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Autumn 2024

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A.I.

Microsoft Copilot Pro Step by Step

Lisa Crosbie

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Key Selling Points:

The official and definitive guide to Microsoft's popular new AI tool!

- A gentle introduction to Copilot Pro - one that works well both for beginners and for experts
- Deep dives into the key features of the integration of Copilot Pro with Microsoft 365 apps like Word, Outlook, PowerPoint and Excel - features that will transform organizational workflow and productivity
- A clear briefing on how to use these powerful new technologies safely and wisely with any organization
- Helps the reader adjust to this new way of working

Summary

Copilot Pro enables you to be more creative and productive, but using generative AI requires a whole new way of thinking—most users try once or twice, get poor results and give up. This book teaches them what they don't know and helps them get started with the right skills.

Copilot Pro adds generative AI experiences into the most used Microsoft applications—Outlook, Word, PowerPoint, Excel, and OneNote, enabling users to be more productive and creative by generating first drafts, editing and improving their work, easily understanding and finding pieces of information in large documents, and gaining new insights. It also allows users to generate text and images in a browser and via a mobile app, using the latest AI models. This is a completely new way of thinking and working—like having your own personal "enthusiastic intern" working side by side with you every day to take on the mundane and time-consuming tasks, freeing you up for more interesting and creative work.

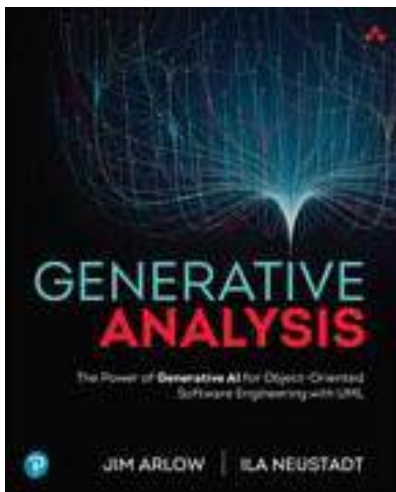
Contributor Bio

Lisa Crosbie (Australia) is a 4-time Microsoft Most Valuable Professional and Microsoft Certified Trainer. She runs a successful YouTube channel with a very active community, where she provides tutorials and tips on how to use Microsoft Copilot and business applications, with a focus on making technology easy to understand for non-technical users.



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Generative Analysis

The Power of Generative AI for Object-Oriented Software Engineering with UML

Jim Arlow, Ila Neustadt

Key Selling Points:

Learn about a new method of object-oriented analysis called "Generative Analysis"

- Generative AI is changing the face of software engineering and generative analysis enables software engineers to transition to this new world.
- Shows how to use Generative AI effectively in software engineering through Generative Analysis.
- Teaches advanced, practical, and precise analysis skills and techniques, using Literate Modelling, M++, multivalent logic, and UML, for the new world of software engineering with Generative AI.
- Encourages "teaching yourself" by following ready-made prompts in the book and using your favorite Generative AI tool.

Summary

Learn a new method of object-oriented analysis called *generative analysis* and keep your skill-set on pace with how generative AI is transforming the face of software engineering

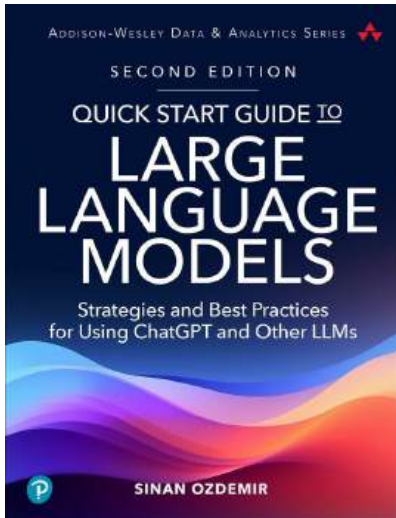
Generative AI is revolutionizing many industries, including software engineering. Many aspects of manual coding are becoming automated, and the skills needed by software engineers, developers, and analysts are evolving. Anyone who writes or works with code will need to produce precise analysis artifacts to feed the AI code generation process. Enter generative analysis: a precise, structured way to for software engineers, programmers, and analysts to transition to this new, AI-enhanced, software engineering world.

In Generative Analysis, experts Jim Arlow and Ila Neustadt leverage literate

odeling, M++, and multivalent logic to lay out a precise and structured, step-by-step approach to object-oriented analysis that produces clear and unambiguous results suitable for further processing into code by generative AI systems such as Copilot, ChatGPT, and Gemini.

Contributor Bio

Jim Arlow has been programming and designing object-oriented software systems since 1990. He has created object models for blue chip companies such as British Airways and M&G. He is a respected OO consultant in Europe and has written and delivered many training courses on object technology and Java. Jim is a regular peaker at conferences such as Object World, and has been an invited speaker at University College London, City University, and the British Computer Society.



Quick Start Guide to Large Language Models (2nd Edition) Strategies and Best Practices for ChatGPT, Embeddings, Fine-Tuning, and Multimodal AI

Sinan Ozdemir

Key Selling Points:

The bestselling guide to programming LLMs has been revised and updated to reflect changes within the last year!

- Practical guide to using and launching LLMs like GPT, Llama, and BERT at scale.
- Step-by-step approach to building and deploying LLMs, with real-world case studies to illustrate the concepts.
- Accessible to both novice and experienced readers, with clear instructions and best practices for using LLMs.
- Fills a gap in the market by providing a hands-on quickstart guide to using LLMs.

Summary

The Practical, Step-by-Step Guide to Using LLMs at Scale in Projects and Products

Large Language Models (LLMs) like Llama 3, Claude 3, and the GPT family are demonstrating breathtaking capabilities, but their size and complexity have deterred many practitioners from applying them. In **Quick Start Guide to Large Language Models, Second Edition**, pioneering data scientist and AI entrepreneur Sinan Ozdemir clears away those obstacles and provides a guide to working with, integrating, and deploying LLMs to solve practical problems.

Ozdemir brings together all you need to get started, even if you have no direct experience with LLMs: step-by-step instructions, best practices, real-world case studies, hands-on exercises, and more. Along the way, he shares insights into LLMs' inner workings to help you optimize model choice, data formats, prompting, fine-tuning, performance, and much more.

Contributor Bio

Sinan Ozdemir is currently the founder and CTO of LoopGenius and an advisor to several AI companies. Sinan is a former lecturer of Data Science at Johns Hopkins University and the author of multiple textbooks on data science and machine learning. Additionally, he is the founder of the recently acquired Kylie.ai, an enterprise-grade conversational AI platform with RPA capabilities.



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Programming Generative AI

Large Multimodal Models with PyTorch and Hugging Face

Jonathan Dinu

No Image
Available

Key Selling Points:

Learn enough deep generative modeling to build your own multimodal model

- Packed with examples and sample code
- Examples are written in Python and Pytorch, but are designed to be as platform-agnostic as possible
- Covers images, text, and multimodal models
- Written for anyone comfortable with Python and familiar with machine learning - folks who don't want to just use generative AI applications, but build them

Summary

It might feel like you woke up one day and suddenly Generative AI and its myriad applications are in every corner of the tech world-from search engines to Photoshop, and even your personal note-taking app. But in reality, it is "an overnight success 10 years in the making," that folks have been working on since the dawn of computers in one way or another. This book unfortunately won't go that far back in the material it covers, but it will get you to the point of understanding how large multimodal models like OpenAI's GPT-4 or Google's Gemini work by programming similar systems yourself.

To do so, the book is very hands-on with code examples to accompany most of the concepts, fully subscribing to Feynman's philosophy that you can't fully understand a topic until you can create it yourself. That said, the code itself is more of an expository tool for the concepts- rather than the target of explanation itself. As such, your learning from the book should be framework or library agnostic.

Contributor Bio

Jonathan Dinu (Pittsburgh, PA) is currently an independent researcher, freelance data scientist, and itinerant instructor. Previously, he co-founded Zipfian Academy (an immersive data science training program acquired by Galvanize), has taught classes at the University of San Francisco, and has built a Data Visualization MOOC with Udacity.

In addition to his professional data science experience, he has run data science training for a Fortune 100 company and taught workshops at Strata, PyData, & ODSC (among others). He first discovered his love of all things data while studying Computer Science and Physics at UC Berkeley and in a former life he worked for Alpine Data Labs developing distributed machine learning algorithms for predictive analytics on Hadoop.



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Analytics Series
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Programming Large Language Models with Azure Open AI

Conversational programming and prompt engineering with LLMs

Francesco Esposito

Key Selling Points:

Learn to use the power of Microsoft's Azure OpenAI framework to program using Large Language Models (LLMs) and Generative AI

- Illustrates and demonstrates new classes of applications affected by AI
- Shows how easy the technical part can be and how the human vision and creativity can take the reins of AI
- Azure OpenAI can be used on any platform, not just .NET

Summary

Use LLMs to build better business software applications

Autonomously communicate with users and optimize business tasks with applications built to make the interaction between humans and computers smooth and natural. Artificial Intelligence expert Francesco Esposito illustrates several scenarios for which a LLM is effective: crafting sophisticated business solutions, shortening the gap between humans and software-equipped machines, and building powerful reasoning engines. Insight into prompting and conversational programming—with specific techniques for patterns and frameworks—unlock how natural language can also lead to a new, advanced approach to coding. Concrete end-to-end demonstrations (featuring Python and ASP.NET Core) showcase versatile patterns of interaction between existing processes, APIs, data, and human input.

Artificial Intelligence expert Francesco Esposito helps you:

- Understand the history of large language models and conversational programming
- Apply prompting as a new way of coding
- Learn core prompting techniques and fundamental use-cases
- Engineer advanced prompts, including connecting LLMs to data and function calling to build reasoning engines
- Use natural language in code to define workflows and orchestrate existing APIs Master external LLM frameworks
- Evaluate responsible AI security, privacy, and accuracy concerns
- Explore the AI regulatory landscape
- Build and implement a personal assistant
- Apply a retrieval augmented generation (RAG) pattern to formulate responses based on a knowledge base

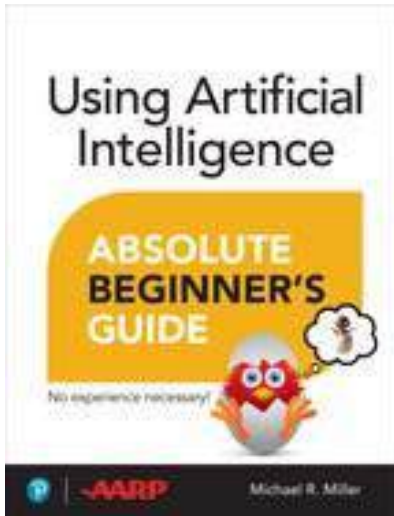
Contributor Bio

Francesco Esposito, armed with a strong mathematical background, is the author of two Microsoft Press books on Machine Learning. He is currently the Head of Engineering & Data at Crionet, a company that provides innovative solutions for Sports and Media industries. He also founded Youbiquitous, a data analysis and software factory that works on LLMs, and KBMS Data Force, a startup focused on Digital therapy and intelligent healthcare.



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Series: Absolute Beginner's Guide
Status: **FORTHCOMING**

Using Artificial Intelligence Absolute Beginner's Guide

Michael R. Miller

Key Selling Points:

The perfect book for anyone who wants to harness the power of AI in their own life

- Endorsed by the AARP
- Understand how AI can benefit you
- Identify when AI can be helpful and trusted and when it's not
- Recognize and manage some of AI's risks, limitations, and security implications
- Learn about commonly available AI tools and how to use them for specific tasks
- Spot AI-generated content in digital content and feeds
- Examples from actual output from AI is designed to give you the confidence to try AI for yourself
- Sidebars/icons highlight warnings and limitations and provide responses to frequently asked questions

Summary

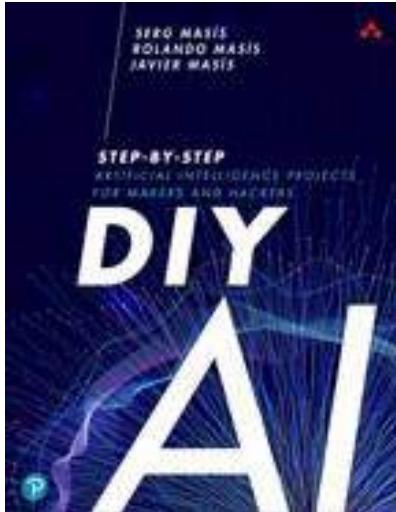
Unlock the power of AI for a safer, smarter, and more fulfilling life.

Artificial intelligence is one of the most significant technological developments of the current century, and its impact is just beginning. In its simplest form, AI is making machines that learn and think like humans. Even in its nascent stage, it is clear that AI will have a radical effect on almost every area of life. We can expect to interact with AI in nearly everything we do, for example, managing finances, obtaining medical care, finding information, writing, and creating art.

AI is a radical new technology, and it can be confusing and intimidating to use. This book provides a clear, accessible guide to using AI safely and effectively in daily life. There are seemingly unlimited options to employ AI daily, and almost as many AI tools available. Sorting through these options and understanding how they work are just a few things we will need to do moving forward. Just as critical is being aware of and able to recognize AI's limitations and risks.

Contributor Bio

Michael Miller has written more than 200 non-fiction books over the past three decades. Collectively, his books have sold more than a million copies worldwide. His best-selling books for Que include My iPad for Seniors, My Video Chat for Seniors, My TV for Seniors, My Social Media for Seniors, My Facebook for Seniors, My Smart Home for Seniors, My Samsung Galaxy S7 for Seniors



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Analytics Series
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DIY AI

Step-by-Step Artificial Intelligence Projects for Makers and Hackers

Serg Masis, Rolando Masis, Javier Masis

Key Selling Points:

A do-it-yourself A.I. recipe book to implement exciting projects like systems for facial recognition, music generation, chatbots, and much more!

- Contains eight meaningful, interesting, and fun AI projects for Hackers, Makers, Newbies, and Hobbyists
- Provides downloadable, concrete example code for the projects
- No advanced math or machine learning knowledge required!

Summary

The market of A.I. enthusiasts and professionals is underserved by books that are either too academic, often diving too deeply into esoteric topics, or too shallow and cursory, with example toy datasets that aren't helpful for real-world applications. Topics that spark significant interest, like facial recognition and sound recognition, aren't covered in detail. Few books cover projects that can be implemented at home and, most importantly, for pleasure. The play or fun component is missing from existing titles.

This proposed book has eight open-source projects that are designed to teach practical AI while appealing to Makers and other Do-It-Yourself types. Projects can become valuable beyond a teaching device because readers will be able to optionally implement four of these projects in embedded devices or use their own data should they choose to do so. The book is being published at a time when open-source AI software is mature enough and hardware powerful enough for use by anyone.

Contributor Bio

Serg Masis (Morrisville, NC) is a Data Scientist at Syngenta, a leading agribusiness company with a mission to improve global food security, and a bestselling author on books about responsible practices in machine learning. Before that, he had a prior career in entrepreneurship, web and app development, and analytics for more than fifteen years.

The Rise of AI Agents

Integrating AI, Blockchain Technologies, and Quantum Computing

Petar Radanliev

No Image
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Key Selling Points:

This book will provide an in-depth exploration of the synergistic interplay among AI, Blockchain, and Quantum Computing

- Offers a more complete picture of the future technological landscape
- Not just an academic treatise, but a practical guide filled with real-world applications and case studies
- Addresses the ethical, legal, and societal implications of these technologies, offering a well-rounded exploration of the opportunities and responsibilities they present

Summary

The book "The Rise of AI Agents" explores an exciting fusion of three ground-breaking technologies: Artificial Intelligence (AI), Blockchain, and Quantum Computing.

This book is set to go beyond academic discussion, embarking on a journey that explores the vast possibilities, inherent challenges, and profound implications of these integrative technologies.

The author's approach to this subject is unique, blending rigorous academic research with the practical insights he has gained from his extensive experience in AI, Cybersecurity, and Quantum Computing. This book will cater to professionals in these fields and inform readers interested in technological advancements.

"The Rise of AI Agents" is designed to bridge theoretical knowledge with practical application. For professionals, it will unveil deeper insights into how integrated technologies can be applied across various industries. For academics and students, it will serve as a rich source of information on the latest developments in these rapidly evolving fields. One key aim is to demystify these advanced technologies, empowering readers to understand their potential and envision their applications in the future.

Contributor Bio

Petar Radanliev (Oxford, UK) has served for the past five years as an Industrial Masters Projects Supervisor in AI and Cybersecurity at the University of Oxford's Department of Computer Science, the world's number one University and Department in AI. He did postdoctoral research in AI at several prestigious institutions, including Imperial College London, the University of Cambridge, the Massachusetts Institute of Technology, and the Department of Engineering Science at the University of Oxford.



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Securing Generative AI, LLMs, and ML using Zero Trust Architecture

Cindy Green-Ortiz, Zig Zsiga

No Image
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Key Selling Points:

The first book to apply the principles of Zero-Trust Architecture to the issues surrounding the security of generative AI systems

- Written by experts on Zero-Trust Architecture and the design of AI systems
- Helps the reader learn about both the rewards and the risks of AI systems
- Provides architectural guidance and best practices to secure intellectual property
- Contains extensive case studies from a wide variety of industries
- Focuses on practical, actionable solutions

Summary

AI is not new, but the embedding of Generative AI (GAI) into regular work solutions and applications, and the development of intellectual property using AI, are clear and present dangers to core aspects of the global economy as well as to the financial security of most organizations. *Securing Generative AI, LLMs, and ML using Zero Trust* is a must for all organizations as this revolution is upon us.

The widespread use of generative AI and LLMs is so new that organizations do not know what they do not know, or where they should start, but their attackers do know exactly what is happening and are moving much faster to take advantage of this rapid adoption. We must protect the different aspects of organizations as they leverage GAI, LLM and ML to support their new ways of doing business, product development and improving processes. The attack surfaces are much broader than most organizations understand and the risks that come with it.

This book will enable organizations to understand the risks, mitigate those risks, and ensure the output the GAI, LLM and LM solutions being leveraged are providing value and information which is above reproach. The authors will be drawing from their deep experience in AI and Security to support organizations and leaders. This will be the first book to show how to apply the principles of Zero-Trust Architecture to AI Systems.

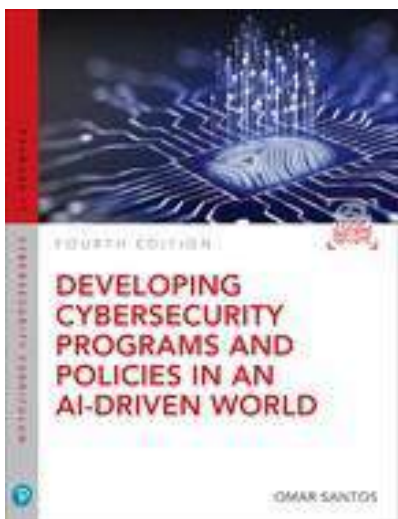
Contributor Bio

Cindy Green-Ortiz (Charlotte, NC) has been a Global Enterprise Senior Security Architect at Cisco for seven years, a Chairman's Club Winner (Club Cisco), Cisco Press Author, and Cisco Live Presenter. She has made remarkable contributions to the security and technology field throughout her 30+ years of experience.



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Developing Cybersecurity Programs and Policies in an AI-Driven World (4th Edition)

Omar Santos

Key Selling Points:

The in-depth, up-to-the-minute guide to information security policy for every practitioner and advanced student

- Learn how to establish a cybersecurity program and governance in your organization
- Familiarize yourself with cybersecurity best practices, governance frameworks, and key standards
- Understand how to implement appropriate security controls in the cloud
- Focused coverage of healthcare, finance, and PCI DSS compliance



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Summary

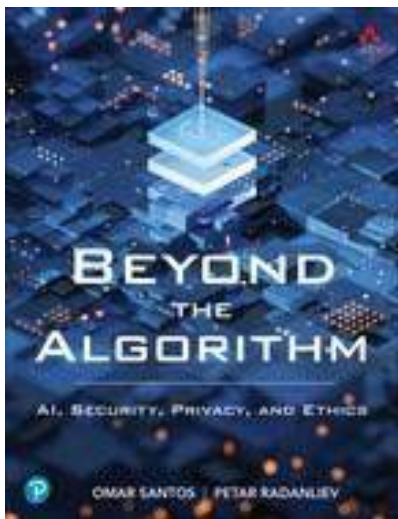
Today, cyberattacks can place entire organizations at risk. Cybersecurity can no longer be delegated to specialists: Success requires everyone to work together, from leaders on down. *Developing Cybersecurity Programs and Policies in an AI-Driven World*

offers start-to-finish guidance for establishing effective cybersecurity in any organization.

Drawing on more than two decades of real-world experience, Omar Santos presents realistic best practices for defining policy and governance, ensuring compliance, and collaborating to harden the entire organization. Santos begins by outlining the process of formulating actionable cybersecurity policies and creating a governance framework to support these policies. He then delves into various aspects of risk management, including strategies for asset management and data loss prevention, illustrating how to integrate various organizational functions—from HR to physical security—to enhance overall protection. This book covers many case studies and best practices for safeguarding communications, operations, and access; alongside strategies for the responsible acquisition, development, and maintenance of technology. It also discusses effective responses to security incidents. Santos provides a detailed examination of compliance requirements in different sectors and the NIST Cybersecurity Framework.

Contributor Bio

Omar Santos is a Distinguished Engineer at Cisco, focusing on artificial intelligence (AI) security, cybersecurity research, incident response, and vulnerability disclosure. He is a board member of the OASIS Open standards organization and the founder of OpenEoX. Omar's collaborative efforts extend to numerous organizations, including the Forum of Incident Response and Security Teams (FIRST) and the Industry Consortium for Advancement of Security on the Internet (ICASI). Omar is the co-chair of the FIRST PSIRT Special Interest Group (SIG). Omar is the co-founder of the DEF CON Red Team Village and the chair of the Common Security Advisory Framework(CSAF)technical committee.



Beyond the Algorithm

AI, Security, Privacy, and Ethics

Omar Santos, Petar Radanliev

Key Selling Points:

This book provides comprehensive knowledge, practical guidance, and ethical considerations to a diverse audience, from beginners to seasoned professionals, involved in the development, deployment, and management of AI systems

Summary

As artificial intelligence (AI) becomes more and more woven into our everyday lives—and underpins so much of the infrastructure we rely on—the ethical, security, and privacy implications require a critical approach that draws not simply on the programming and algorithmic foundations of the technology.

ringing together legal studies, philosophy, cybersecurity, and academic literature, *Beyond the Algorithm* examines these complex issues with a comprehensive, easy-to-understand analysis and overview. The book explores the ethical challenges that professionals—and, increasingly, users—are encountering as AI becomes not just a promise of the future, but a powerful tool of the present.

- An overview of the history and development of AI, from the earliest pioneers in machine learning to current applications and how it might shape the future
- Introduction to AI models and implementations, as well as examples of emerging AI trends
- Examination of vulnerabilities, including insight into potential real-world threats, and best practices for ensuring a safe AI deployment
- Discussion of how to balance accountability, privacy, and ethics with regulatory and legislative concerns with advancing AI technology
- A critical perspective on regulatory obligations, and repercussions, of AI with copyright protection, patent rights, and other intellectual property dilemmas
- An academic resource and guide for the evolving technical and intellectual challenges of AI
- Leading figures in the field bring to life the ethical issues associated with AI through in-depth analysis and case studies in this comprehensive examination.

Contributor Bio

Omar Santos is a cybersecurity thought leader with a passion for driving industry-wide initiatives to enhance the security of critical infrastructures. Omar is the lead of the DEF CON Red Team Village, the chair of the Common Security Advisory Framework (CSAF) technical committee, the founder of OpenEoX, and board member of the OASIS Open standards organization. Omar's collaborative efforts extend to numerous organizations, including the Forum of Incident Response and Security Teams (FIRST) and the Industry Consortium for Advancement of Security on the Internet (ICASI).



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Status: **ACTIVE**

Responsible AI

Best Practices for Creating Trustworthy AI Systems

CSIRO, Qinghua Lu, Liming Zhu, Jon Whittle, Xiwei Xu

Key Selling Points:

A practical guide for operationalizing responsible AI across the development lifecycle: from governance to design patterns and software engineering

- Written by the experts at Australia's Commonwealth Scientific and Industrial Research Organisation (CSIRO)
- Helps you accelerate AI adoption as you reduce its risks, translating ethical principles into more effective products, better consulting, and greater impact
- Includes detailed coverage of applying principle-specific techniques for fairness, privacy, and explainability
- Previews the future of responsible AI
- Supported by a continually-updated online repository of patterns, techniques, examples, and playbooks

Summary

AI systems are solving real-world challenges and transforming industries, but there are serious concerns about how responsibly they operate on behalf of the humans that rely on them. Many ethical principles and guidelines have been proposed for AI systems, but they're often too 'high-level' to be translated into practice. Conversely, AI/ML researchers often focus on algorithmic solutions that are too 'low-level' to adequately address ethics and responsibility. In this timely, practical guide, pioneering AI practitioners bridge these gaps. The authors illuminate issues of AI responsibility cross the entire system lifecycle and all system components, offer concrete and actionable guidance for addressing them, and demonstrate these approaches in three detailed case studies.

Writing for technologists, decision-makers, students, users, and other stake-holders, the topics cover:

• Governance mechanisms at industry, organisation, and team levels

Development process perspectives, including software engineering best practices for AI

System perspectives, including quality attributes, architecture styles, and patterns

Techniques for connecting code with data and models, including key tradeoffs Principle-specific techniques for fairness, privacy, and explainability

preview of the future of responsible AI

Contributor Bio

Dr. Qinghua Lu is a principal research scientist and leads the Responsible AI science team at CSIRO's Data61. She received her PhD from University of New South Wales in 2013. Her current research interests include responsible AI, software engineering for AI/GAI, and software architecture. She has published 150+ papers in premier international journals and conferences.



The AI Revolution in Customer Service and Support

A Practical Guide to Impactful Deployment of AI to Best Serve Your Customers

Ross Smith, Mayte Cubino, Emily McKeon

Key Selling Points:

Learn how to deploy custom models leading to a revolution in the world of customer service and support

- Written by AI and Customer Support experts at Microsoft, a leader in both fields
- Written for a broad, non-technical audience of anyone involved in Customer Support
- Assumes no previous experience with AI, LLMs, Machine Learning, or Data Science

Summary

In the rapidly evolving AI landscape, customer service and support professionals find themselves in a prime position to take advantage of this innovative technology to drive customer success. The AI Revolution in Customer Service and Support is a practical guide for professionals who want to harness the power of generative AI within their organizations to create more powerful customer and employee experiences. This book is designed to equip you with the knowledge and confidence to embrace the AI revolution and integrate the technology, such as large language models (LLMs), machine learning, predictive analytics, and gamified learning, into the customer experience. Start your journey toward leveraging this technology effectively to optimize organizational productivity.

A portion of the book's proceeds will be donated to the nonprofit Future World Alliance, dedicated to K-12 AI ethics education.

IN THIS BOOK YOU'LL LEARN

About AI, machine learning, and data science

- How to develop an AI vision for your organization

How and where to incorporate AI technology in your customer experience flow

About new roles and responsibilities for your organization

How to improve customer experience while optimizing productivity

How to implement responsible AI practices

How to strengthen your culture across all generations in the workplace

How to address concerns and build strategies for reskilling and upskilling your people

How to incorporate games, play, and other techniques to engage your agents with AI

Explore thought experiments for the future of support in your organization

Contributor Bio

Ross Smith is a Fellow of the Royal Society of the Arts, Co-Founder of the Future World Alliance, the author of The Practical Guide to Defect Prevention and holds seven patents. He is a PhD scholar at University College Dublin's SMARTLab program, focused on AI, automation, worker displacement, and the future of work.



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224 Pages
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Computers / Networking
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Status: **ACTIVE**

The AI Revolution in Networking, Cybersecurity, and Emerging Technologies

Omar Santos, Samer Salam, Hazim Dahir

Key Selling Points:

This book will not only educate but also inspire-serving as a catalyst that propels individuals and organizations into the future of AI-integrated technology.

Summary

The AI Revolution is Here. Discover its Dynamic Applications in Networking, Cybersecurity, and More.

AI is having a profound impact on nearly every sector of the workforce. Huge professional and financial opportunities await in the key domains of computer networking, cybersecurity, IoT, and cloud computing. ***The AI Revolution in Networking, Cybersecurity, and Emerging Technologies*** will give you the edge you need to harness AI for your benefit. Learn how AI can efficiently identify shadow data, fortify security measures, generate predictive analytics in real time, and so much more.

In this comprehensive guide, Cisco professionals Omar Santos, Samer Salam, and Hazim Dahir engage you in both AI application and theory through practical case studies and predictions of future trends, which makes this book not just a valuable guide for today, but an indispensable resource for tomorrow.

Contributor Bio

Omar Santos is a cybersecurity thought leader with a passion for driving industry-wide initiatives to enhance the security of critical infrastructures. Omar is the lead of the DEF CON Red Team Village, chair of the Common Security Advisory Framework (CSAF) technical committee, and board member of the OASIS Open standards organization.



The AI Revolution in Project Management

Elevating Productivity with Generative AI

Vijay Kanabar, Jason Wong

Key Selling Points:

Provides an in-depth understanding of AI and its role as a digital assistant or coach to project managers, and their team members.

- Demonstrates how AI can be utilized across different project performance domains, offering insights and best practices to enhance performance and achieve intelligent results.
- Includes examples, case studies, and various AI tools such as ChatGPT, making it a practical guide for project managers looking to incorporate AI into their work.
- Explores both predictive and agile methodologies, offering a comprehensive view of how AI can be utilized across different project management approaches.
- Aligns with the latest global standards, making it a valuable resource for those looking to apply AI in line with industry standards and best practices.

Summary

In a world where technology is rapidly evolving, the fusion of project management and artificial intelligence stands at the forefront of innovation. *The AI Revolution in Project Management* delves deep into the transformative power of generative AI tools that promise to reshape industries, and revolutionize how we manage projects.

Whether you're looking to build dynamic teams using AI, choose a project development approach, or monitor project performance, this book has got you covered. Each chapter provides insightful narratives and includes a supplemental Technical Guide that provides tips on using the AI technology. With case studies and prompts, the dialogues showcase AI in action, from stakeholder engagement to risk management. Dive in with experts who've spent countless hours using these AI tools in project scenarios to offer a transparent view into generative AI-driven project management.

Contributor Bio

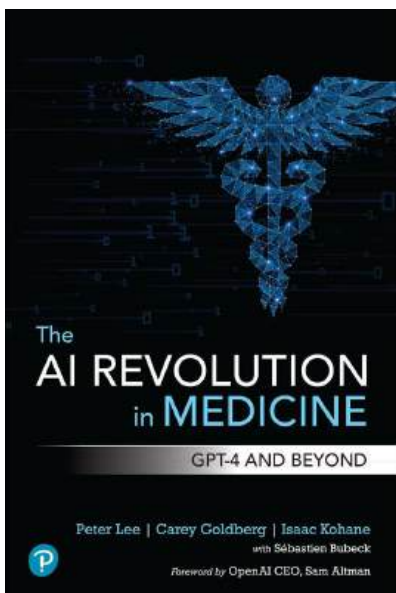
Dr. Vijay Kanabar is an associate professor and the director of Project Management Programs at Boston University's Metropolitan College. In recognition of his outstanding contributions to the field, he was honored with the PMI Linn Stuckenbruck Teaching Excellence Award in 2017. He has a track record of advising organizations such as Blue Cross Blue Shield, Staples, United Way, and Fidelity Investments.



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Computers / Artificial Intelligence
COM004000

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Wt
Status: **ACTIVE**



The AI Revolution in Medicine

GPT-4 and Beyond

Peter Lee, Carey Goldberg, Isaac Kohane

Key Selling Points:

Learn about ChatGPT from the experts!

- Fully updated for the brand-new ChatGPT version 4
- Foreword by Sam Altman, CEO of ChatGPT
- Written for a general audience, not specialists
- Written by world-class experts who have been working with the technology for years
- Discusses both the transformational possibilities as well as the limits and cautions behind AI in medicine

Summary

AI is about to transform medicine. Here's what you need to know right now.

"The development of AI is as fundamental as the creation of the personal computer. It will change the way people work, learn, and communicate--and transform healthcare. But it must be managed carefully to ensure its benefits outweigh the risks. I'm encouraged to see this early exploration of the opportunities and responsibilities of AI in medicine."

--Bill Gates

Just months ago, millions of people were stunned by ChatGPT's amazing abilities -- *and* its bizarre hallucinations. *But that was 2022.* GPT-4 is now here: smarter, more accurate, with deeper technical knowledge. GPT-4 and its competitors and followers are on the verge of transforming medicine. But with lives on the line, you need to understand these technologies -- *stat.*

What can they do? What can't they do -- *yet?* What shouldn't they *ever* do? To decide, experience the cutting edge for yourself. Join three insiders who've had months of early access to GPT-4 as they reveal its momentous potential -- to improve diagnoses, summarize patient visits, streamline processes, accelerate research, and much more. You'll see real GPT-4 dialogues -- unrehearsed and unfiltered, brilliant and blundering alike -- all annotated with invaluable context, candid commentary, real risk insights, and up-to-the-minute takeaways.

Contributor Bio

Peter Lee, PhD, Corporate VP for Research and Incubations at Microsoft, has focused for the past six years on AI's uses in healthcare and the life sciences. He formerly led computing projects at DARPA and chaired the computer science department at Carnegie Mellon University.

Carey Goldberg, a longtime medical and science journalist, has covered topics ranging from healthcare costs to genomic research.

Isaac "Zak" Kohane, MD, PhD, inaugural chair of Harvard Medical School's Department of Biomedical Informatics, has worked on medical AI since the 1990s.



Pearson
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304 Pages
Carton Qty: 30
Computers / Social Aspects
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Wt
Status: **ACTIVE**

Pearson Professional Computing including Addison-Wesley



Addison-Wesley Professional
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Paperback

272 Pages
Carton Qty: 15
Business & Economics /
Marketing
BUS043000

9.1 in H | 7 in W | 0.4 in T | 1 lb
Wt
Status: **ACTIVE**

Untrapping Product Teams

Simplify the Complexity of Creating Digital Products

David Pereira

Key Selling Points:

Spot and avoid the most common digital-product-management traps, clearing the way for your team to create valuable products.

- Empowers readers to recognize and avoid common product management traps
- Offers a fresh and simple perspective on what makes or breaks teams in digital product management end-to-end
- Equips teams with hands-on techniques to apply immediately to improve their ability to create valuable digital products
- Author is an active and known voice in the product management space, with a strong social media platform (91K+ followers on Medium, 58k+ followers on LinkedIn)

Summary

Empower Product Teams to Rock the World by Uncovering and Overcoming Dangerous Traps

Untrapping Product Teams guides you to simplify what gets unintentionally complicated and equips you to overcome dangerous traps while steadily driving customer and business value. This isn't just another book about product management. It's a thought-provoking guide filled with simplicity, encouraging you to act today for a better tomorrow.

This book is for anyone facing the challenges of working on or with product teams. It lays out leading best practices, combined with "secret ingredients" crafted by the author based on years of experience. Learn what makes or breaks product teams so you are ready to do what it takes to thrive with digital products.

- Learn the differences between coordinative and collaborative workflows
 - Recognize dangerous traps and the strategies to overcome them
 - Explore the product journey: simplify decision-making, apply mindful product discovery, use delivery to accelerate value and measure results beyond outputs
- Craft Product Principles and set solid foundations for product teams
Benefit from proven product health checks to uncover where to act for a better tomorrow

Contributor Bio

David Pereira is a product leader with more than 15 years of experience. He has sharpened his skills by leading diverse teams, from startups to giant corporations. Since 2020, he has openly shared his mistakes, failures, and insights on product management, reaching over 10 million readers worldwide. His thought-provoking courses have more than 15K satisfied students across 120+ countries.

Agile Kata

Patterns and Practices for Transformative Organizational Agility

Joe Krebs

No Image
Available

Key Selling Points:

Practice Agile Kata at your organization to achieve true business agility faster and more reliably in order to stay competitive and build success

- Offers a solution (the Agile Kata) to the persistent and increasingly urgent problem of failing agile transformations in organizations across the globe
- Illuminates next steps in Agile's evolution by illustrating how to draw on proven practices (Toyota Kata) for organizational change, and product and process improvements
- Uses storytelling to facilitate learning and change, based on recent neuroscience findings that stories about people with whom we identify and who have overcome struggles like our own helps motivate change

Summary

Organizations around the globe want to be more agile to out perform their competition and respond to the ever-increasing speed of business threats. Agile teams in an organization are great, but they are not enough on their own to survive 21st century business challenges. Today, more and more companies find themselves in highly volatile, uncertain, complex, and ambitious (a.k.a. VUCA) business domains, and they are looking to business agility to help them address these challenges.

Business Agility, a state where the entire organization can innovate and release more products faster, is the new standard for success. But, most organizations lack a process for creating an environment like this. Current approaches to increase business agility are often home-grown, trial and error, and/or based on an approach that worked for an agile coach in the past. Often, these approaches fail or produce mediocre results.

Agile Kata helps organizations break through this dilemma by introducing a solution to reach business agility with a proven universal pattern

Contributor Bio

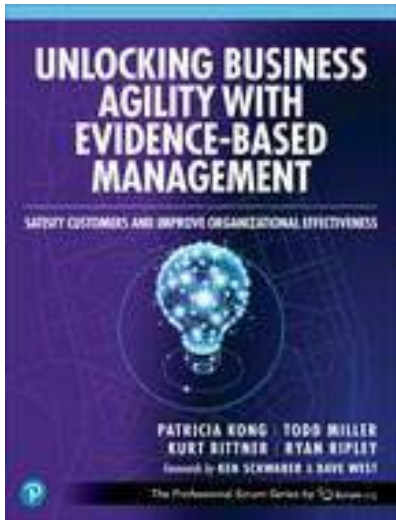
Joe (Jochen) Krebs (Katonah, NY) is an accomplished agile coach and trainer and the founder of Incrementor. As a trusted advisor, Joe has helped many large organizations and start-up companies alike to increase business agility. He is certified by Scrum.org as a professional scrum trainer and accredited by ICAgile as an instructor. Joe created the Agile Kata and offers Agile Kata courses and educational material at www.agilekata.org.



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Business & Economics / Project
Management
BUS101000
Series: The Professional Scrum
Series
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Wt
Status: **ACTIVE**

Unlocking Business Agility with Evidence-Based Management

Satisfy Customers and Improve Organizational Effectiveness

Patricia Kong, Todd Miller, Kurt Bittner, Ryan Ripley

Key Selling Points:

Achieve customer outcome-based goals, as you help your organization use evidence-based management to rediscover its purpose

- Clarify your goals, move towards them in uncertain and fast-changing times, and use agile metrics to demonstrate your performance
- Apply empiricism and experimentation to find solutions for complex problems
- Learn from real-world anonymized case studies from the authors' personal experience
- Part of The Professional Scrum Series, co-published with Scrum.org
- Recommended reading for Scrum.org's Professional Agile Leader (PAL) and Professional Agile Leader - Evidence-Based Management (PAL-EBM) certifications

Summary

Leverage Evidence-Based Management, a scientific method, to enable organizations to achieve goals under conditions of uncertainty.

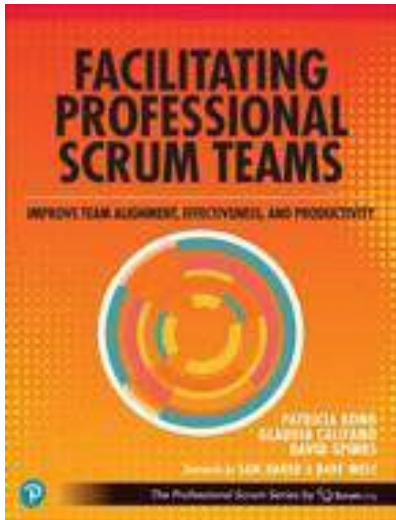
Organizations often believe in the certainty of their plans and see every deviation from the plan as a sign of failure. They view the organization as a machine for creating and executing plans instead of looking at it as a responsive organism, attentive to the changes in its environment. In a world of uncertainties, organizations need to be capable of reinventing themselves every day based on new information.

In *Unlocking Business Agility with Evidence-Based Management*, authors Patricia Kong, Todd Miller, Kurt Bittner, and Ryan Ripley use the framework developed by Scrum.org called Evidence-Based Management (EBM). EBM is an empirical approach that helps organizations use experimentation and rapid feedback to progress toward goals. This path is not always obvious or straightforward, but that is a benefit: in a complex and changing world, the path toward goals will always be uncertain

Contributor Bio

Patricia Kong helps organizations thrive in a complex world by focusing on enterprise innovation, leadership, and teams. She is a people advocate and fascinated by organizational behavior and misbehaviors. She is co-author of *The Nexus Framework for Scaling Scrum* (Addison-Wesley, 2017).

Todd Miller has practical experience as a Scrum Master, Product Owner, Software Developer, and Agile coach on a variety of technical and creative projects across a multitude of industries. He has been a professional Scrum trainer with Scrum.org since 2016.



Facilitating Professional Scrum Teams

Improve Team Alignment, Effectiveness and Outcomes

Patricia Kong, Claudia Califano, David Spinks

Key Selling Points:

The practical guide to expert facilitation in Scrum environments: all the tips, tools, and case studies you need!

- Proven techniques for facilitating Scrum teams, specific guidance on how, when, and why to use them, and expert insight into outcomes
- Shows how skillfully facilitating a Scrum team's interactions and dynamics can unleash the entire team's potential
- Reaches a growing market, exemplified by the introduction and growth of Scrum.org's accredited class in Professional Scrum Facilitation Skills

Summary

Unlock the true power of collaboration within Scrum Teams and beyond with this practical guide packed with tips, tools, and real-life scenarios to elevate your facilitation skills.

Scrum requires healthy collaboration, not just between the members of the Scrum Team, but also between the Scrum Team and its stakeholders to gather feedback and input. Collaboration is the heart of thriving Scrum Teams, but most available resources on collaboration focus solely on meeting formats and neglect to show how Scrum Teams truly harmonize their efforts and make informed decisions effectively.

This book bridges the gap by not only providing effective facilitation techniques but also delving into the *how* and *why* of facilitation--all geared toward improving effectiveness, achieving impactful outcomes, and helping Scrum Teams work through challenges.

- Obtain tools and insights for Scrum Teams to better facilitate team interactions to leverage group diversity.
- Learn from real-world scenarios that common Scrum Team challenges and how they can be overcome with effective and timely facilitation.

Discover comprehensive facilitation approaches accompanied with effective guidance on when to use them, how they can be combined, and how they can help to achieve desired outcomes

Contributor Bio

Patricia Kong helps organizations thrive in a complex world by focusing on enterprise innovation, leadership, and teams. She is a people advocate and fascinated by organizational behaviors and misbehaviors. She is co-author of both *The Nexus Framework for Scaling Scrum* (Addison-Wesley, 2017) and *Facilitating Professional Scrum Teams* (Addison-Wesley, 2024).

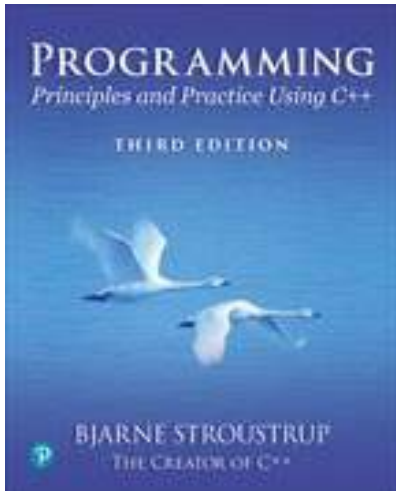
Glaudia Califano is an agile and lean practitioner and mentor, working with and within teams. She loves to be hands-on, coming up with new ideas, and learning from those around her. Glaudia divides her time between the UK and Spain with her partner and her two dachshunds.



Addison-Wesley Professional
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Computers / Software
Development & Engineering
COM051230
Series: The Professional Scrum
Series

9.1 in H | 7 in W | 0.6 in T | 1.1 lb
Wt
Status: **ACTIVE**



Addison-Wesley Professional
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Discount Code: y
Paperback

656 Pages
Carton Qty: 12
Computers / Programming
COM051210

9.1 in H | 7.4 in W | 1.1 in T | 2.7
lb Wt
Status: **ACTIVE**

Programming (3rd Edition) **Principles and Practice Using C++** Bjarne Stroustrup

Key Selling Points:

The ultimate guide to good programming practices, from the inventor of C++, completely updated for modern C++

- Assumes no programming experiencing, but practitioners and advanced students will gain new insight and guidance by seeing how an expert approaches the elements of his art.
- Tested with many thousands of first-year university students.
- Provides a solid foundation for writing useful, correct, maintainable, and efficient code.
- Includes dozens of drills--usually consisting of a sequence of modifications of a single program--devised to develop practical skills, as well as a large number of longer exercises that are hard enough to challenge even the best student

Summary

An Introduction to Programming by the Inventor of C++

Programming: Principles and Practice Using C++, Third Edition, will help anyone who is willing to work hard learn the fundamental principles of programming and develop the practical skills needed for programming in the real world. Previous editions have been used successfully by many thousands of students. This revised and updated edition

- Assumes that your aim is to eventually write programs that are good enough for others to use and maintain
- Focuses on fundamental concepts and techniques, rather than on obscure language-technical details
- Is an introduction to programming in general, including procedural, object-oriented, and generic programming, rather than just an introduction to a programming language
- Covers both contemporary high-level techniques and the lower-level techniques needed for efficient use of hardware
- Will give you a solid foundation for writing useful, correct, type-safe, maintainable, and efficient code
-

Contributor Bio

Bjarne Stroustrup is the designer and original implementer of C++, as well as the author of *The C++ Programming Language* (4th Edition), *A Tour of C++* (3rd edition), *Programming: Principles and Practice Using C++* (3rd Edition), and many popular and academic publications. He is a professor of Computer Science at Columbia University in New York City.

We, Programmers

A Chronicle of Coders from Ada to AI

Robert C. Martin

No Image
Available

Key Selling Points:

This is a book written by a programmer, about programmers, for programmers

- Bob will record 8-10 minute audio segments for O'Reilly where he discusses each figure he covers in the book
- Bob Martin has a loyal following of readers, and they will be interested in Part 2 of the book where Bob gives a personal retelling of programming from 1970 to now through his own eyes.
- In trying to find comparables, it is clear that this type of book hasn't been done before

Summary

Discover the stories of the most famous programmers to understand what a programmer was, is and will be in the world AI driven software development.

This book will cover the history of the three different eras of programming: before 1970, 1970-Today, and the future of programming (To Infinity and Beyond).

Part 1 is pure history. Unlike most histories, however, which shy away from the technical side of the story, Bob Martin will focus on the technical topics. The goal is to tell the story in a way that other programmers can identify with. Each of the chapters will tell the story of a programmer or programming team. They will be described from a human/programmer point of view and dive into the technical problems they solved, as well as the state of the art of the day, in sufficient depth to satisfy (and often horrify) a modern programmer. Bob will also spend enough time on the pros and cons of their personal life to humanize them.

Contributor Bio

Robert C. Martin ("Uncle Bob") has been a programmer since 1970. He is founder of Uncle Bob Consulting, LLC, and cofounder with his son Micah Martin of The Clean Coders LLC. Martin has published dozens of articles in various trade journals and is a regular speaker at international conferences and trade shows.



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Trade Paperback

464 Pages
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Computers / Programming
COM051000
Series: Robert C. Martin Series
Status: **FORTHCOMING**

Art of Computer Programming, Volume 4, Fascicle 7, The

Constraint Satisfaction

Donald E. Knuth

No Image
Available

Key Selling Points:

The latest chapter in Knuth's magnum opus!

- Will eventually form the first part of Volume 4B
- Covers Constraint Satisfaction Problems (CSP) - Sudoku is a simple example of a CSP
- CSPs traverse many domains in computer science, including in AI

Summary

Volume 4 of TAOCP is devoted to the topic of Combinatorial Algorithms. Combinatorial algorithms are the methods that allow developers to cope with problems that involve zillions of cases. The explosive growth in the knowledge of such techniques has meant that several volumes are needed to describe them. 4C will be the next such volume.

This fascicle, which will eventually form the first part of volume 4C, covers section 7.2.2.3 (Constraint Satisfaction Problems) of TAOCP. It follows the recently published volume 4B, which covered sections 7.2.2.1 (Dancing Links) and 7.2.2.2 (Satisfiability) of Knuth's grand project.

Sudoku is a simple example of a Constraint Satisfaction Problem (CSP). The problem to solve is putting a number in each square, with the constraint that no row, column, or block can contain a repeating number. CSPs traverse many domains in computer science, including in AI, where tasks including resource allocation, planning, scheduling, and decision-making all are formulated as CSPs.

Contributor Bio

Donald E. Knuth is known throughout the world for his pioneering work on algorithms and programming techniques, for his invention of the TEX and METAFONT systems for computer typesetting, and for his prolific and influential writing (26 books, 161 papers). Professor Emeritus of The Art of Computer Programming at Stanford University, he currently devotes full time to the completion of his seminal multivolume series on classical computer science, begun in 1962 when he was a graduate student at California Institute of Technology. Professor Knuth is the recipient of numerous awards and honors, including the ACM Turing Award, the Medal of Science presented by President Carter, the AMS Steele Prize for expository writing, and, in November, 1996, the prestigious Kyoto Prize for advanced technology



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Paperback

256 Pages
Carton Qty: 0
Computers / Programming
COM051300

Status: **FORTHCOMING**

Effective Python (3rd Edition)
125 Specific Ways to Write Better Python
Brett Slatkin

No Image
Available

Key Selling Points:

A concise summary of the most important things programmers need to know about practical, real-world Python

- Ever more web applications and companies are moving to Python
- Python has become the most popular language for science and data analytics
- The author is a recognized expert on Python at Google
- Includes 135 items, 60 of which are new to this edition

Summary

Master the art of Python programming with 125 actionable best practices to write more efficient, readable, and maintainable code.

Python is a versatile and powerful language, but leveraging its full potential requires more than just knowing the syntax. *Effective Python: 125 Specific Ways to Write Better Python, 3rd Edition* is your comprehensive guide to mastering Python's unique strengths and avoiding its hidden pitfalls. This updated edition builds on the acclaimed second edition, expanding from 90 to 125 best practices that are essential for writing high-quality Python code.

Drawing on years of experience at Google, Brett Slatkin offers clear, concise, and practical advice for both new and experienced Python developers. Each item in the book provides insight into the "Pythonic" way of programming, helping you understand how to write code that is not only effective but also elegant and maintainable. Whether you're building web applications, analyzing data, writing automation scripts, or training AI models, this book will equip you with the skills to make a significant impact using Python.

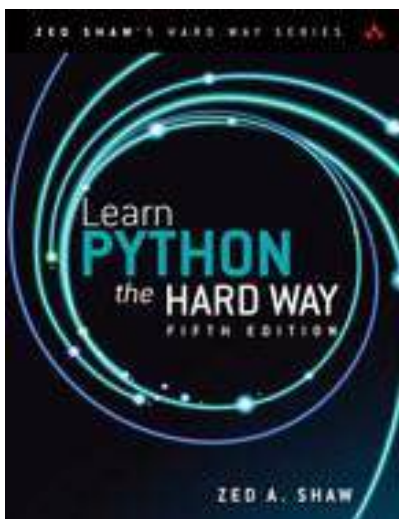
Contributor Bio

Brett Slatkin is a Principal Software Engineer at Google in the Office of the CTO, focusing on emerging technologies. He co-founded Google Surveys, launched Google Cloud's first product (App Engine), and co-created the PubSubHubbub protocol—all using Python. Brett has been writing Python code professionally for the past 19 years and has made numerous contributions to open-source projects.



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Paperback

608 Pages
Carton Qty: 0
Computers / Languages
COM051360
Series: Effective Software
Development Series
Status: **FORTHCOMING**



Learn Python the Hard Way (5th Edition)

Zed A. Shaw

Key Selling Points:

The Python programming book (and video) for everyone who always wanted to learn programming, but never thought they could!

- Python for beginners: a disciplined, practice-driven training method that works!
- By Zed Shaw: top blogger, outstanding teacher, renowned open source project leader
- Refined through Shaw's extensive instructional work online, where he attracts 10-20K visitors per day: an earlier online version of this book earned 500K+ downloads
- Completely updated with all new examples focused on using Python for data analysis

Summary

You Will Learn Python!

Zed Shaw has created the world's most reliable system for learning Python. Follow it and you will succeed--just like the millions of beginners Zed has taught to date! You bring the discipline, persistence, and attention; the author supplies the masterful knowledge you need to succeed.

In ***Learn Python the Hard Way, Fifth Edition***, you'll learn Python by working through 60 lovingly crafted exercises. Read them. Type in the code. Run it. Fix your mistakes. Repeat. As you do, you'll learn how a computer works, how to solve problems, and how to enjoy programming . . . even when it's driving you crazy.

- Install a complete Python environment
- Organize and write code
- Fix and break code
- Basic mathematics
- Strings and text
- Interact with users
- Work with files
- Looping and logic
- Object-oriented programming
- Data structures using lists and dictionaries
- Modules, classes, and objects
- Python packaging
- Automated testing
- Basic SQL for Data Science
- Web scraping
- Fixing bad data (munging)...

Contributor Bio

Zed A. Shaw is the author of the popular books, *Learn Python the Hard Way*, *Learn Ruby the Hard Way*, and *Learn C the Hard Way*. He is also the creator of several open source software projects and has been programming and writing for nearly 30 years. Most of his free time is devoted to the study of painting and art history.



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Computers / Languages
COM051360
Series: Zed Shaw's Hard Way
Series

9.1 in H | 7 in W | 0.7 in T | 1.3 lb
Wt
Status: **ACTIVE**



Better Python Code

A Guide for Aspiring Experts

David Mertz

Key Selling Points:

Python makes coding too easy; move beyond code that "mostly works" to code that is expressive, robust, and efficient.

- Quite simply - this book is about writing better Python code
- Broad approach to Pythonic best practices including key insights for programmers new to Python but bringing the baggage of their old coding practices
- Based on latest Python release, 3.12
- Written by a long-time expert on Python

Summary

Move Beyond Python Code That "Mostly Works" to Code That Is Expressive, Robust, and Efficient

Python is arguably the most-used programming language in the world, with applications from primary school education to workaday web development, to the most advanced scientific research institutes. While there are many ways to perform a task in Python, some are wrong, inelegant, or inefficient. **Better Python Code** is a guide to "Pythonic" programming, a collection of best practices, ways of working, and nuances that are easy to miss, especially when ingrained habits are borrowed from other programming languages.

Author David Mertz presents concrete and concise examples of various misunderstandings, pitfalls, and bad habits in action. He explains why some practices are better than others, based on his 25+ years of experience as an acclaimed contributor to the Python community. Each chapter thoroughly covers related clusters of concepts, with chapters sequenced in ascending order of sophistication.

Contributor Bio

David Mertz has been a member of the Python community for 25 years. He has taught Python to scientists, developers coming from other languages, and to programming neophytes. He was a director of the Python Software Foundation (PSF) for six years and continues to serve on, or chair, a variety of PSF working groups. David is the author of several technical books and has given keynote addresses at numerous international programming conferences.



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Computers / Languages
COM051360
9.3 in H | 7.1 in W | 0.5 in T | 1 lb
Wt
Status: **ACTIVE**



Learn JavaScript the Hard Way

Zed A. Shaw

Key Selling Points:

Takes a true beginner from knowing nothing about programming to understanding the basics of programming with JavaScript.

- Zed has a fun, proven method for teaching programming to absolute beginners
- JavaScript is perhaps the most widely used programming language in the world
- The demand for people who know JavaScript is keen
- Teaches a thoroughly modern, up-to-date version of JavaScript

Summary

JavaScript is arguably the most successful language in the world, being found in everything from web browsers, to servers, to phones, and even in billion dollar desktop applications. As a result there is a huge demand in the marketplace for people who know how to program in JavaScript, and a corresponding demand for material which teaches JavaScript clearly and thoroughly.

While there are many books available which purport to teach JavaScript to beginners, even the most popular ones assume some basic knowledge of programming practice. This book, in contrast, is written for the true beginner. The author, Zed Shaw, is widely known for his unique system of teaching introductory programming, the "Hard Way Method", which has been used successfully by millions of people. Readers appreciate that he truly starts at the very beginning. As they learn more, they will grow to appreciate both the thoroughness of his coverage and the fact that the material is completely up to date with current JavaScript.

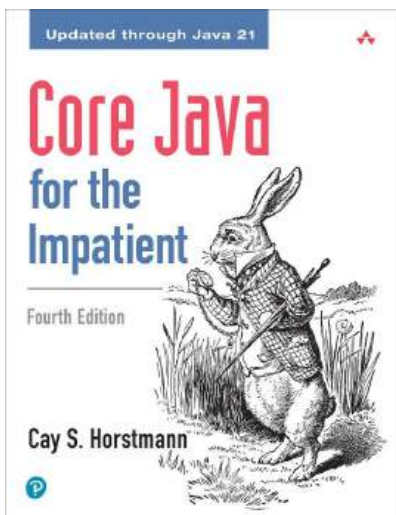
Contributor Bio

Zed A. Shaw is the author of the popular books, *Learn Python the Hard Way*, *Learn Ruby the Hard Way*, and *Learn C the Hard Way*. He is also the creator of several open source software projects and has been programming and writing for nearly 25 years. Most of his free time is devoted to the study of painting and art history.



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240 Pages
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Computers / Internet
COM060160
Series: Zed Shaw's Hard Way
Series
Status: **FORTHCOMING**



Core Java for the Impatient (4th Edition)

Cay Horstmann

Key Selling Points:

Provides accessible coverage of Java features that will enable readers to:

- Master foundational techniques, idioms, and best practices for writing superior Java code
- Leverage the power of input/output
- Improve performance and efficiency
- Fully utilize multicore processors with Java's improved concurrency

Summary

Clear, Concise Guide to the Core Language and Libraries--Updated through Java SE 21

Modern Java introduces major enhancements that impact the core Java technologies and APIs at the heart of the Java platform. Many old Java idioms are no longer needed, and new features and programming paradigms can make you far more effective. However, navigating these changes can be challenging.

Core Java for the Impatient, Fourth Edition, is a complete yet concise guide that reflects all changes through Java SE 21, Oracle's latest Long-Term Support (LTS) release. Written by Cay S. Horstmann--author of the classic two-volume *Core Java*--this indispensable tutorial offers a faster, easier pathway for learning modern Java.

Horstmann covers everything working developers need to know, including the powerful concepts of lambda expressions and streams, modern constructs such as records and sealed classes, and sophisticated concurrent programming techniques. Given the size and scope of Java SE 21, there's plenty to cover, but it's presented in small chunks organized for quick access and easy understanding, with plenty of practical insights and sample code to help you quickly apply all that's new.

Contributor Bio

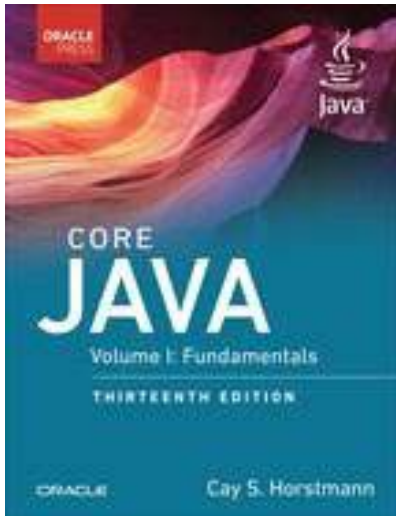
Cay Horstmann is the author of *Core Java*, Vol. 1 & 2, which is currently in its 13th edition, as well as *Modern JavaScript for the Impatient* (2020), *Core Java for the Impatient*, Third Edition (2022), *Scala for the Impatient*, Third Edition (2022), all from Addison-Wesley. He has written more than a dozen other books for professional programmers and computer science students.



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Trade Paperback

504 Pages
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Status: **FORTHCOMING**



Core Java, Volume I (13th Edition) Fundamentals

Cay S. Horstmann

Key Selling Points:

Fully updated edition of the classic guide to Java

- Renowned for the quantity and quality of its examples
- Covers Java through version 21, the recent Long Term Release version
- Written by Cay Horstmann, one of the most trusted names in Java
- Authorized by Oracle

Summary

The Classic Guide to the Java Programming Language--Fully Updated through Java 21

Whatever version of Java you are using, **Core Java, Volume I: Fundamentals, Thirteenth Edition**, will help you achieve a deep and practical understanding of the language and APIs. With hundreds of realistic examples, Java Champion Cay S. Horstmann demonstrates the most powerful and effective ways to get the job done.

Written for experienced programmers looking for in-depth coverage of the Java language and platform, this revised and updated edition continues to be the first choice for serious programmers. The carefully crafted sample programs demonstrate almost every language and library feature, as well as the newest capabilities introduced in Java 21. The examples are purposefully simple to focus on the major points, but, for the most part, they aren't fake and they don't cut corners. They should make good starting points for your own code.

This first of two volumes offers a detailed treatment of fundamental Java programming topics, including object-oriented programming, reflection and proxies, interfaces and inner classes, exception handling, generics, collections, lambda expressions, concurrency, annotations, and the Java Platform Module System.

Contributor Bio

Cay S. Horstmann is the author of *Modern JavaScript for the Impatient* (2020), *Core Java for the Impatient, Third Edition* (2022), *Scala for the Impatient, Second Edition* (2016), and *Java SE 8 for the Really Impatient* (2014), all from Addison-Wesley. He has written more than a dozen other books for professional programmers and computer science students. He is an emeritus professor of computer science.



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Computers / Languages
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11 in H | 8.5 in W | 1.8 in T | 3.2 lb Wt
Status: **ACTIVE**



Core Java, Volume II (13th Edition)

Advanced Features

Cay S. Horstmann

Key Selling Points:

Fully updated edition of the classic guide to Java

- Renowned for the quantity and quality of its examples
- Covers Java through version 21, the recent Long Term Release version
- Written by Cay Horstmann, one of the most trusted names in Java
- Authorized by Oracle

Summary

The Classic Guide to Advanced Java Programming: Fully Updated for Java 21

Core Java is the leading no-nonsense tutorial and reference for experienced programmers who want to write robust Java code for real-world applications. Now, **Core Java, Volume II: Fundamentals, Thirteenth Edition**, has been revised to cover the new features and enhancements in the Java 21 long-term support release. As always, all chapters have been completely updated, outdated material has been removed, and the new APIs are covered in detail.

This volume focuses on the advanced topics that a programmer needs to know for professional software development and includes authoritative coverage of enterprise programming, networking, databases, security, internationalization, and native methods, as well as complete chapters on the Streams, XML, Date and Time, Scripting, and Compilation APIs. In addition, the chapters on Swing and Graphics cover techniques that are applicable to both client-side user interfaces and server-side generation of graphics and images.

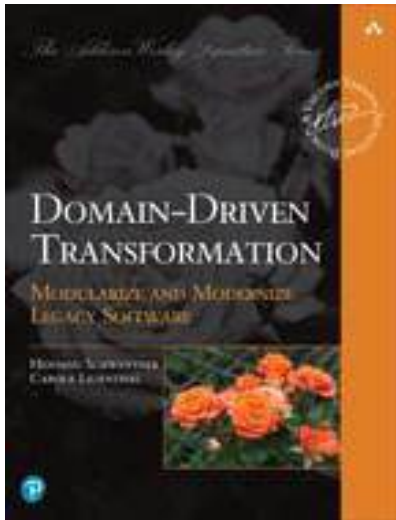
Contributor Bio

Cay S. Horstmann is the author of *Modern JavaScript for the Impatient* (2020), *Core Java for the Impatient, Third Edition* (2022), *Scala for the Impatient, Second Edition* (2016), and *Java SE 8 for the Really Impatient* (2014), all from Addison-Wesley. He has written more than a dozen other books for professional programmers and computer science students. He is an emeritus professor of computer science



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Wt
Status: **ACTIVE**



Domain-Driven Transformation Modularize and Modernize Legacy Software

Carola Lilienthal, Henning Schwentner

Key Selling Points:

The first book to bring together Refactoring and Domain-Driven Design

- All organizations that use software will eventually run into the problems this book helps to solve.
- Lilienthal is one of the top researchers in the field and even holds a PhD in modernizing legacy software.
- Existing DDD books focus on applying it in the greenfield; this book shows how to use it to transform existing software.
- Part of Vaughn Vernon's Signature Series

Summary

Modernize and modularize your legacy software with a combination of Domain-driven Design (DDD), Refactoring, Collaborative Modeling, Team Topologies

All old software systems suffer from several "diseases": the systems have a bad structure, development is painful and slow, the team organization doesn't fit. On the other hand, these systems have become old for a reason: they did their job well. So, it is worth the trouble to dig out the treasure of domain knowledge that is hidden below years (maybe even decades) of technological dust.

Using the tools from Domain-Driven Design and combining them with other methods helps in modernizing such systems. Thus, we can bring them back into a state where they are ready for the modern world.

In this book, the authors will describe their way of using DDD to transform "Big-Ball-of-Mud-Style" legacy software into modern, modular systems.

Readers will look at several example software systems that the authors have formed after their practical experience. Also, the authors will tell many "stories from the trenches" where they explain what has helped in real-world projects.

Contributor Bio

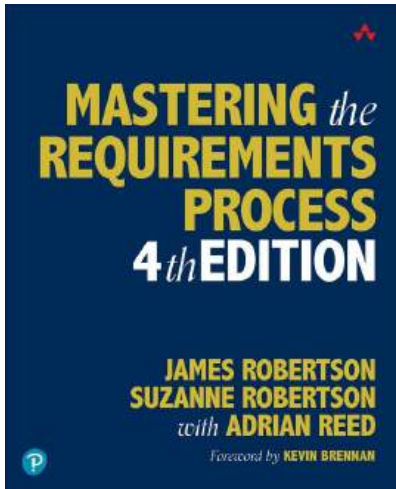
Carola Lilienthal (Hamburg, Germany) is managing director of WPS - Workplace Solutions GmbH. She's been developing software architectures according to the principles of Domain-Driven Design with her teams for more than 15 years and has been regularly analyzing the future viability of software architectures on behalf of her customers since 2003.



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Development & Engineering
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Series (Vernon)

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Paperback

656 Pages
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Computers / Software
Development & Engineering
COM051230

Status: **FORTHCOMING**

Mastering the Requirements Process (4th Edition)

James Robertson, Suzanne Robertson, Adrian Reed

Key Selling Points:

This bestselling guide to gathering and verifying requirements has been significantly updated to align with today's development practices

- Incorporates agile development without abandoning traditional linear approaches
- Demonstrates how agile and linear can co-exist, and how all projects, agile and serial, need requirements in one form or another
- Shows how design permeates every activity in the developmental cycle
- Significant emphasis on prototyping for requirements
- Emphasizes how to use the established requirements process in both serial and agile development environments
- Expands and builds on its process model, a proven success over three previous editions
- Retains content from previous editions that have been well-received, such as the popular Requirements Specification Template, fit criteria, snow cards, and other requirements tools
- Written by two of the foremost experts on requirements in software

Summary

One of the joys of product development, whether it be software, service, or hardware, is getting it right. The way to get it right is to uncover the real business problem, and to write the requirements for the solution that best solves that problem.

Without the right requirements it is impossible to build the right solution. **Mastering the Requirements Process, Fourth Edition**, gives you an industry-proven process for getting to the essence of the business problem and then writing unambiguous and testable requirements for its solution.

This fourth edition is an almost complete rewrite that brings requirements discovery into today's world--it is the book for today's business analyst. Product owners and project leaders will also find it valuable as it explains how to discover precisely what the customer needs and wants, and to do it effectively in any business or project environment.

The book tells you how to:

Use the Volere requirements process to discover requirements in both traditional and agile environments

Incorporate off-the-shelf (OTS) solutions into your requirements discovery

Use artificial intelligence (AI) as part of your requirements discovery, and as part of your business solution

Use quickly sketched prototypes to explore the problem space

Understand functional and non-functional requirements

Write better agile stories

Make your requirements and stories measurable and testable using fit criteria

Use business events as the heartbeat of business analysis

Discover requirements in agile, commercial, and milspec project environments

James Robertson and **Suzanne Robertson** are two of the most respected names in business analysis and requirements discovery. During the Robertsons' careers, their books, templates, training, and consulting have helped hundreds of companies to upgrade their requirements discovery process. The Robertsons have written numerous books, among others the three previous editions of this book.

Effective Software Architecture

Building Better Software Faster

Oliver Goldman

No Image
Available

Key Selling Points:

Learn the secrets of running an effective software architecture function within a product development organization to produce better software, faster

- Explains how to make architecture work for you and your organization
- Provides guidance for effective design, decision making, and communication
- Explains how architecture functions within the software development process

Summary

Leverage software architecture as an effective tool for product development and build better software faster.



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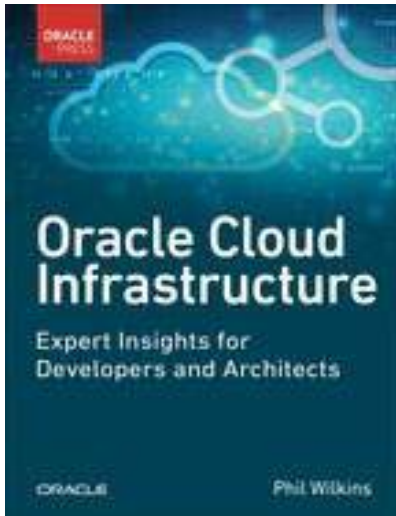
240 Pages
Carton Qty: 36
Computers / Software
Development & Engineering
COM051230

9.2 in H | 6.9 in W | 0.4 in T | 0.9
lb Wt
Status: **ACTIVE**

-
Effective Software Architecture is the essential handbook for making software architecture an effective practice within product development organizations and processes while putting whole software teams on the same page. Industry elite **Oliver Goldman** provides a comprehensive perspective on the set of real-world skills and practices this work requires: a predictable, repeatable design process; the ability to make decisions expediently and effectively; a comprehensive and consistent communication strategy; tools that promote efficiency; and a team that is greater than the sum of its parts.

Goldman's engaging prose articulates why software architecture is essential to building great software products, release after release. Rather than focusing on a specific architectural style or technology, this book's goal is to make software architects better at managing change, design, decision making, and team communication while helping software product managers, program managers, UX designers, and other team members understand how architecture functions within the software development process

Oliver Goldman leads the AEC software architecture practice at Autodesk. He has thirty years of industry experience delivering innovative products in distributed real-time interaction, scientific computing, financial systems, mobile application development, and cloud architecture at Adobe and other employers.



Oracle Cloud Infrastructure - Expert Insights for Developers and Architects

Phil Wilkins

Key Selling Points:

The definitive practical exploration of Oracle Cloud technologies and best practices: unsurpassed insights from a team of world-class Oracle experts

- Practical insights from the trenches, by world-renowned Oracle developers, including Oracle Ace Directors, A-Team members, and product manager
- Unsurpassed breadth and depth: converged databases, data visualization, Apex low-code, APIs, integration, DevOps, serverless, Kubernetes, Web 3.0, and much more
- For developers and architects working in all facets of Oracle Cloud development - including OCI newcomers who need to become productive and effective quickly

Summary

The most indispensable resource for Oracle Cloud Infrastructure (OCI) developers, architects, and other technical professionals at all levels!

Oracle Cloud Developer Evangelist and long-time Oracle Ace Director Phil Wilkins has brought together expert-authored, practical content across an unprecedented range of Oracle Cloud Infrastructure (OCI) technologies. In each chapter, a leading expert draws on extensive in-the-trenches experience to demonstrate how you can make the most of one core OCI product, and where it fits into overall Oracle Cloud solutions. From use cases to code, you'll find expert, in-depth coverage of Oracle database-centered technologies, cloud-native development, and integration and platform services, including:

- Converged databases
- Low-code development
- Data intelligence, visualization, and reporting
- JSON
- Serverless approaches
- Kubernetes and service meshes
- Modern Java development
- API monetization
- ACI services and Oracle integration
- Richer user interaction
- Web 3.0
- Platform as a Ser...

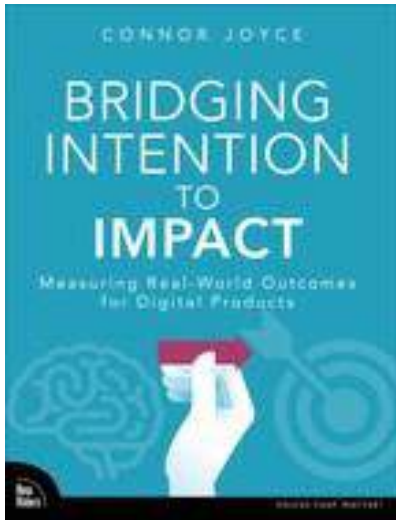
Contributor Bio

Phil Wilkins (Hampshire, England, UK) recently joined Oracle as a Cloud Developer Evangelist and is a long-time Ace Director who has worked with both consulting organizations and Oracle customer organizations. He specializes in cloud-native application development and integration, and has written about these topics in blogs, journals, and three previous books. He is actively involved in user group...



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COM091000
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336 Pages
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Business & Economics /
Marketing
BUS043000

9.1 in H | 7.2 in W | 0.7 in T | 1.3
lb Wt

Status: **FORTHCOMING**

Bridging Intention to Impact

Transforming Digital Product Development through Evidence-Based Decision-Making

Connor Joyce

Key Selling Points:

This book pioneers a revolutionary perspective on digital product development.

- Grounded in innovative theoretical insights and applicable practical frameworks
- Empowers readers to implement transformative changes quickly
- Based on the evolving landscape of applied research in the last decade
- Proposes a robust approach that firmly anchors product enhancements to the needs of end-users and businesses
- Offers a comprehensive vision to harmonize applied research endeavors
- Meticulously breaks down every step necessary to drive genuine organizational change
- Fosters a future-forward approach that enhances outcomes, and assures strategic alignment

Summary

In *Bridging Intention to Impact: Transform Product Development through Evidence-Based Decision-Making*, Connor Joyce, a seasoned user researcher and product strategist, offers a groundbreaking guide for product managers and teams seeking to elevate their digital products from engaging to impactful.

Packed with practical tools and frameworks, examples from startups through enterprises across industries, and generative AI prompts, this book helps product teams immediately begin taking steps toward a more experimental and evidence-driven culture.

Joyce illustrates how this approach can empower companies to adapt to shifting user needs and technology by reframing their digital products as dynamic solutions designed to maximize behavior change, user outcomes, and, ultimately, business impacts, including decreasing churn, increasing customer lifetime value, and lowering customer acquisition costs.

Join the growing movement of product leaders embracing the Impact Mindset and unlock your team's potential to make data-driven decisions that lead to impactful products that satisfy user needs and generate positive business outcomes.

Contributor Bio

Connor Joyce is a Senior User Researcher at Microsoft and CEO of Desired Outcome Labs. He is a mixed-methods researcher, product builder, and behavioral scientist with experience at Deloitte, Twilio, and a collection of startups. Connor is a startup advisor, co-founder of the Applied Behavioral Science Association and a frequent contributor to numerous publications.

Machine Learning Foundations

Roi Yehoshua

No Image
Available

Key Selling Points:

Machine Learning mastered, from theory to practice

- Most machine learning books focus on either the theory or the practice; this book provides the perfect balance of both
- Based on the author's extensive experience teaching ML in both the classroom and to industry professionals

Summary

Most machine learning books are either too theoretical -- aimed at undergraduates and graduates with a suitable mathematical background -- or solely prescriptive, without enough theory to help the practitioner understand the "why" behind the practice.

This book aims to fill that gap by interweaving the explanations of the theory and the algorithms of the models with code examples in Python, allowing it to make a direct connection between them, and discuss the implications of changing different settings of the model on the model's performance. This contrasts with other textbooks in machine learning, where code examples are provided as a supplementary material and not discussed in the text itself.

The book explains complex concepts in a clear and intuitive manner, which makes it accessible to beginners, and it provides many illustrations, code examples, case studies, and a vast assortment of problems and assignments (both theoretical and programming assignments), making it ideal for classroom use.

Contributor Bio

Roi Yehoshua (Boston, MA) is a Teaching Professor at Northeastern University in Boston, teaching classes that make up the Master's program in Data Science, including algorithm design, data processing, machine learning, data mining, and data visualization. He also advises PhD students doing research in machine learning and robotics at the College of Engineering. His work has been published in more than 10 papers at the top AI conferences and journals.



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Computers / Artificial Intelligence
COM004000
Series: n/a
Status: **FORTHCOMING**

Just Enough Data Science and Machine Learning

Essential Tools and Techniques

Mark Levene, Martyn Harris

No Image
Available

Key Selling Points:

A low-math, low-code introduction to applied data science and machine learning, using the bare minimal mathematics necessary to master the topic

- Makes data science and machine learning more accessible to a wider audience
- Looks at data science from an applied perspective and on the fundamental statistical concepts necessary to understand the subject
- Suitable for individual or classroom use
- Includes a full range of Instructor Resources for classroom use

Summary

This book introduces the core theories and concepts that are crucial for understanding the foundational and technical aspects of data science. It concentrates on the tools of data science and machine learning rather than on advanced theory, and it aims to present an overview of data science using the bare minimal mathematics the authors feel necessary to master the topic.

The book is packed with examples to reinforce the concepts using real-world data sets; however, the authors do not use Python code in the book to demonstrate the principles. Instead, they use pseudo code to present the algorithms to increase longevity (preventing future broken code examples due to language update), and all Python notebooks used to generate the data samples and visual plots will be provided as supporting material on an external website. This will enable readers to reproduce the example data table summaries and plots presented in each chapter without knowledge of Python being a crucial element of the book.

Contributor Bio

Professor **Mark Levene** (Teddington, UK) is a Principal Research Scientist in the Data Science Department at the National Physical Laboratory (NPL). His main expertise is in Applied Machine Learning, Search Engine Technology, Computational Social Science and Human Dynamics. He is also emeritus professor of Computer Science at Birkbeck University of London.



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Paperback

300 Pages
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Business & Economics /
Information Management
BUS083000
Series: Addison-Wesley Data &
Analytics Series
Status: **FORTHCOMING**

Data Analytics Common Core

Parallel Case Studies in Excel, Tableau, R and Python

Eric Gaze, McKenzie Lamb

No Image
Available

Key Selling Points:

- Guides users from Excel to powerful tools like Python, R, and Tableau.
- Demonstrates real-world data analysis across multiple platforms.
- Enhances understanding of data analysis principles through comparative problem-solving.

Summary

Expand your data analysis toolkit with Python, R, and Tableau

Data Analytics Common Core is designed to help professionals transition from spreadsheet-based analysis to more powerful tools like Python, R, and Tableau. With spreadsheets being the foundation of modern data analysis, this book bridges the gap for those without innate programming skills, offering a practical guide to enhancing your data analysis toolkit.

Through a series of real-world case studies, the book demonstrates how to create the same graphics using Excel, Tableau, Python, and R. By starting with Excel and gradually moving to more advanced tools, readers will learn the strengths and limitations of each platform. This comparative approach not only teaches how to use these tools but also deepens understanding of core data analysis concepts, making it easier to choose the right tool for each task.

Ideal for both beginners and those looking to expand their existing skills, *Data Analytics Common Core* provides step-by-step instructions, including software installation and file management, to ensure a smooth transition. Whether you're just starting out or looking to enhance your data visualization and analysis capabilities, this book is a valuable resource for mastering Python, R, and Tableau.

Contributor Bio

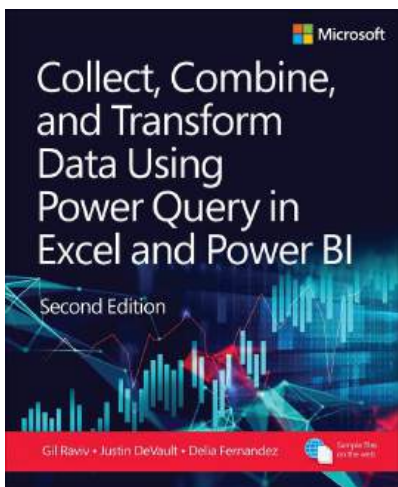
Eric Gaze directs the Quantitative Reasoning (QR) program at Bowdoin College, is Chair of the Baldwin Center for Learning and Teaching, and is a Senior Lecturer in the Mathematics Department. He is the current President of the National Numeracy Network (NNN 2013 - 2019), and a past chair of SIGMAA-QL (2010-12).



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432 Pages
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Computers / Business &
Productivity Software
COM054000
Series: Business Skills
Status: **FORTHCOMING**

Collect, Combine, and Transform Data Using Power Query in Excel and Power BI (2nd Edition)

Daniil Maslyuk, Gil Raviv

Key Selling Points:

This book shows you how to use Excel and Power BI to transform unprepared data from a variety of sources into reports that offer real insights.

- Completely revised and updated to cover changes and new technologies since the first edition, including Power BI Dataflows and Data Marts.
- Save time by eliminating the pain of copying and pasting data into workbooks and then manually cleaning that data.
- Gain productivity by properly preparing data yourself, rather than relying on others to do it.
- Gain efficiency by reducing the time it takes to prepare data for analysis, and make informed decisions more quickly.

Summary

Using Power Query, you can import, reshape, and cleanse any data from a simple interface, so you can mine that data for all of its hidden insights. Power Query is embedded in Excel, Power BI, and other Microsoft products, and leading Power Query expert Gil Raviv will help you make the most of it. Discover how to eliminate time-consuming manual data preparation, solve common problems, avoid pitfalls, and more. Then, walk through several complete analytics challenges, and integrate all your skills in a realistic chapter-length final project. By the time you're finished, you'll be ready to wrangle any data-and transform it into actionable knowledge.

This second edition covers important updates as the technology has evolved. In addition to the updates, new chapters have been added to cover new and exciting technologies introduced by Microsoft such as Power BI Dataflows and Data Marts.

Prepare and analyze your data the easy way, with Power Query
Quickly prepare data for analysis with Power Query in Excel (also known as Get & Transform) and in Power BI

Solve common data preparation problems with a few mouse clicks and simple formula edits

Combine data from multiple sources, multiple queries, and mismatched tables
Master basic and advanced techniques for unpivoting tables

Customise transformations and build flexible data mashups with the M formula language

Address collaboration challenges with Power Query

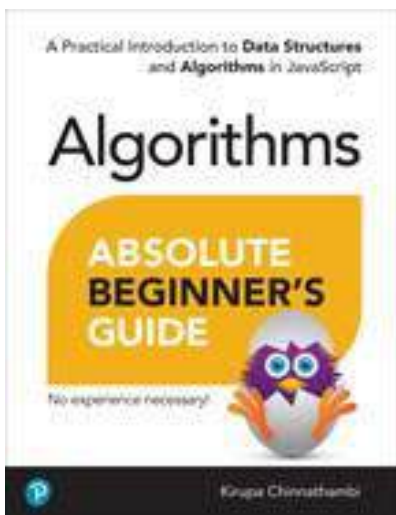
Gain crucial insights into text feeds

Streamline complex social network analytics so you can do it yourself

Contributor Bio

Daniil Maslyuk (MCSA: BI Reporting; MCSE: Data Management and Analytics) is a Microsoft business intelligence consultant who specializes in Power BI, Power Query, and Power Pivot; the DAX and M languages; and SQL Server and Azure Analysis Services tabular models. Daniil blogs at xxlbi.com and tweets as @DMaslyuk.

Gil Raviv (Chicago) is a Microsoft MVP and a Power BI blogger at <https://DataChant.com>



Addison-Wesley Professional
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Paperback

416 Pages
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Computers / Programming
COM051300
Series: Absolute Beginner's Guide
9.3 in H | 7 in W | 0.8 in T | 1.5 lb
Wt
Status: **ACTIVE**

Absolute Beginner's Guide to Algorithms

A Practical Introduction to Data Structures and Algorithms in JavaScript

Kirupa Chinnathambi

Key Selling Points:

The easy, friendly way to master the algorithms and data structures every programmer needs to know

- Illuminates concepts and theory with working JavaScript implementations
- Helps you write more efficient code, no matter what programming languages you use
- Comprehensive coverage: arrays, hash tables, linked lists, stacks, queues, graphs, recursion, performance optimization, searches, sorts, A*, and much more
- Includes many popular examples, from Towers of Hanoi to ciphers and the Fisher-Yates Shuffle
- Author's companion video available to make algorithms and data structures even easier to understand
- Perfect for developers who need to demonstrate understanding of algorithms and data structures in job interviews

Summary

A hands-on, easy-to-comprehend guide that is perfect for anyone who needs to understand algorithms.

With the explosive growth in the amount of data and the diversity of computing applications, efficient algorithms are needed now more than ever. Programming languages come and go, but the core of programming--algorithms and data structures--remains the same.

Absolute Beginner's Guide to Algorithms is the fastest way to learn algorithms and data structures. Using helpful diagrams and fully annotated code samples in Javascript, you will start with the basics and gradually go deeper and broader into all the techniques you need to organize your data.

- Start fast with data structures basics: arrays, stacks, queues, trees, heaps, and more
- Walk through popular search, sort, and graph algorithms
- Understand Big-O notation and why some algorithms are fast and why others are slow
- Balance theory with practice by playing with the fully functional JavaScript implementations of all covered data structures and algorithms

Contributor Bio

Kirupa Chinnathambi has spent most of his life teaching others to love web development as much as he does. He founded KIRUPA, one of the Web's most popular free web development education resources, serving 210,000+ registered members. Now a product manager at Google, he has authored several books, including *Learning React* (2017). He holds a B.S. in computer science from MIT.



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Technology & Engineering /
Telecommunications
TEC041000
Series: Networking Technology
Status: **FORTHCOMING**

Wi-Fi 7 In Depth

Your guide to mastering Wi-Fi 7, the 802.11be protocol, and their deployment

Jerome Henry, Brian Hart, Binita Gupta, Malcolm Smith

Key Selling Points:

An essential guide for networking professionals responsible for implementing WiFi 7

- Takes a technical and practical approach—you will learn about the principles of the standard and how to configure it
- The authors are experts with insider knowledge of the protocol development

Summary

An essential guide for networking professionals responsible for implementing Wi-Fi 7

-

Join wireless networking experts Jerome Henry, Brian Hart, Binita Gupta, and Malcolm Smith on this deep dive into Wi-Fi 7 and 802.11be. The authors share their practical experience to show you how to design and optimize your network to fully leverage Wi-Fi 7's new capabilities and deepen your understanding of the latest wireless networking advancements.

You will learn the inner workings of Wi-Fi 7 PHY and MAC improvements like triggered uplink access, puncturing, rTWT, and SCS QC. You will explore the new possibilities of multi-link operations and learn why clients will come in five possible MLO modes that dramatically affect the expectations you can have for their performances. You'll gain real-world insights into protocol implementation and its effects on Wi-Fi cell design, roaming efficiency, and overall network performance.

This book is an invaluable resource for anyone who designs, manages, and optimizes wireless networks or works with 802.11, from network architects and wireless network administrators to network engineers, and it offers practical guidance for anyone who needs the knowledge and expertise to stay ahead in the evolving Wi-Fi technology landscape.

Contributor Bio

Jerome Henry is a Distinguished Engineer in the Office of the Wireless CTO at Cisco Systems. He is a certified wireless networking expert (CWNE No. 45), Wireless CCIE (No. 24750), and has authored multiple books and video courses focusing on wireless technologies.

Brian Hart is a Principal Engineer in the Cisco Wireless group. He has been an IEEE 802.11

Network Automation with Go

Vinit Jain

No Image
Available

Key Selling Points:

All the knowledge you need to program networks and use network automation tools with the best language for the job: Go

- Use programmability and automation to rapidly deploy new network infrastructure, manage existing infrastructure, improve agility, and reduce cost
- Covers all Cisco network operating system environments: IOS-XE, IOS-XR and NX-OS
- Helps you achieve better code quality, concurrency, and application performance than is typically possible with Python
- Requires minimal knowledge of computer networking: explains the concepts you need to create high-value network programmability and automation solutions

Summary

As networks grow ever larger and more complex, automation is crucial to their success, and developers that can write effective automation tools and applications have a major competitive advantage. This code must be optimized for quality, concurrency, performance, and scalability. This is far easier to achieve with Go than Python or other conventional languages.

Network Automation using Go is a start-to-finish guide to using Go to build scalable and high performing network automation tools for enterprise, service provider, and data center environments. You'll first gain expertise and confidence with key Go language facilities, from concurrency to data serialization, RESTful APIs, RPCs, and WebSockets. Next, you'll use your new Go skills to interact with network elements and automate operations and tasks across your network infrastructure. Along the way, you'll also learn how to make the most of the powerful Gornir package for network automation. By the time you've completed this guide, y...

Contributor Bio

Vinit Jain, CCIE No. 22854 (R&S, SP, Security & DC), is a Senior Technical Leader for Network Engineering at Cisco focused on architecting network infrastructure for edge computing solutions. He previously worked as a Network Development Engineer as part of Amazon's backbone network operations team and as a technical leader at Cisco Technical Assistance Center (TAC), providing escalation support i...



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300 Pages
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Computers / System
Administration
COM088000
Series: Safari Live Training
Status: **FORTHCOMING**

Redefining Hacking

A Comprehensive Guide to Red Teaming and Bug Bounty Hunting

Omar Santos, Savannah Lazzara, Barrett Darnell, Wesley Thurner

No Image
Available

Key Selling Points:

An essential, cutting-edge guide to protecting your organization and its data

- Offers a forward-thinking perspective by exploring how emerging technologies like AI and quantum computing are shaping the future of ethical hacking.
- Hands-On Practicality: the book is loaded with real-world case studies, hands-on exercises, and review questions.
- It's a one-stop resource for both understanding and practicing red teaming and bug bounty hunting.
- Together, the 4 authors all co-lead the DEF CON Red Team Village. They are also all recognized experts in Red Teaming and offensive security.

Summary

Cybersecurity is a well established concern that affects all sectors of society- from multinational corporations to individual internet users. This book is an authoritative guide that looks at the future trends, technologies, and ethical considerations in the realm of ethical hacking. This book covers the future trajectories of two critical ethical hacking domains: red teaming and bug bounty hunting. This book aims to redefine the very notion of ethical hacking by exploring cutting-edge techniques, methodologies, and tools through real-world hands-on examples. This book equips cybersecurity professionals, ethical hackers, red teamers, bug bounty hunters, and tech enthusiasts with the knowledge they need to stay ahead of emerging trends in ethical hacking. The vision behind the book is to offer a forward-thinking analysis and a practical guide for learning modern hacking techniques in red teaming and bug bounty hunting. The authors aim to make this book indispensable for experienced cybersecurity practitioners while also being accessible to newcomers interested in ethical hacking and incident response.

Contributor Bio

Omar Santos (Raleigh, NC) is a cybersecurity thought leader with a passion for driving industry-wide initiatives to enhance the security of critical infrastructures. Omar is a distinguished engineer at Cisco's Security and Trust Organization leading AI Security and Vulnerability Research. Omar is a board member of the OASIS Open standards organization, the chair of the Common Security Advisory Framework (CSAF) technical committee, and the founder of OpenEoX. Omar's collaborative efforts extend to numerous organizations, including the Forum of Incident Response and Security Teams (FIRST) and the Industry Consortium for Advancement of Security on the Internet (ICASI). Omar is a renowned expert in ethical hacking, vulnerability research, and incident response. He employs his deep understanding of these disciplines to help organizations stay ahead of emerging threats. His dedication to cybersecurity has made a significant impact on businesses, academic institutions, law enforcement agencies, and other entities striving to bolster their security measures.



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Computers / Security
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Pearson Professional Computing Microsoft Press



Microsoft Press
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Paperback

432 Pages
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Computers / Data Science
COM021040
Series: Business Skills
Status: **FORTHCOMING**

Prepare and analyze your data the easy way, with Power Query

Quickly prepare data for analysis with Power Query in Excel (also known as Get & Transform) and in Power BI

Solve common data preparation problems with a few mouse clicks and simple formula edits

Combine data from multiple sources, multiple queries, and mismatched tables

Master basic and advanced techniques for unpivoting tables

Customise transformations and build flexible data mashups with the M formula language

Address collaboration challenges with Power Query
Gain crucial insights into text feeds

Collect, Combine, and Transform Data Using Power Query in Power BI and Excel (2nd Edition)

Daniil Maslyuk, Gil Raviv

Key Selling Points:

This book shows you how to use Excel and Power BI to transform unprepared data from a variety of sources into reports that offer real insights.

- Completely revised and updated to cover changes and new technologies since the first edition, including Power BI Dataflows and Data Marts.
- Save time by eliminating the pain of copying and pasting data into workbooks and then manually cleaning that data.
- Gain productivity by properly preparing data yourself, rather than relying on others to do it.
- Gain efficiency by reducing the time it takes to prepare data for analysis, and make informed decisions more quickly.

Summary

Using Power Query, you can import, reshape, and cleanse any data from a simple interface, so you can mine that data for all of its hidden insights. Power Query is embedded in Excel, Power BI, and other Microsoft products, and leading Power Query expert Gil Raviv will help you make the most of it. Discover how to eliminate time-consuming manual data preparation, solve common problems, avoid pitfalls, and more. Then, walk through several complete analytics challenges, and integrate all your skills in a realistic chapter-length final project. By the time you're finished, you'll be ready to wrangle any data-and transform it into actionable knowledge.

This second edition covers important updates as the technology has evolved. In addition to the updates, new chapters have been added to cover new and exciting technologies introduced by Microsoft such as Power BI Dataflows and Data Marts

Prepare and analyze your data the easy way, with Power Query

- Quickly prepare data for analysis with Power Que...

Contributor Bio

Daniil Maslyuk (MCSA: BI Reporting; MCSE: Data Management and Analytics) is a Microsoft business intelligence consultant who specializes in Power BI, Power Query, and Power Pivot; the DAX and M languages; and SQL Server and Azure Analysis Services tabular models. Daniil blogs at xxlbi.com and tweets as @DMaslyuk.

Gil Raviv (Chicago) is a Microsoft MVP and a Power BI blogger at <https://DataChant.com>

Microsoft Copilot Pro Step by Step

Lisa Crosbie

No Image
Available

Key Selling Points:

The official and definitive guide to Microsoft's popular new AI tool!

- A gentle introduction to Copilot Pro - one that works well both for beginners and for experts
- Deep dives into the key features of the integration of Copilot Pro with Microsoft 365 apps like Word, Outlook, PowerPoint and Excel - features that will transform organizational workflow and productivity
- A clear briefing on how to use these powerful new technologies safely and wisely with any organization
- Helps the reader adjust to this new way of working

Summary

Copilot Pro enables you to be more creative and productive, but using generative AI requires a whole new way of thinking - most users try once or twice, get poor results and give up. This book teaches them what they don't know and helps them get started with the right skills.

Copilot Pro adds generative AI experiences into the most used Microsoft applications - Outlook, Word, PowerPoint, Excel, and OneNote, enabling users to be more productive and creative by generating first drafts, editing and improving their work, easily understanding and finding pieces of information in large documents, and gaining new insights. It also allows users to generate text and images in a browser and via a mobile app, using the latest AI models. This is a completely new way of thinking and working - like having your own personal "enthusiastic intern" working side by side with you every day to take on the mundane and time-consuming tasks, freeing you up for more interesting and creative work. Generative AI has been everywhere in the media, with a huge hype cycle, but most everyday workers don't understand how it can be applied to their day-to-day work in a practical and transformative way.

Contributor Bio

Lisa Crosbie (Australia) is a 4-time Microsoft Most Valuable Professional and Microsoft Certified Trainer. She runs a successful YouTube channel with a very active community, where she provides tutorials and tips on how to use Microsoft Copilot and business applications, with a focus on making technology easy to understand for non-technical users. She has a reputation for breaking down technical ideas and providing clear explanations to help people keep up in a very fast-paced environment of change.



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432 Pages
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Computers / Business &
Productivity Software
COM084030
Series: Step by Step
Status: **FORTHCOMING**

The Definitive Guide to DAX (3rd Edition)

Alberto Ferrari, Marco Russo

No Image
Available

Key Selling Points:

The definitive guide to mastering the DAX language for any professional

- Completely updated and revised for the many changes in DAX in the last five years, including new content about Visual Calculations, Apply Semantics, and New Time Intelligence functions
- Popularity of DAX and Power BI continues to grow
- The authors have established their reputation as the foremost authorities on DAX

Summary

Newly expanded and updated with modern best practices, this is the most complete guide to Microsoft's DAX language for business intelligence, data modeling, and analytics.

Expert Microsoft BI consultants Marco Russo and Alberto Ferrari help you master everything from table functions through advanced code and model optimization. You'll learn exactly what happens under the hood when you run a DAX expression, and use this knowledge to write fast, robust code. This edition focuses on examples you can build and run with the free Power BI Desktop, and helps you make the most of the powerful syntax of variables (VAR) in Power BI, Excel, or Analysis Services. Want to leverage all of DAX's remarkable capabilities? This no-compromise "deep dive" is exactly what you need.

Perform powerful data analysis with DAX for Power BI, SQL Server, and Excel
Master core DAX concepts, incl calculated columns, measures and calculation groups
Work efficiently wit basic and advanced table functions
understand evaluation contexts and the CALCULATE and CALCULATETABLE functions
Perform time based calculations
Use calculation groups and calculation items
Use syntax of variables (VAR) to write more readable, maintainable code
Express diverse and unusual relationships with DAX including many-to-many relationships and bidirectional filters
Master advanced optimization techniques and improve performance in aggregations
Optimize data models to achieve better compression
Measure DAX query performance iwth DAX Studio and learn how to optimize your DAX

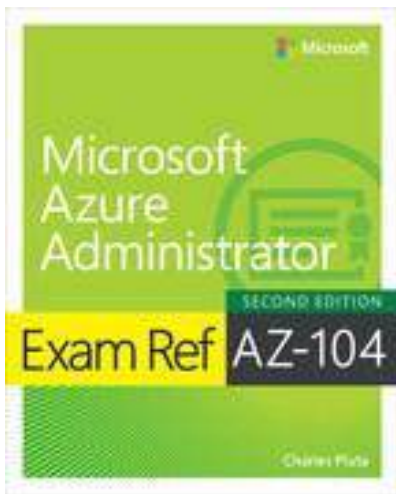
Contributor Bio

Marco Russo and **Alberto Ferrari** are the founders of sqlbi.com, where they regularly publish articles about Microsoft Power BI, Power Pivot, DAX, and SQL Server Analysis Services. They have worked with DAX since the first beta version of Power Pivot in 2009 and, during these years, sqlbi.com became one of the major sources for DAX articles and tutorials. Their courses, both in-person and online, are the major source of learning for many DAX enthusiasts.



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768 Pages
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Computers / Business &
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COM054000
Series: Business Skills
Status: **FORTHCOMING**



Microsoft Press
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Paperback

384 Pages
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Computers / Operating Systems
COM046050
Series: Exam Ref
9.3 in H | 7.4 in W | 0.9 in T | 1.4
lb Wt
Status: **ACTIVE**

Exam Ref AZ-104 Microsoft Azure Administrator (2nd Edition)

Charles Pluta

Key Selling Points:

The AZ-104 exam recently updated its list of topics. This revised edition addresses the latest version of the exam and changes in the Azure platform.

- Fully updated to reflect the major changes to the exam objectives
- Official training book from Microsoft Press
- The author is an expert on Azure systems, and has helped to develop both exams and training guides

Summary

Prepare for Microsoft Exam AZ-104 and demonstrate your real-world mastery and knowledge of Microsoft Azure administration. Designed for working Azure administrators, this Exam Ref focuses on the critical thinking and decision-making acumen needed for success at the Microsoft Certified Solutions Associate level.

Focus on the expertise measured by these objectives:

- Manage Azure identities and governance
- Implement and manage storage
- Deploy and manage Azure compute resources
- Implement and manage virtual networking
- Monitor and maintain Azure resources

This Microsoft Exam Ref:

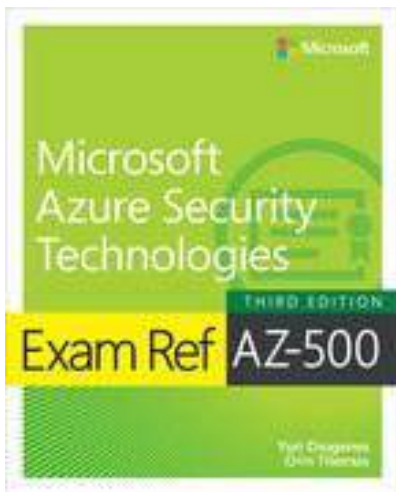
- Organizes its coverage by the Skills Measured list published for the exam
- Features strategic, what-if scenarios to challenge you
- Assumes you want to validate and demonstrate your command of managing Microsoft Azure cloud environments

About the Exam

Exam AZ-104 focuses on knowledge needed to manage Microsoft Entra ID, RBAC, subscriptions, and governance; manage storage accounts and Azure Storage data; configure Azure files and blob storage; configure VMs for high availability and scalability; automate VM deployment and configuration; create and configure VMs, containers, and Web Apps; implement, manage, secure, monitor, and troubleshoot virtual networking; configure name resolution and load balancing; integrate on-premises networks; monitor resources with Azure Monitor; implement backup and recovery.

Contributor Bio

Charles Pluta is a technical consultant and Microsoft Certified Trainer (MCT) who has authored several certification exams, lab guides, and learner guides for various technology vendors. As a technical consultant, Charles has assisted small, medium, and large organizations by deploying and maintaining their IT infrastructure. He is also a speaker, a staff member, or a trainer at several large annual industry conferences.



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336 Pages
Carton Qty: 0
Computers / Security
COM053000
Series: Exam Ref
Status: **FORTHCOMING**

Exam Ref AZ-500 Microsoft Azure Security Technologies (3rd Edition)

Yuri Diogenes, Orin Thomas

Key Selling Points:

Prepare for Microsoft's Exam AZ-500: demonstrate your skills in securing Azure solutions, and earn your valuable Microsoft Certified: Azure Security Engineer Associate credential

- Fully updated for the 2024 updates to the exam
- Authoritative and complete Exam AZ-500 preparation content, straight from Microsoft
- Covers managing identity and access, implementing platform protection, managing security operations, and securing data and applications
- Organized by exam objectives for efficient study
- Strategic, what-if scenarios help you master the big-picture thinking the exam demands
- Contains up-to-date exam preparation tips from leading Microsoft Azure security experts
- Features strategic, what-if scenarios to challenge you

Summary

Prepare for Microsoft Exam AZ-500: Demonstrate your real-world knowledge of Microsoft Azure security, including tools and techniques for protecting identity, access, platforms, data, and applications, and for effectively managing security operations. Designed for professionals with Azure security experience, this Exam Ref focuses on the critical thinking and decision-making acumen needed for success at the Microsoft Certified: Azure Security Engineer Associate level.

Focus on the expertise measured by these objectives:

- Manage identity and access
- Implement platform protection
- Manage security operations
- Secure data and applications

This Microsoft Exam Ref:

- Organizes its coverage by exam objectives
- Features strategic, what-if scenarios to challenge you
- Assumes you have expertise implementing security controls and threat protection, managing identity and access, and protecting assets in cloud and hybrid environments

Contributor Bio

YURI DIOGENES Yuri is the principal PM manager for the Microsoft CxE Microsoft Defender for Cloud Team, where he manages a team of PMs who are responsible for improving the product and helping customers deploy it. Yuri has been working for Microsoft since 2006 in different positions, including five years as a senior support escalation engineer for the CSS Forefront Edge Team.

Exam Ref DP-100 Designing and Implementing a Data Science Solution on Azure

Dayne Sorvisto

No Image
Available

Key Selling Points:

A comprehensive review for the concepts and skills covered on the Exam DP-100 Designing and Implementing a Data Science Solution

- Coverage maps 1-1 with the skills needed to pass the exam
- Also helps the reader become a better practitioner of data science.
- The author has extensive hands-on experience working with the technologies covered in the book and using the technologies to deploy real-world data science solutions to production
- Official guide from Microsoft Press

Summary

There are many IT professionals who already have experience with data science, building models using tools like Azure machine learning service. More advanced users may already be thinking about MLOps and how they include tools like MLFlow into their process after having identified the need for real-world use cases such as experiment tracking and model governance.. However, the skills required for the DP-100 exam will help these more advanced users bridge the conceptual gap between using the tools and successfully deploying the models to production as part of a real-world process that is delivering business value.

Exam Ref DP-100 is a reference. It maps 1-1 with the skills required for the DP-100 exam. The primary purpose is to serve as a review of concepts and scenarios that will help the reader pass the exam. However, the approach to the book is to provide the user the conceptual skills to bridge the gap between building the models and being a user of a tool like MLFlow to using the tools to build an end-to-end machine learning solution that can be deployed in production. The approach to guide the user in this direction is using concepts, scenarios, and thought experiments, while the approach to helping the reader pass the exam is providing adequate coverage of skills and exam tips throughout the reference.

Contributor Bio

Dayne Sorvisto (Calgary, AB) is currently a Staff data engineer for a Palo Alto based cybersecurity company. He is an Azure Machine Learning power user and developer; he has used the technology since the early versions working as both a software engineer and a Microsoft implementation consultant developing end-to-end pipelines operating in production in highly regulated industries such as Energy, Finance, and Telecommunications. He maintains a couple of active Microsoft Azure certifications so he knows first-hand what it is like to get a Microsoft certification. This perspective allows him to translate his expertise with designing and implementing real-world data science solutions at scale to an exam study guide.



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280 Pages
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 Computers / Operating Systems
 COM046050
 Series: Exam Ref
 Status: **FORTHCOMING**

Exam Ref DP-300 Administering Microsoft Azure SQL Solutions

Craig Zacker

Key Selling Points:

Prepare for Exam DP-300 — and demonstrate real-world mastery managing on-premises and cloud databases built with SQL Server and SQL database services

- Authoritative and complete Exam DP-300 preparation content, straight from Microsoft
- Covers data platform resources, security, resource management, automation, and high availability/disaster recovery
- Organized by exam objectives for efficient study
- Strategic, what-if scenarios help you master the big-picture thinking the exam demands
- Contains up-to-date Microsoft Certified: Azure Database Administrator Associate preparation tips from a leading expert
- For IT pros who implement or run operations for cloud-native and hybrid data platform solutions using Microsoft SQL Server and Microsoft Azure Data Services

Summary

Direct from Microsoft, this Exam Ref is the official study guide for the new Microsoft DP-300 Administering Microsoft Azure SQL Solutions certification exam.

Exam Ref DP-300 Administering Microsoft Azure SQL Solutions offers professional-level preparation to maximize your exam performance and sharpen your skills on the job. It focuses on helping modern IT professionals demonstrate real-world mastery of implementing and managing cloud-native and hybrid data platform solutions with Microsoft SQL Server and Microsoft Azure Data Services. Learn how to:

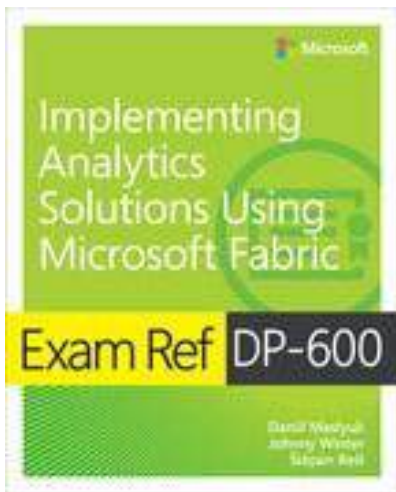
- Plan and implement data platform resources
- Implement a secure environment
- Monitor, configure, and optimize database resources
- Configure and manage automation of tasks
- Plan and configure a high availability and disaster recovery (HA/DR) environment
-

Microsoft Exam Ref publications stand apart from third-party study guides because they:

- Provide guidance from Microsoft, the creator of Microsoft certification exams
- Target IT professional-level exam candidates

Contributor Bio

Craig Zacker (Manheim, PA) is author or co-author of dozens of books, manuals, articles, test banks, and websites on computer and networking topics, including many



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Computers / Certification Guides
COM055020
Series: Exam Ref
9.1 in H | 7.4 in W | 0.7 in T | 1.3
lb Wt
Status: **ACTIVE**

Exam Ref DP-600 Implementing Analytics Solutions Using Microsoft Fabric

Daniil Maslyuk, Johnny Winter, Stepan Resl, Štěpán Reší

Key Selling Points:

Official training for the new DP-600 exam

- Author reputation: The author are experts in data analysis and Power BI, and wrote the Exam Ref DP-500, to which DP-600 is the successor.
- Brand familiarity: The Exam Ref series has a reputation for presenting certification prep information in an organized and straight-forward manner. Many certification candidates are already familiar with its strengths and will be looking for a reliable guide to the initial Modern Workplace certification.
- Official Exam Reference: This is the only official exam reference for DP-600.
- New Exam: This is a completely new certification from Microsoft, and many professionals will want the official exam reference for it.

Summary

Prepare for Microsoft Exam DP-600 and demonstrate your real-world mastery of Microsoft Fabric analytics solution development. Designed for working Fabric analytics engineers, this *Exam Ref* focuses on the critical thinking and decision-making acumen needed for success at the Microsoft Certified Solutions Associate level.

Focus on the expertise measured by these objectives:

- Plan, implement, and manage a solution for data analytics
- Prepare and serve data
- Implement and manage semantic models
- Explore and analyze data

This Microsoft Exam Ref:

- Organizes its coverage by exam objectives
- Features strategic, what-if scenarios to challenge you
- Assumes you want to validate your ability to design and build diverse Microsoft Fabric analytics solutions

About the Exam

Exam DP-600 focuses on knowledge needed to implement and plan a data analytics environment; manage an analytics development lifecycle; create objects in a lakehouse or warehouse; copy data, transform data, and optimize performance; implement, design, and build semantic models; optimize enterprise-scale semantic models; perform exploratory analytics; query data by using SQL.

Contributor Bio

Daniil Maslyuk is an independent business intelligence consultant, trainer, and speaker who specializes in Microsoft Power BI. Daniil blogs at xxlbi.com and tweets as @DMaslyuk.

Johnny Winter is a data and analytics consultant who has been working with business intelligence software since 2007, specializing in the Microsoft data platform since 2016. He's a self-confessed business intelligence geek.

Pearson Professional Computing
Adobe / New Riders/ Peachpit

Kelby Portrait Retouching 2024 *(2nd Edition)* **Professional Portrait Retouching Techniques for Photographers** Scott Kelby

No Image
Available

Key Selling Points:

- How to soften skin and still retain detail and texture
- The best tricks for beautifully enhancing eyes, eyebrows, and eyelashes
- How to selectively sharpen portraits
- How to create gorgeous-looking lips
- How to remove blemishes fast and keep the most detail
- The pros' tricks for body sculpting
- How to make your subject's hair look fabulous
- How to give your retouches that natural look that sets them apart
- Plus, you get Scott's complete 5-minute, 15-minute, and 30-minute start-to-finish workflows

Summary

Learn Portrait Retouching with Scott Kelby

Each year, Scott Kelby, Editor-in-Chief of Photoshop User magazine and the #1 best-selling Photoshop author, trains thousands of photographers on how to retouch portraits using Photoshop through his live seminars, online classes, DVDs, and workshops at the Photoshop World Conference & Expo. Now you can learn the same techniques he uses in his own retouching workflow, in the only book written expressly for photographers who do their own retouching.

As a pro photographer himself, Scott understands that photographers make their living shooting, not retouching. But, delivering fully retouched images is now expected by clients. That's why Scott put together this amazing resource for teaching photographers the quickest, easiest, and most effective ways to create professional-looking, retouched final images without spending hours on detailed techniques.

LEARN HOW THE PROS DO IT It's all here—the step-by-step methods for fixing, enhancing, and your portraits in Photoshop. Using the techniques in this book, you'll create images that will absolutely wow your clients. You'll learn:

How to soften skin and still retain detail and texture
The best tricks for beautifully enhancing eyes, eyebrows, and eyelashes
How to selectively sharpen portraits without complicated masking
How to create gorgeous-looking lips
How to remove blemishes fast and keep the most detail
The pros' tricks for body sculpting
How to make your subject's hair look fabulous
How to give your retouches that natural look that sets them apart
Plus, you get Scott's complete 5-minute, 15-minute, and 30-minute start-to-finish workflows

Contributor Bio

Scott Kelby is Editor, Publisher, and co-founder of Photoshop User magazine, and is co-host of The Grid, the weekly, live talk show for photographers. He is also President and CEO of KelbyOne, an online educational community for learning Photoshop, Lightroom, and photography.

Scott is a photographer, designer, and award-winning author of more than 100 books, For six years straight, Scott has been honored with the distinction of being the #1 best-selling author of photography technique books



New Riders
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\$59.99
Discount Code: y
Paperback

384 Pages
Carton Qty: 0
Computers / Design, Graphics &
Media
COM087030

Status: **FORTHCOMING**

Adobe Photoshop Classroom in a Book

Conrad Chavez

ADOBE MAX 2024 14-16 OCTOBER 2024

AWAIT NEWS RE POSSIBLE NEW RELEASE

Adobe Illustrator Classroom in a Book

Brian Wood

ADOBE MAX 2024 14-16 OCTOBER 2024

AWAIT NEWS RE POSSIBLE NEW RELEASE

Adobe InDesign Classroom in a Book

Kelly Kordes Anton, Tina DeJarld

ADOBE MAX 2024 14-16 OCTOBER 2024

AWAIT NEWS RE POSSIBLE NEW RELEASE

Logic Pro - Apple Pro Training (2nd Edition) Professional Music Production

David Nahmani

No Image
Available

Key Selling Points:

- Downloadable lesson and media files take you step by step through real-world, hands-on exercises
- Accessible writing style puts an expert instructor at your side
- Ample illustrations help you master techniques fast
- Lesson goals and time estimates help you plan your time
- Key Command lists summarize keyboard shortcuts used in each lesson to speed up your workflow
- Tips to improve your workflow
- Online personal support on the author's website

Summary

The Apple-Certified Way to Learn

Record, arrange, produce, mix, and master music with this bestselling, Apple-certified guide to Logic Pro. Veteran producer and composer David Nahmani uses real-world professional Logic Pro projects to guide you through step-by-step instructions and straightforward explanations, ranging from basic music creation to sophisticated production techniques.

Take your music production skills to the next level with Logic Pro 11's latest AI-powered tools. Create virtual drum, bass, and keyboard tracks using the session players, and make them follow your chord progressions with the new Chord track. Use Stem Splitter to break down fully mixed songs into individual stems for vocals, bass, drums, and others. Enhance your tracks with the warmth and character of iconic analog mic preamps and compressors through ChromaGlow's AI-driven models. Turn audio recordings into custom sample-based instrumenta with Quick Sampler and Sample Alchemy.

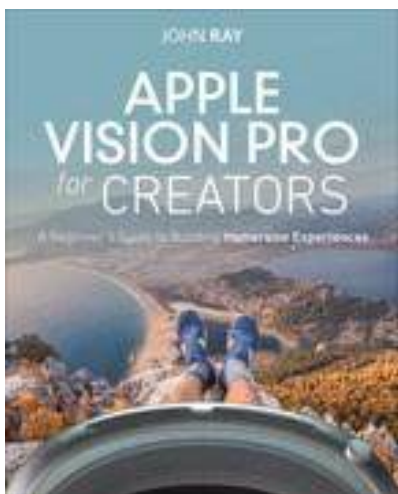
Contributor Bio

Composer and producer **David Nahmani** has co-written and co-produced songs for the MTV series *The Real World* and *Undressed*. He also engineered and produced three classical albums on Decca Records/BMG for the Bernard Calmel Orchestra in Paris, France. He has released tracks and remixes on Cleopatra Records, has licensed songs and composed for TV and film, and programmed XF MIDI songs for Yamaha (using Logic Pro). He teaches how to use Logic for Apple public events, such as Remix Hotel, Taxi Road Rally, and Ascap Music Expo. He is the director of the Los Angeles Logic Pro User Group and publisher of LogicProHelp.com.



Peachpit Press
9780135402887
Pub Date: 12/27/2024
\$69.99
Discount Code: Y
Trade Paperback

400 Pages
Carton Qty: 0
Series: Apple Pro Training Series
Status: **FORTHCOMING**



Apple Vision Pro for Creators

A Beginner's Guide to Building Immersive Experiences

John Ray

Key Selling Points:

Learn to create applications for the new Apple Vision Pro headset

- Learn the built-in tools for creating applications (Windows), objects (Volumes), and environments (Spaces)
- Explore the capabilities of the new operating system, visionOS
- Discover how to author and publish your applications using Apple's Reality Composer Pro along with XCode
- Concepts are backed up with hands-on low-code exercises and downloadable projects

Summary

For those who want to explore, imagine, and truly “Think different,” welcome to a journey of creation through the Apple Vision Pro.

Apple Vision Pro for Creators: A Beginner's Guide to Building Immersive Experiences introduces the Apple Vision Pro headset to creative enthusiasts, offering a guide to crafting experiences that leverage its unique features. Not a developer? No worries—code and concepts are introduced and explained in easy-to-understand terms. You'll learn how to code 2D/3D applications, create immersive spaces, design procedural materials, use photogrammetry to build detailed 3D models, track user gestures, play spatial audio, and deliver your creations through the App Store or TestFlight. Cut through complexity and jargon using this guide and the accompanying exercises that make the most of Apple's latest software.

Readers will learn to leverage cutting-edge development tools and techniques as they

- Learn Apple Vision Pro core concepts and AR/VR terminology
 - Master Apple development tools and languages while building interactive projects
- Explore how to scale experiences from simple windows to fully immersive spaces
-
- Build interactive 3D scenes with your own objects and materials
- Add lighting and spatial audio effects to enhance realism
- Seamlessly mix the real and virtual worlds with advanced object behaviors
- Implement assistive technologies to bring your work to a diverse audience

Contributor Bio

John Ray is a lifelong Apple enthusiast and developer. He created a handwriting recognition engine at 15, published his first commercial application at 16, and continues contributing to development projects today. Over the past 25 years, John has written books on macOS, iOS, and iPadOS development, Linux, web development, networking, and computer security. He currently serves as the Senior Director of the Office of research Information Systems at The Ohio State University.



New Riders
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Discount Code: x
Paperback

448 Pages
Carton Qty: 16
Computers / Design, Graphics &
Media
COM087010

9.1 in H | 7.4 in W | 1 in T | 1.3 lb
Wt

Status: **ACTIVE**

Pearson Professional Computing CISCO/Certification

Cisco Certified Support Technician (CCST) IT Support - 100-140 Official Cert Guide

Mark Smith, David Bayne, John Pickard

No Image
Available

Key Selling Points:

- ? Understand Help Desk Operations
- ? Hardware Proficiency
- ? Understand Connectivity and Network Troubleshooting
- ? Operating System and Application Support
- ? Security Awareness and Threat Mitigation

Summary

Trust the best-selling Official Cert Guide series from Cisco Press to help you learn, prepare, and practice for the CCST IT Support 100-140 exam. Well regarded for its level of detail, study plans, assessment features, and challenging review questions and exercises, *Cisco Certified Support Technician CCST IT Support 100-140 Official Cert Guide* helps you master the concepts and techniques that ensure your exam success and is the only self-study resource approved by Cisco. Leading Cisco technology experts share preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills.

This complete study package includes

- A test-preparation routine proven to help you pass the exam
- Do I Know This Already? quizzes, which allow you to decide how much time you need to spend on each section
- Exam Topic lists that make referencing easy
- Chapter-ending exercises, which help you drill on key concepts you must know thoroughly
- The powerful Pearson Test Prep Practice Test software, complete with hundreds of well-reviewed, exam-realistic questions, customization options, and detailed performance reports

An online Flash Cards application to help you drill on Key Terms by chapter

A final preparation chapter, which guides you through tools and resources to help you craft your review and test-taking strategies

Study plan suggestions and templates to help you organize and optimize your study time

Contributor Bio

David Bayne

I have taught since 1989, mostly computer applications and computer science, mostly in high school. In 2003, I opened Pioneer High School in Woodland, and began the Cisco Networking Academy in 2004. I taught IT Essentials (A+) and CCNA/CCENT courses for many years, and coached a Silver medalist in IT Services at the SkillsUSA National Skills and Leadership Conference in 2017.



Cisco Press
9780135403921
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\$39.99
Discount Code: Y
Trade Paperback

400 Pages
Carton Qty: 0
Series: Official Cert Guide
Status: **FORTHCOMING**

CCNP SPCOR 350-501 Official Cert Guide

Brad Riapolov, Mohammad Said Saleh Khalil

No Image
Available

Key Selling Points:

The official, complete guide to preparing for the increasingly popular Service Provider certification

- Provides deep knowledge of Cisco service provider network implementation, design, and assessment, giving readers a thorough grasp of the subject
- Provides skills and knowledge to network professionals to effectively use Cisco technologies in service provider settings
- Includes real-world case studies and examples showcasing best practices and actionable insights that readers can directly apply to their own service provider networks
- Invaluable resource for individuals preparing for Cisco service provider certifications, making it an essential companion for career advancement
- Includes realistic practice tests, plus extensive proven features to help you review more efficiently

Summary

This cert guide is Cisco's official, comprehensive self-study resource for the CCNP SPCOR 350-501 certification. It prepares students to demonstrate knowledge of implementing core service provider network technologies including core architecture, services, networking, automation, quality of services, security, and network assurance.

This book serves as a valuable resource, offering foundational insights into every aspect of the Service Providers' technologies. In each chapter, there are review questions that allow students to assess their understanding of the pertinent information, from the big picture down to the finer details, all of which are illustrated through practical examples. Furthermore, each chapter imparts useful design tips that will steer students toward a more visionary approach, particularly within the context of Service Provider networks.

This Official Cert Guide covers every exam objective concisely and logically, with extensive teaching features designed to promote retention and understanding

Contributor Bio

Mohammad Khalil (Amman, Jordan) holds CCIE certifications in Routing and Switching (R&S) and Service Provider (SP) He has worked with major telecommunications companies in Jordan and Kuwait. In addition to his practical experience, Mohammad has also shared his knowledge by teaching and creating technical materials for Cisco and Juniper certifications, particularly in the Service Provider and CCDE areas.

Cisco Press
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Paperback

850 Pages
Carton Qty: 0
Computers / Certification Guides
COM055030
Series: Official Cert Guide
Status: **FORTHCOMING**



Cisco Catalyst SD-WAN (2nd Edition)

Design, Deploy and Secure your WAN

Anastasiya Volkova, Osvaldo Salazar Tovar, Constantin Mohorea, Dustin Schuemann

No Image
Available



Cisco Press
9780138313906
Pub Date: 11/7/2024
Ship Date: 10/28/2024
\$79.99
Discount Code: y
Paperback

608 Pages
Carton Qty: 0
Computers / Networking
COM043000
Series: Networking Technology
Status: **FORTHCOMING**

Key Selling Points:

The definitive, comprehensive Cisco SD-WAN resource and CCNP Enterprise SD-WAN exam, ENSDWI 300-415 study guide

- Fully updated for the new version of the exam, including full coverage of Cisco Catalyst
- Straight from Cisco's own architects: the SD-WAN experts who train Cisco and partner engineers
- Explains Cisco SD-WAN's value, components, inner workings, practical configuration, and support
- Includes use cases and case studies demonstrating Cisco SD-WAN at work in cloud and premises environments
- Covers all CCNP Enterprise SD-WAN (ENSDWI 300-415) exam objectives, and organized to promote efficient exam prep
- Includes access code for two full CCNP Enterprise ENSDWI 300-415 practice tests

Summary

Cisco Catalyst SD-WAN is built with the objective of providing assessment, review, and practice to help ensure you are prepared for the newest version of the ENSDWI 300-415 exam. It is fully updated with the new information on Cisco Catalyst.

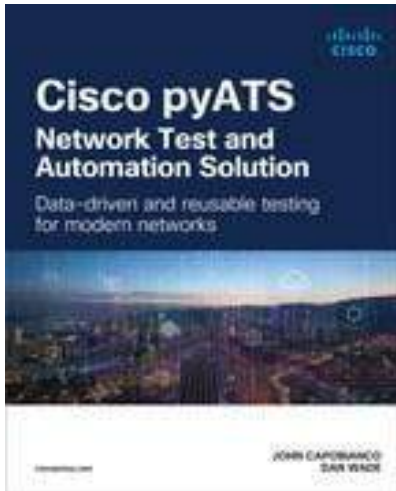
Cisco Catalyst SD-WAN presents you with an organized test preparation routine using proven series elements and techniques. Key Topic tables help you drill on key concepts you must know thoroughly. Chapter-ending Review Questions help you to review what you learned in the chapter.

- Master Implementing Cisco SD-WAN Solutions (ENSDWI 300-415) exam topics
- Assess your knowledge with chapter-ending review questions
- Review key terms
- Practice with realistic exam questions in the practice test software

Cisco Catalyst SD-WAN is the only self-study resource approved by Cisco. A leading Cisco technology expert shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills.

Contributor Bio

Dustin Schuemann, (Raleigh, NC) CCIE No. 59235 (R&S), is a Technical Solutions Architect at Cisco Systems. Within the Demo CoE organization, Dustin is a subject matter expert on all things SD-WAN, including development of SD-WAN demo offerings and CPOC labs for some of Cisco's largest customers.



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Paperback

720 Pages
Carton Qty: 10
Computers / Languages
COM051360
Series: Networking Technology
9.1 in H | 7.4 in W | 1.5 in T | 2.6
lb Wt
Status: **ACTIVE**

Cisco pyATS — Network Test and Automation Solution

Data-driven and reusable testing for modern networks

John Capobianco, Dan Wade

Key Selling Points:

Embrace NetDevOps principles and simplify device configuration and validation tasks with pyATS, Cisco's end-to-end Python network automation ecosystem

- Gain skills to automate network testing, network documentation, and network configuration management using a free Python framework and libraries
- Transform the way you look at network operations on any scale
- Acquire valuable, modern, and in-demand Python network automation skills that are required to operate large enterprise networks
- Helps you prepare for the pyATS portion of the DevNet Certification Exam

Summary

Unlock the power of automated network testing with the Cisco pyATS framework.

Written by industry experts John Capobianco and Dan Wade, *Cisco pyATS—Network Test and Automation Solution* is a comprehensive guide to the Cisco pyATS framework, a Python-based environment for network testing, device configuration, parsing, APIs, and parallel programming.

Capobianco and Wade offer in-depth insights into the extensive capabilities of pyATS and the pyATS library (Genie). You'll learn how to leverage pyATS for network testing, including software version testing, interface testing, neighbor testing, and reachability testing. You'll discover how to generate intent-based configurations, create mock devices, and integrate pyATS into larger workflows using CI/CD pipelines and artificial intelligence. You'll explore the pyATS Blitz feature, which introduces a low-code no-code approach to network testing by allowing you to configure devices and write test cases using YAML, much like Ansible.

Contributor Bio

John Capobianco has a dynamic and multifaceted career in IT and networking, marked by significant contributions to both the public and private sectors. Beginning his journey in the field as an aluminum factory worker, Capobianco's resilience and dedication propelled him through college, earning a diploma as a Computer Programmer Analyst from St. Lawrence College.



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368 Pages
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Computers / Networking
COM043000
Series: Networking Technology
9.1 in H | 7.4 in W | 0.7 in T | 1.3
lb Wt
Status: **FORTHCOMING**

Cisco ThousandEyes

Digital Experience Monitoring and Troubleshooting

Aaron Trompeter, Robert W. Webb

Key Selling Points:

Get real-time insights to optimize performance and troubleshoot effectively with this powerful network monitoring tool

- Proactive network intelligence: End-to-end network path and metrics across any network
- Assure every digital experience: Quickly isolate issues to application, network, or other services
- Troubleshoot like a pro and reduce downtime: Correlate network and application issues with internet routing, internal network devices, and global outage events

Summary

Cisco ThousandEyes, the cloud-based network intelligence tool, delivers expanded visibility, automated insights, and seamless workflows to ensure digital experiences across any network—whether on premise, on the Internet, or in the cloud. ThousandEyes is the authority when monitoring SaaS, hybrid, and multi-cloud environments. With unparalleled real-time analytics and insights, it enables IT admins to quickly identify and resolve issues for a reduction of downtime and improved user experience.

In *Cisco ThousandEyes*, network solutions specialists Aaron Trompeter and Robert Webb offer a deep dive into the intricacies and power of the Cisco ThousandEyes platform and demonstrate how to leverage it to solve complex problems and optimize your digital experience. Through real-world experiences and use cases, the authors demonstrate how to plan and design network monitoring solutions, as well as how to improve performance and availability.

Contributor Bio

Aaron Trompeter is a technical solutions architect within the ThousandEyes global enterprise segment at Cisco, focusing on visibility and operational awareness for onprem, SaaS, and cloud native. In this role, he aligns his passion for education and learning with his motivation for helping the infrastructure community grow and learn to harness tools to provide use cases that fit each organization.



Securing Enterprise Networks with Cisco Meraki

Ryan Chaney, Simerjit Singh

Key Selling Points:

The definitive book on cloud-managed network security with Cisco Meraki

- Gain an understanding of how to design and build solutions for security use cases.
- How to design, configure and deploy security features and countermeasures end-to-end
- Improve security operations response through the automatic raising of cases and awareness through export of telemetry and alerts
- Distinguish Meraki from the alternatives
- Prepare for and pass Meraki certification.

Summary

Deploy Secure Enterprises with Meraki

Meraki is one of Cisco's hottest product families. It is a unique Cloud Managed platform into which many product lines can be added. Cloud Managed IT networks are still quite new to traditional Cisco buyers.

Securing Enterprise Networks with Cisco Meraki is a one-stop shop for readers looking to deploy secure enterprises on Meraki. Each section will cover best practices, design, configuration, and troubleshooting. Within each chapter, readers will learn to set up a product (for example, a secure LAN with Zero Trust) within reading the first few pages by following step-by-step exercises. Later pages expand on that with enterprise features, giving users the choice to bite off as much as they need, relevant to their use case. The step-by-step guides will have their own listing so that they can function as job aids for those in engineering roles and for easy reference.

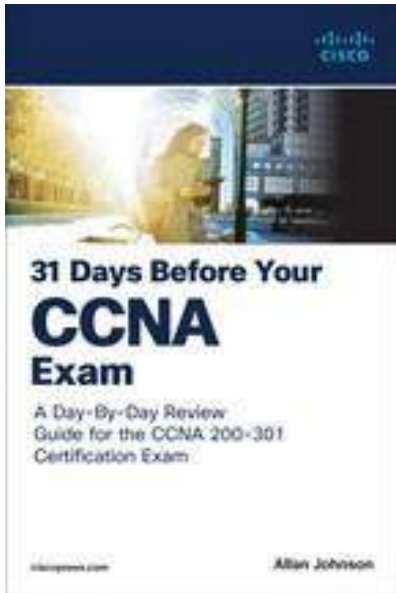
Contributor Bio

Ryan Chaney (Bondi Beach, Australia) (CCIE Security, CISSP) has been with Cisco nearly 13 years. He grew up reading Cisco Press books and studying for Cisco exams. Before he joined Cisco, he worked across the globe in support, network design, and architecture roles for a decade. While at Cisco, Ryan worked as a Systems Engineer for another decade educating customers, and designing and building networks.



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450 Pages
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Computers / Distributed Systems
COM091000
Series: Networking Technology:
Security
Status: **FORTHCOMING**



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9780138214258
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Ship Date: 12/10/2024
\$39.99
Discount Code: y
Paperback

464 Pages
Carton Qty: 0
Computers / Certification Guides
COM055030
Series: 31 Days
Status: **FORTHCOMING**

31 Days Before your CCNA Exam (2nd Edition) **A Day-By-Day Review Guide for the CCNA 200-301 Certification Exam** Allan Johnson

Key Selling Points:

A Day by Day Quick Reference Study Guide for the Cisco Networking Academy CCNA Student

- A practical way to commit to taking the CCNA exam in one month
- Review key points with a specific focus on CCNA exam objectives
- The only CCNA exam preparation resource to address a student CCNA exam readiness gap

Summary

31 Days Before Your CCNA Exam: A Day-By-Day Review Guide for the CCNA 200-301 Certification Exam is the friendliest, most practical way to understand the CCNA Routing & Switching certification process, commit to taking your CCNA 200-301 exam, and finish your preparation using a variety of primary and supplemental study resources.

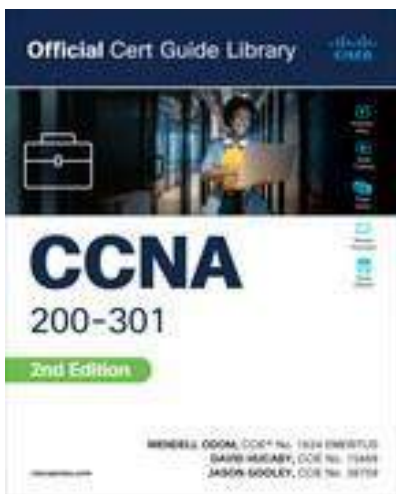
This portable guide offers a complete day-by-day plan for what and how to study. From the basics of switch configuration and IP addressing through modern cloud, virtualization, SDN, SDA, and network automation concepts, you'll find it here.

Each day breaks down an exam topic into a short, easy-to-review summary, with Daily Study Resource quick-references pointing to deeper treatments elsewhere. Sign up for your exam now, and use this day-by-day guide and checklist to organize, prepare, review, and succeed!

-

Contributor Bio

Allan Johnson entered the academic world in 1999, after 10 years as a business owner/operator to dedicate his efforts to his passion for teaching. He holds both an MBA and an MEd in occupational training and development. He taught a variety of technology courses to high school students and is an adjunct instructor at Del Mar College in Corpus Christi, Texas.



CCNA 200-301 Official Cert Guide Library (2nd Edition)

Wendell Odom, David Hucaby, Jason Gooley

Key Selling Points:

The official test preparation package for CCNA certification

- Revised edition of the #1 selling CCNA preparation self-study guide
- Book content is fully updated to align to the new CCNA 200-301 exam objectives
- Books and online materials are packed with features to help candidates master more difficult testing methods on the actual exams
- Practice tests contain scenario-based questions that closely mimic the difficulty of the actual exam.
- In-depth expert explanations of all protocols, commands, and technologies on the CCNA exams



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Discount Code: x

1600 Pages
Carton Qty: 4
Computers / Certification Guides
COM055030
Series: Official Cert Guide

9.4 in H | 7.8 in W | 3.8 in T | 6.3
lb Wt
Status: **ACTIVE**

Summary

CCNA 200-301 Official Cert Guide Library is a comprehensive review and practice package for the latest CCNA exam and is the only self-study resource approved by Cisco. The two books contained in this package, *CCNA 200-301 Official Cert Guide, Volume 1* and *CCNA 200-301 Official Cert Guide, Volume 2*, present complete reviews and a challenging and realistic preparation experience. The books have been fully updated to refresh the content for the latest CCNA exam topics and to enhance certain key topics that are critical for exam success.

Best-selling author Wendell Odom shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills.

A test-preparation routine proven to help you pass the exam
Do I Know This Already? quizzes, which enable you to decide how much time you need to spend on each section
Chapter-ending Key Topic tables, which help you drill on key concepts you must know thoroughly
The powerful Pearson Test Prep Practice Test software, complete with hundreds of exam-realistic questions, customization options, and detailed performance reports
A free copy of the Network Simulator Lite Volumes 1 and 2 software, complete with meaningful lab exercises that help you hone your hands-on skills with the command-line interface for routers and switches
Links to a series of hands-on config labs developed by the author
Online, interactive practice exercises that help you enhance your knowledge and hone
More than 8 hours of video mentoring from the author
An online, interactive Flash Cards application to help you drill on Key Terms by chapter
A final preparation chapter, which guides you through tools and resources to help you craft your review and test-taking strategies
Study plan suggestions and templates to help you organize and optimize your study time

Contributor Bio

Wendell Odom, CCIE No. 1624 (Emeritus), has been in the networking industry since 1981. He has worked as a network engineer, consultant, systems engineer, instructor, and course developer; he currently works writing and creating certification study tools. He is the author of all editions of the CCNA R&S and CCENT Cert Guides from Cisco Press.



CCNA 200-301 Official Cert Guide, Volume 1 (2nd Edition)

Wendell Odom

Key Selling Points:

Straight from Cisco: official, complete assessment, review, and practice for the newest CCNA exam!

- The #1 selling CCNA preparation self-study guide, fully revised for every current CCNA 200-301 exam objective
- In-depth, expert explanations of all protocols, commands, and technologies covered on the CCNA exam
- Book and online supplements packed with features to help you master today's challenging testing methods -- including scenario-based configuration questions that mimic the actual exam



Summary

Trust the best-selling Official Cert Guide series from Cisco Press to help you learn, prepare, and practice for exam success. They are built with the objective of providing assessment, review, and practice to help ensure you are fully prepared for your certification exam.

CCNA 200-301 Official Cert Guide, Volume 1, Second Edition presents you with an organized test-preparation routine using proven series elements and techniques. "Do I Know This Already?" quizzes open each chapter and enable you to decide how much time you need to spend on each section. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly.

- Master Cisco CCNA 200-301 exam topics
- Assess your knowledge with chapter-opening quizzes
- Review key concepts with exam preparation tasks
- Practice with realistic exam questions in the practice test software

CCNA 200-301 Official Cert Guide, Volume 1, Second Edition from Cisco Press enables you to succeed...

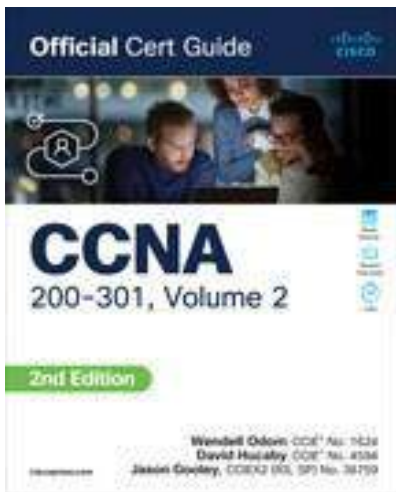
Contributor Bio

Wendell Odom, CCIE Enterprise No. 1624, was the first Cisco Press author for Cisco certification guides. He wrote all prior editions of this book, along with books on topics ranging from introductory networking to CCENT, CCNA R&S, CCNA DC, CCNP ROUTE, CCNP QoS, and CCIE R&S. In his four decades as a networker, he has worked as a network engineer, consultant, systems engineer, instructor, and cours...

Cisco Press
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Paperback

944 Pages
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Computers / Certification Guides
COM055030
Series: Official Cert Guide

9.1 in H | 7.4 in W | 1.7 in T | 3.3
lb Wt
Status: **ACTIVE**



Cisco Press
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Ship Date: 7/19/2024
\$54.99
Discount Code: x
Paperback

752 Pages
Carton Qty: 12
Computers / Certification Guides
COM055030
Series: Official Cert Guide
9.1 in H | 7.3 in W | 1.5 in T | 2.7
lb Wt
Status: **ACTIVE**

CCNA 200-301 Official Cert Guide, Volume 2 (2nd Edition)

Wendell Odom, Jason Gooley, David Hucaby

Key Selling Points:

Cisco's official and complete assessment, review, and practice for the CCNA 200-301 exam

- Revised edition of the #1 selling CCNA preparation self-study guide
- Book content is fully updated to align to the new CCNA 200-301 exam objectives
- Books and online materials are packed with features to help candidates master difficult testing methods on actual exams
- Practice tests contain scenario-based questions that closely mimic the difficulty of the actual exam
- In-depth expert explanations of all protocols, commands, and technologies on the CCNA exam

Summary

Trust the best-selling Official Cert Guide series from Cisco Press to help you learn, prepare, and practice for exam success. It is built with the objective of providing assessment, review, and practice to help ensure you are fully prepared for your certification exam.

CCNA 200-301 Official Cert Guide, Volume 2, Second Edition presents you with an organized test-preparation routine using proven series elements and techniques. "Do I Know This Already?" quizzes open each chapter and enable you to decide how much time you need to spend on each section. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly.

- Master Cisco CCNA 200-301 exam topics
- Assess your knowledge with chapter-opening quizzes
- Review key concepts with exam preparation tasks
- Practice with realistic exam questions in the practice test software

CCNA 200-301 Official Cert Guide, Volume 2, Second Edition from Cisco Press enables you to succeed on...

Contributor Bio

Wendell Odom, CCIE Enterprise No. 1624, was the first Cisco Press author for Cisco certification guides. He wrote all prior editions of this book, along with books on topics ranging from introductory networking to CCENT, CCNA R&S, CCNA DC, CCNP ROUTE, CCNP QoS, and CCIE R&S. In his four decades as a networker, he has worked as a network engineer, consultant, systems engineer, instructor, and cours...

CCNA 200-301 Portable Command Guide (6th Edition)

Scott D. Empson

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Key Selling Points:

Every CCNA certification-level command in one compact, portable resource

- Completely updated for the 2024 release of the CCNA exam
- All commands in an easily referenced resource -- frees you up from searching for online resources on the Internet
- Compact size makes it easy to carry around as a reference in the workplace -- no need for big thick books
- ONLY book published with all CCNA commands from the only official Cisco certification self study publisher

Summary

CCNA 200-301 Portable Command Guide, Second Edition, is filled with valuable, easy-to-access information-and it's portable enough to use whether you're in the server room or the equipment closet.

The guide summarizes all CCNA certification-level Cisco IOS Software commands, keywords, command arguments, and associated prompts, providing you with tips and examples of how to apply the commands to real-world scenarios. Throughout, configuration examples give you a better understanding of how these commands are used in simple network designs.

This book has been completely updated to cover topics in the new 200-301 exam. Use this quick reference resource to help you memorize commands and concepts as you work to pass the CCNA certification exam. Coverage includes

- **Network Fundamentals:** IPv4 addressing, subnetting, VLSM, route summarization, IPv6 addressing, cables/connections, CLI
- **LAN Switching Technologies:** Switch configuration, VLANs, VLAN trunking protocol, inter-VLAN communication, STP, EtherC...

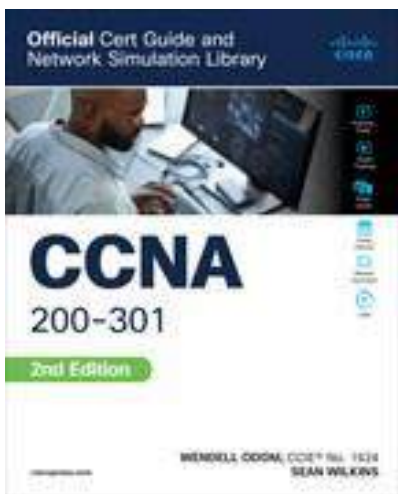
Contributor Bio

Scott Empson (Edmonton, Alberta) is an instructor in the Department of Information Systems Technology at the Northern Alberta Institute of Technology, where he has taught for more than twenty years. He teaches technical courses in Cisco routing and switching, along with courses in professional development and leadership.



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320 Pages
Carton Qty: 0
Computers / Certification Guides
COM055030
Series: Portable Command Guide
Status: **FORTHCOMING**



CCNA 200-301 Official Cert Guide and Network Simulator Library, Second Edition

Sean Wilkins, Wendell Odom

Key Selling Points:

Have all your bases covered with CCNA 200-301 Official Cert Guide and Network Simulator Library

- Completely up to date for the 2024 release of the exams
- Great value for two Official Cert Guides and the Simulator
- Enjoy a more complete learning path with this complementary bundle
- Gain the conceptual knowledge with the Official Cert Guides and put everything into practice with the Simulator

Summary

CCNA 200-301 Official Cert Guide and Network Simulator Library, Second Edition is a comprehensive review and hands-on practice package for the CCNA exam. This value-priced bundle combines the best-selling CCNA study guides with a powerful network simulator, providing you with the tools you need to master all the exam topics and develop real-world hands-on configuration and troubleshooting skills. The three products in this package present complete reviews and a more challenging and realistic preparation experience.

In the books, *CCNA 200-301 Official Cert Guides, Volumes 1 and 2, Second Editions*, best-selling author and expert instructor Wendell Odom shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. This complete study package includes

- A test-preparation routine proven to help you pass the exam
- Do I Know This Already? quizzes, which enable you to decide how much time you need to spend o...

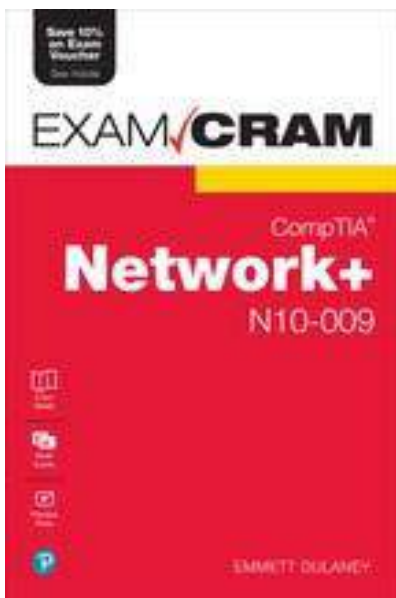
Contributor Bio

Wendell Odom, CCIE No. 1624 Emeritus, has produced some of the most important networking books in the world. His past titles include books on the entry-level certification (CCNA), the more advanced CCNP, and the industry-renowned CCIE. His books are known for their technical depth and accuracy. Wendell has worked as a network engineer, consultant, instructor, course developer, and book author, an...



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Ship Date: 8/2/2024
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COM055030
Series: Certification Guide
9.4 in H | 7.8 in W | 3.9 in T | 6.4
lb Wt
Status: **FORTHCOMING**



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Paperback

608 Pages
Carton Qty: 0
Computers / Certification Guides
COM055010
Series: Exam Cram
Status: **FORTHCOMING**

CompTIA Network+ N10-009 Exam Cram (8th Edition)

Emmett Dulaney

Key Selling Points:

The smartest, fastest, most effective preparation for CompTIA's brand-new Network+ Exam

- Covers all the critical information that a readers will need to know to score higher on their Network+ N10-009 exam
- Designed to help candidates rapidly assess where they stand-and quickly master what they need to learn
- Includes test-taking strategies, time-saving tips, Exam Notes, and two practice exams

Summary

CompTIA Network+ N10-009 Exam Cram is an all-inclusive study guide designed to help you pass the updated version of the CompTIA Network+ exam. Prepare for test day success with complete coverage of exam objectives and topics, plus hundreds of realistic practice questions. Extensive prep tools include quizzes, Exam Alerts, and our essential last-minute review Cram Sheet. The powerful Pearson Test Prep practice software provides real-time assessment and feedback with two complete exams.

Covers the critical information needed to score higher on your Network+ N10-009 exam!

- Establish network connectivity by deploying wired and wireless devices
- Learn the purpose of documentation and maintain network documentation
- Configure common network services
- Learn basic datacenter, cloud, and virtual networking concepts
- Monitor network activity and troubleshoot performance and availability issues
- Implement network security hardening techniques
- Manage, configure, and troubleshoot network infrastructure

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Contributor Bio

Emmett Dulaney (CompTIA Network+, Cloud+, Security+, A+, and others) has been the author of several books on certifications and operating systems over the past 25 years. He is a columnist for *Certification Magazine* and a professor at a small university in Indiana. He is currently the editor of a journal devoted to business education (and the business of education).

CompTIA Network+ N10-009 Cert Guide

Anthony Sequeira

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Discount Code: X

Trade Paperback

752 Pages

Carton Qty: 0

Computers / Certification Guides

COM055010

Series: Cert Guide

Status: **FORTHCOMING**

Key Selling Points:

Fully updated study guide for the new Network+ N10-009 exam

- Assess your knowledge and focus learning with the unique Cert Guide series features
- Master every topic on the latest Network+ exam
- Benefit from tools designed to help you remember the most important exam details
- Learn from an expert instructor with about 60 minutes of instructional video
- Get the practical workplace knowledge needed to succeed beyond the exam with hands-on simulation exercises
- Includes a 10% exam voucher from CompTIA

Summary

CompTIA Network+ N10-009 Cert Guide contains proven study features that allow you to succeed on the exam the first time. Expert instructor Anthony Sequeira shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills, essential for successful completion of the performance-based testing items on the exam. This complete, CompTIA-approved study package includes the following:

- A test-preparation routine proven to help you pass the exams
- Clearly defined chapter learning objectives covering all N10-009 exam topics
- Chapter-ending review questions and exam preparation exercises, which help you drill on key concepts you must know thoroughly
- The powerful Pearson Test Prep practice test software, complete with hundreds of well-reviewed, exam-realistic questions, customization options, and detailed performance reports
- 40 performance-based practice question exercises to help you prepare for the hands-on exam question...

Contributor Bio

Anthony Sequeira (CCIE No. 15626) began his IT career in 1994 with IBM in Tampa, Florida. He quickly formed his own computer consultancy, Computer Solutions, and then discovered his true passion: teaching and writing about networking technologies. Anthony lectured to massive audiences around the world while working for Mastering Computers. Anthony has never been happier in his career than he is no...

SSE, SASE, and Zero Trust

Mastering Security Beyond Borders with Next-gen Edge Technologies

Anthony Sabella, Ryan Shoemaker

No Image
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Addison-Wesley Professional
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Pub Date: 4/25/2025
On Sale Date: 10/3/2024
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\$44.99
Discount Code: y
Paperback

245 Pages
Carton Qty: 0
Computers / Security
COM043050
Series: Networking Technology:
Security
Status: **FORTHCOMING**

Key Selling Points:

- **Comprehensive Coverage:** It covers not just one but three critical network security concepts Secure Services Edge (SSE), Secure Access Service Edge (SASE), and Zero Trust Network Security, offering a holistic view of modern network security and making it a valuable resources for both newcomers and experienced professionals.
- **Practical Insights:** It goes beyond theory, providing practical insights, best practices, and real-world case studies to help readers effectively implement these network + security paradigms in their organizations.
- **Decision-Making Assistance:** It aids decision-makers in evaluating, selecting, and implementing the right security solutions for their specific needs, helping organizations make informed choices.
- **Future-Proofing:** In an ever-evolving digital landscape, the book equips readers with knowledge and strategies to future-proof their network security. It covers emerging technologies and trends, ensuring long-term relevance.
- **Cybersecurity Challenges:** The book addresses common security challenges and provides effective mitigation strategies, enhancing readers' ability to protect their networks against evolving threats.

Summary

The only comprehensive and practical guide to using Secure Services Edge (SSE), Secure Access Service Edge (SASE), and Zero Trust Network Security together

"SSE, SASE, and Zero Trust" delves into the trifecta of cutting-edge network security paradigms-Secure Services Edge (SSE), Secure Access Service Edge (SASE), and Zero Trust Network Security. This comprehensive guide explores each of these concepts, offering insights into their core principles, key components, and practical implementations. This book will serve as a roadmap for understanding and implementing these critical security paradigms, enabling organizations to safeguard their networks in an ever-changing digital landscape. Whether a seasoned network professional or just beginning the journey in the world of network security, this book will equip one with the knowledge and tools necessary to navigate the complex terrain of network security effectively.

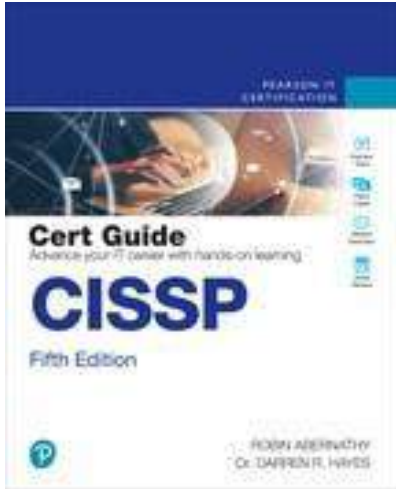
The vision for this book is to empower readers with the knowledge and too...

Contributor Bio

Anthony Sabella

As a principal architect for the Enterprise CTO Office, Anthony has led several key workstreams related to the creation of Cisco's SASE solution including:

- 1) Market assessment: developed the initial market and technology research on SASE, ultimately developing a proposal for Cisco's entrance into the market
- 2) Solution development: worked with senior members of networking and securit...



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Computers / Security
COM043050
Series: Certification Guide

9.1 in H | 7.4 in W | 1.9 in T | 3.4
lb Wt
Status: **FORTHCOMING**

CISSP Cert Guide (5th Edition)

Robin Abernathy, Darren R. Hayes

Key Selling Points:

Learn, prepare, and practice for the newest version of the CISSP

- Master the latest CISSP exam topics
- Assess your knowledge with chapter-ending quizzes
- Review key concepts with exam preparation tasks
- Practice with realistic exam questions
- Get practical guidance for test taking strategies

Summary

Learn, prepare, and practice for CISSP exam success with this Cert Guide from Pearson IT Certification, a leader in IT certification learning.

- Fully updated for the new release of the exam
- Assess your knowledge with chapter-ending quizzes
- Review key concepts with exam preparation tasks
- Practice with realistic exam questions
- Get practical guidance for test taking strategies

CISSP Cert Guide, Fifth Edition is a comprehensive exam study guide. Leading IT certification experts Robin Abernathy and Darren Hayes share preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics.

The book presents you with an organized test preparation routine through the use of proven series elements and techniques. Exam topic lists make referencing easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts ...

Contributor Bio

Robin M. Abernathy has been working in the IT certification preparation industry for more than 20 years. She has written and edited certification preparation materials for many (ISC)2, Microsoft, CompTIA, PMI, ITIL, ISACA, and GIAC certifications and holds multiple IT certifications from these vendors. Robin provides training on computer hardware and software, networking, security, and project man...