

The Execution Shortcut Why Some Strategies Take The Hidden Path To Success And Others Never Reach The Finish Line

This newly expanded edition offers fresh insights on the Balanced Scorecard and strategic thinking, 12 new downloads including a framework to pick the best KPIs for a business, and a 60-minute audio file from the Next Generation Strategy event where De Flander shared the stage with Michael Porter, Costas Markides, and Roger Martin, three of the world's top 50 thinkers.

Adaptive Multimodal Interactive Systems introduces a general framework for adapting multimodal interactive systems and comprises a detailed discussion of each of the steps required for adaptation. This book also investigates how interactive systems may be improved in terms of usability and user friendliness while describing the exhaustive user tests employed to evaluate the presented approaches. After introducing general theory, a generic approach for user modeling in interactive systems is presented, ranging from an observation of basic events to a description of higher-level user behavior. Adaptations are presented as a set of patterns similar to those known from software or usability engineering. These patterns describe recurring problems and present proven solutions. The authors include a discussion on when and how to employ patterns and provide guidance to the system designer who wants to add adaptivity to interactive systems. In addition to these patterns, the book introduces an adaptation framework, which exhibits an abstraction layer using Semantic Web technology. Adaptations are implemented on top of this abstraction layer by creating a semantic representation of the adaptation patterns. The patterns cover both graphical interfaces as well as speech-based and multimodal interactive systems.

You've experienced the shiny, point-and-click surface of your Linux computer—now dive below and explore its depths with the power of the command line. The Linux Command Line takes you from your very first terminal keystrokes to writing full programs in Bash, the most popular Linux shell. Along the way you'll learn the timeless skills handed down by generations of gray-bearded, mouse-shunning gurus: file navigation, environment configuration, command chaining, pattern matching with regular expressions, and more. In addition to that practical knowledge, author William Shotts reveals the philosophy behind these tools and the rich heritage that your desktop Linux machine has inherited from Unix supercomputers of yore. As you make your way through the book's short, easily-digestible chapters, you'll learn how to: * Create and delete files, directories, and symlinks * Administer your system, including networking, package installation, and process management * Use standard input and output, redirection, and pipelines * Edit files with Vi, the world's most popular text editor * Write shell scripts to automate common or boring tasks * Slice and dice text files with cut, paste, grep, patch, and sed Once you overcome your initial "shell shock," you'll find that the command line is a natural and expressive way to communicate with your computer. Just don't be surprised if your mouse starts to gather dust. A featured resource in the Linux Foundation's "Evolution of a SysAdmin"

This book addresses both beginners and users experienced in working with automation systems. It presents the hardware components of S7-1200 and illustrates their configuration and parametrization, as well as the communication via PROFINET, PROFIBUS, AS-Interface und PtP-connections. A profound introduction into STEP 7 Basic illustrates the basics of programming and troubleshooting.

Finding winning KPIs is not about picking some smart-sounding candidates from the long list of options. The best performance metrics are those that are born in the discussion and are tailor-made for your organization. This book is for those business professionals who are looking beyond standard performance metrics; this book will guide you step-by-step to develop the most effective KPIs.

The ability to reason correctly is critical to most aspects of computer science and to software development in particular. This book teaches readers how to better reason about software development, to communicate reasoning, to distinguish between good and bad reasoning, and to read professional literature that presumes knowledge of elementary logic. The reader's knowledge and understanding can be assessed through numerous examples and exercises. This book provides a reader-friendly foundation to logic and offers valuable insight into the topic, thereby serving as a helpful reference for practitioners, as well as students studying software development.

Learn how to program by diving into the R language, and then use your newfound skills to solve practical data science problems. With this book, you'll learn how to load data, assemble and disassemble data objects, navigate R's environment system, write your own functions, and use all of R's programming tools. RStudio Master Instructor Garrett Golemund not only teaches you how to program, but also shows you how to get more from R than just visualizing and modeling data. You'll gain valuable programming skills and support your work as a data scientist at the same time. Work hands-on with three practical data analysis projects based on casino games Store, retrieve, and change data values in your computer's memory Write programs and simulations that outperform those written by typical R users Use R programming tools such as if else statements, for loops, and S3 classes Learn how to write lightning-fast vectorized R code Take advantage of R's package system and debugging tools Practice and apply R programming concepts as you learn them

Contrary to popular belief, the business world is not that complicated. While every industry and every profession requires specific expertise, the truth is that the "business of business" is relatively simple. For the past seven years, Geoffrey James has written a daily blog that's become one of the most popular business-focused destinations on the web. In BUSINESS WITHOUT THE BULLSH*T, readers will learn surprising but tried-and-true secrets about being an extraordinary boss, about coping with annoying coworkers, and navigating the thorny problems that recur in every workplace. TIPS FROM BUSINESS WITHOUT THE BULLSH*T: Long work hours mean less work gets done. Multiple studies reveal that working 60 rather than 40 hours a week makes you slightly more productive but only for a little while. After about three weeks, people get burned out, get sick and go absent, and start making avoidable errors. What every boss wants from you. From your boss's perspective your real job is to make the boss successful. There are no exceptions to this rule. Why your resume is your enemy. Only write a resume after you're talking to people inside the hiring firm. Then, customize it to match what you've discovered that they really want. Strategy Execution is no longer 'the gap nobody knows', the title of the first chapter of the best-seller 'Execution'. Thanks to the authors Bossidy and Charan, Strategy Execution pioneers Kaplan and Norton, several leading articles in respected business magazines such as The Harvard Business Review and a host of research, organisations have become very aware that much great strategy is lost before it's turned into performance mainly as a result of poor execution skills. The performance gap is known. And it's time for companies to close it. This book will help you get the job done. 'Strategy Execution Heroes' will help you to: 1. Approach Strategy Execution from a manager's perspective. 2. Align individual and organisational performance in a simple, easy-to-communicate, sexy Strategy Execution framework. 3. Communicate your strategy effectively. 4. Set great objectives for yourself and your team members. 5. Coach others through the implementation maze. 6. Simplify your Strategy Execution process. 7. Select, manage and deliver your strategic initiatives. 8. Set up a development platform to boost the execution skills of others in the organisation. 9. Turn Strategy Execution into a competitive advantage. In short, 'Strategy Execution Heroes' will help you get the execution job done. Don't expect complex theories or fancy words. This book gets right to the point and won't waste your time. It will boost your learning with 250+ practical tips revealed by senior executives from BT, Coca-Cola, Lockheed Martin, eBay and many others. It will inspire your thinking with useful insights from top experts such as Sir John Whitmore, Dr Peter Scott-Morgan and Prof Vincent Lion. And it will put your action plan on the right track with 27 valuable downloads. So whether you are a future manager preparing for the challenge or an experienced senior executive, get ready to boost your execution skills. Become a Strategy Execution hero and turn your great strategy into great performance.

Quickly learn how to get the most out of the Visual Studio for Mac integrated development environment (IDE). Microsoft has invested heavily to deliver their very best development tools and platforms to other operating systems. Visual Studio for Mac is a powerful developer tool that reinforces Microsoft's "mobile-first", "cloud-first", and "any developer, any platform, any device" strategy. With the author's guided expertise

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and extensive code samples, you will understand how to leverage the most useful tools in Visual Studio for Mac, the code editor, and the powerful debugger. You also will appreciate the author's guidance on collaborating with other team members using integrated tooling for the Git source control engine. Whether you are a Mac developer interested in cross-platform development or a Windows developer using a Mac, Beginning Visual Studio for Mac will quickly get you up to speed! What You'll Learn Prepare, configure, and debug in the Mac development environment Create cross-platform mobile apps for Android, iOS, and Windows with Xamarin and C# in Visual Studio for Mac Build cross-platform Web applications with .NET Core using Visual Studio for Mac Customize your productive and collaborative development environment Who This Book Is For Software developers using a Mac computer who want to build mobile or web applications that run on multiple operating systems

Launch into Sencha Touch 2 with this hands-on book, and quickly learn how to develop robust mobile web apps that look and behave like native applications. Using numerous code samples, author Adrian Kosmaczewski guides you every step of the way through this touchscreen-enabled JavaScript framework—from creating your first basic app to debugging, testing, and deploying a finished product. Learn how to craft user interfaces, build forms, and manage data, then deploy as either an HTML5 offline app or as a native app for Android, iOS, or Blackberry. Define classes and create instances with Sencha Touch's object-oriented abstraction Build user interfaces with the framework's extensive set of high-level components Develop apps that consume complex data, whether it's stored locally or on remote servers Organize your application code in a consistent, predictable, and maintainable way Use Sass stylesheets to craft a personalized look and feel for your app Debug, test, and document your app with WebKit Web Inspector, Jasmine, Siesta, and JSDuck Use the Sencha Architect UI designer and IDE to simplify complex project development

This unique volume focuses on computing systems that exhibit intelligent behavior. As such, it discusses research aimed at building a computer that has the same cognitive architecture as the mind -- permitting evaluations of it as a model of the mind -- and allowing for comparisons between computer performance and experimental data on human performance. It also examines architectures that permit large, complex computations to be performed -- and questions whether the computer so structured can handle these difficult tasks intelligently. The Strategy Execution Barometer - Research Report 2009/2010 is the leading resource worldwide for practical, fact-based Strategy Execution market data. It provides the reader with up-to-date information to evaluate the execution capabilities of your organisation. The Strategy Execution Barometer includes: - Strategy Execution data from 1100+ companies, 36 countries and 29 sectors - 30 key findings with experts' comments - 12 insights (to learn) from the best-in-class - 53 figures with comprehensive market data - Detailed gap analysis between average performers and the best-in-class The Strategy Execution Barometer helps the reader to improve their Strategy Execution capabilities: - Use the data to assess the cornerstones of sound Strategy Execution including strategy communication, strategic initiative management, individual objectives setting and pay-for-performance. - Compare yourself with leading companies such as HSBC, GDFSuez, 3M, Johnson&Johnson and Google. The report covers all major industries including financial services, healthcare, professional services, manufacturing and FMCG. - Use the information to build a solid action plan that will help to boost the execution capabilities on team, division or company level. Get new ideas to boost the performance management. - Find out what leading companies are doing today to improve their performance management. Access the latest trends via 30 key findings analysed and commented by our experts. - The Strategy Execution Barometer provides a wealth of inspiration to improve the performance management practice in any organisation.

Part of a four-volume set, this book constitutes the refereed proceedings of the 7th International Conference on Computational Science, ICCS 2007, held in Beijing, China in May 2007. The papers cover a large volume of topics in computational science and related areas, from multiscale physics to wireless networks, and from graph theory to tools for program development.

Statistics with Maple is a practical guide for engineers, statisticians, business professionals and others who use the Maple software package and who wish to use it to produce numerical summaries, make graphical displays, and perform statistical inference. The book and software package is unique in its focus on using Maple for statistical methodology. This tutorial and reference manual assumes that readers have a basic knowledge of statistics and a familiarity with Maple. * When a statistical concept is introduced, the appropriate Maple syntax is provided along with a straightforward, worked-out example * Authors provide over 150 procedures on a CD-ROM that is packaged with the book * Users are invited to copy the code into Maple worksheets and modify it for their own use

You think you have a winning strategy. But do you? Executives are bombarded with bestselling ideas and best practices for achieving competitive advantage, but many of these ideas and practices contradict each other. Should you aim to be big or fast? Should you create a blue ocean, be adaptive, play to win—or forget about a sustainable competitive advantage altogether? In a business environment that is changing faster and becoming more uncertain and complex almost by the day, it's never been more important—or more difficult—to choose the right approach to strategy. In this book, The Boston Consulting Group's Martin Reeves, Knut Haanæs, and Janmejaya Sinha offer a proven method to determine the strategy approach that is best for your company. They start by helping you assess your business environment—how unpredictable it is, how much power you have to change it, and how harsh it is—a critical component of getting strategy right. They show how existing strategy approaches sort into five categories—Be Big, Be Fast, Be First, Be the Orchestrator, or simply Be Viable—depending on the extent of predictability, malleability, and harshness. In-depth explanations of each of these approaches will provide critical insight to help you match your approach to strategy to your environment, determine when and how to execute each one, and avoid a potentially fatal mismatch. Addressing your most pressing strategic challenges, you'll be able to answer questions such as: • What replaces planning when the annual cycle is obsolete? • When can we—and when should we—shape the game to our advantage? • How do we simultaneously implement different strategic approaches for different business units? • How do we manage the inherent contradictions in formulating and executing different strategies across multiple businesses and geographies? Until now, no book brings it all together and offers a practical tool for understanding which strategic approach to apply. Get started today.

This book constitutes the refereed proceedings of the 7th Asian Computing Science Conference, ASIAN 2002, held in Hanoi, Vietnam in December 2002. The 17 revised full papers presented together with two invited contributions were carefully reviewed and selected from 30 submissions. The conference was devoted to Internet computing and modeling, grid computing, peer-to-peer systems, and cluster computing. Among the issues addressed are scalable infrastructure for global data grids, distributed checkpointing, list coloring, parallel debugging, combinatorial optimization, video on demand servers, caching, grid environments, network enabled servers, multicast communication, dynamic resource allocation, traffic engineering, path-vector protocols, Web-based Internet broadcasting, Web-based middleware, and subscription-based Internet services.

Dale Carnegie did it with How to Win Friends and Influence People. Jay Conrad Levinson did it with Guerrilla Marketing. Anthony Robbins did it with Awaken The Giant Within. Tim Ferris did it with The Four-Hour Workweek. Suze Orman did it with The Courage to Be Rich. These business owners became household names and business powerhouses by publishing and strategically promoting their own bestselling books. Now, for the first time, you can do so, too. Why? Because a recently discovered proven

technology combining book publishing and internet marketing can propel your brand to the top of your marketplace. In this book, you will learn the exact process entrepreneurs are using to grab and keep market share... and let the profits roll in!

New technology is always evolving and companies must have appropriate security for their business to be able to keep up-to-date with the changes. With the rapid growth in internet and www facilities, database security will always be a key topic in business and in the public sector and has implications for the whole of society. Database Security Volume XII covers issues related to security and privacy of information in a wide range of applications, including: Electronic Commerce Informational Assurances Workflow Privacy Policy Modeling Mediation Information Warfare Defense Multilevel Security Role-based Access Controls Mobile Databases Inference Data Warehouses and Data Mining. This book contains papers and panel discussions from the Twelfth Annual Working Conference on Database Security, organized by the International Federation for Information Processing (IFIP) and held July 15-17, 1998 in Chalkidiki, Greece. Database Security Volume XII will prove invaluable reading for faculty and advanced students as well as for industrial researchers and practitioners working in the area of database security research and development.

An Essential Reference for Intermediate and Advanced R Programmers Advanced R presents useful tools and techniques for attacking many types of R programming problems, helping you avoid mistakes and dead ends. With more than ten years of experience programming in R, the author illustrates the elegance, beauty, and flexibility at the heart of R. The book develops the necessary skills to produce quality code that can be used in a variety of circumstances. You will learn: The fundamentals of R, including standard data types and functions Functional programming as a useful framework for solving wide classes of problems The positives and negatives of metaprogramming How to write fast, memory-efficient code This book not only helps current R users become R programmers but also shows existing programmers what's special about R. Intermediate R programmers can dive deeper into R and learn new strategies for solving diverse problems while programmers from other languages can learn the details of R and understand why R works the way it does.

Turn Strategy into Performance! In today's world of rapid, disruptive change, strategy can't be separate from execution—it has to emerge from execution. You have to continually adjust your strategy to fit new realities. But if your organization isn't set up to be fast on its feet, you could easily go the way of Blockbuster or Borders. Laura Stack shows you how to quickly drive strategic initiatives and get great results from your team. Her LEAD Formula outlines the Four Keys to Successful Execution: the ability to Leverage your talent and resources, design an Environment to support an agile culture, create Alignment between strategic priorities and operational activities, and Drive the organization forward quickly. She includes a leadership team assessment, group reading guides, and bonus self-development resources. Stack will equip you with the knowledge, skills, and inspiration to help you hit the ground running!

This book constitutes the refereed proceedings of the 23rd International Symposium on Distributed Computing, DISC 2009, held in Elche, Spain, in September 2009. The 33 revised full papers, selected from 121 submissions, are presented together with 15 brief announcements of ongoing works; all of them were carefully reviewed and selected for inclusion in the book. The papers address all aspects of distributed computing, and were organized in topical sections on Michel Raynal and Shmuel Zaks 60th birthday symposium, award nominees, transactional memory, shared memory, distributed and local graph algorithms, modeling issues, game theory, failure detectors, from theory to practice, graph algorithms and routing, consensus and byzantine agreement and radio networks.

The strategy journey to success is long and dangerous. Most strategies lose between 40 and 60 percent of their financial potential along the execution highway. There is a path that will make the trip dramatically shorter. It exists in every organization, but mostly stays hidden. With the help of science, we'll uncover The Execution Shortcut. There are three prerequisites: (1) The Head connection - people need to be aware of your strategy; (2) The Heart connection - people need to care about your strategy; (3) The Hands connection - people need the energy to push your strategy forwards.

Excel 2007 Programming by Example with XML and ASP offers a hands-on approach for those looking to extend and customize Excel functionality. From recording a simple macro and writing VBA code to working with XML documents and using ASP to access and display data, this book takes you on a programming journey that will change the way you work with Excel. Learn how to automate spreadsheet tasks with macros; write VBA code to program PivotTables, generate charts, build dialog boxes, and customize the Ribbon; handle errors and debug programs; create hyperlinks and publish HTML files. Retrieve data from the web directly into Excel; develop and manipulate smart tags using XML.

With many innovations, the SIMATIC S7-1500 programmable logic controller (PLC) sets new standards in productivity and efficiency in control technology. By its outstanding system performance and with PROFINET as the standard interface, it ensures extremely short system response times and the highest control quality with a maximum of flexibility for most demanding automation tasks. The engineering software STEP 7 Professional operates inside TIA Portal, a user interface that is designed for intuitive operation. Functionality includes all aspects of Automation: from the configuration of the controllers via the programming in the IEC languages LAD, FBD, STL, and SCL up to the program test. In the book, the hardware components of the automation system S7-1500 are presented including the description of their configuration and parameterization. A comprehensive introduction into STEP 7 Professional illustrates the basics of programming and troubleshooting. Beginners learn the basics of automation with Simatic S7-1500 and users who will switch from S7-300 and S7-400 receive the necessary knowledge.

The quick way to learn Windows 10 This is learning made easy. Get more done quickly with Windows 10. Jump in wherever you need answers--brisk lessons and colorful screenshots show you exactly what to do, step by step. Discover fun and functional Windows 10 features! Work with the new, improved Start menu and Start screen Learn about different sign-in methods Put the Cortana personal assistant to work for you Manage your online reading list and annotate articles with the new browser, Microsoft Edge Help safeguard your computer, your information, and your privacy Manage connections to networks, devices, and storage resources

Written by experts that include originators of some key ideas, chapters in the Handbook of Multiple Testing cover multiple comparison problems big and small, with guidance toward error rate control and insights on how principles developed earlier can be applied to current and emerging problems. Some highlights of the coverages are as follows. Error rate control is useful for controlling the incorrect decision rate. Chapter 1 introduces Tukey's original multiple comparison error rates and point to how they have been applied and adapted to modern multiple comparison problems as discussed in the later chapters. Principles endure. While the closed testing principle is more familiar, Chapter 4 shows the partitioning principle can derive confidence sets for multiple tests, which may become important as the profession goes beyond making decisions based on p-values. Multiple comparisons of treatment efficacy often involve multiple doses and endpoints. Chapter 12 on multiple endpoints explains how different choices of endpoint types lead to different multiplicity adjustment strategies, while Chapter 11 on the MCP-Mod approach is particularly useful for dose-finding. To assess efficacy in clinical trials with multiple doses and multiple endpoints, the reader can see the traditional approach in Chapter 2, the Graphical approach in Chapter 5, and the multivariate approach in Chapter 3. Personalized/precision medicine based on targeted therapies, already a reality, naturally leads to analysis of efficacy in

subgroups. Chapter 13 draws attention to subtle logical issues in inferences on subgroups and their mixtures, with a principled solution that resolves these issues. This chapter has implication toward meeting the ICHE9R1 Estimands requirement. Besides the mere multiple testing methodology itself, the handbook also covers related topics like the statistical task of model selection in Chapter 7 or the estimation of the proportion of true null hypotheses (or, in other words, the signal prevalence) in Chapter 8. It also contains decision-theoretic considerations regarding the admissibility of multiple tests in Chapter 6. The issue of selected inference is addressed in Chapter 9. Comparison of responses can involve millions of voxels in medical imaging or SNPs in genome-wide association studies (GWAS). Chapter 14 and Chapter 15 provide state of the art methods for large scale simultaneous inference in these settings.

The Best Resource on the Market for Learning AutoCAD for Mac software! This comprehensive Autodesk Official Training Guide has everything you need to quickly become proficient with every aspect of Autodesk's new AutoCAD for Mac software. Award-winning author George Omura, whom most CAD designers know and respect from his all-time bestselling Mastering AutoCAD books, now applies his legendary AutoCAD expertise, approachable style, and thorough Mastering coverage to Mastering AutoCAD for Mac. You'll quickly and efficiently build skills, whether you're just beginning or are already a seasoned AutoCAD user. Teaches you to design and draft using AutoCAD for Mac Helps you quickly master basic, intermediate, and advanced skills Covers using hatches, fields, and tables effectively; manipulating dynamic blocks and attributes; rendering 3D views with lighting and materials; exploring parametric modeling; transforming 2D drawings into 3D renderings; and more Provides step-by-step instruction and exercises, as well as real-world examples and case studies Functions as both a detailed tutorial and also a one-stop, stand-alone reference Mastering AutoCAD for Mac is also an Autodesk Official Training Guide The world's best AutoCAD resources—George Omura and the Mastering AutoCAD series from Sybex—are now available to help you master AutoCAD for Mac.

Demystifies Biomedical and Biological Big Data Analyses Big Data Analysis for Bioinformatics and Biomedical Discoveries provides a practical guide to the nuts and bolts of Big Data, enabling you to quickly and effectively harness the power of Big Data to make groundbreaking biological discoveries, carry out translational medical research, and implement personalized genomic medicine. Contributing to the NIH Big Data to Knowledge (BD2K) initiative, the book enhances your computational and quantitative skills so that you can exploit the Big Data being generated in the current omics era. The book explores many significant topics of Big Data analyses in an easily understandable format. It describes popular tools and software for Big Data analyses and explains next-generation DNA sequencing data analyses. It also discusses comprehensive Big Data analyses of several major areas, including the integration of omics data, pharmacogenomics, electronic health record data, and drug discovery. Accessible to biologists, biomedical scientists, bioinformaticians, and computer data analysts, the book keeps complex mathematical deductions and jargon to a minimum. Each chapter includes a theoretical introduction, example applications, data analysis principles, step-by-step tutorials, and authoritative references.

NEW YORK TIMES BOOK REVIEW EDITORS' CHOICE • In this "spellbinding memoir" (The Washington Post), a private investigator revisits the case that has haunted her for decades and sets out on a deeply personal quest to sort truth from lies. "Beautifully written."—Heather Ann Thompson, Pulitzer Prize-winning author of Blood in the Water In 1990, Ellen McGarrah was a young reporter for the Miami Herald when she covered the execution of Jesse Tafero, a man convicted of murdering two police officers. When it later emerged that Tafero may have been innocent, McGarrah was appalled by her unquestioning acceptance of the state's version of events. The revelation propelled her into a new career as a private investigator. Decades later, McGarrah finally decides to find out the truth of what really happened in Florida. Her investigation plunges her back into the Miami of the 1960s and 1970s, a dangerous world of nightclubs, speed boats, and cartels, all awash in violence. She combs through stacks of court files and interviews everyone involved in the case. But even as McGarrah circles closer to the truth, the story of guilt and innocence becomes more complex, and she gradually discovers that she hasn't been alone in her need for closure. Because whenever a human life is forcibly taken—by bullet, or by electric chair—the reckoning is long and difficult for all. A fascinating glimpse into the mind of a private investigator, Two Truths and a Lie is ultimately a deeply personal exploration of one woman's quest to find answers in a chaotic world.

For many researchers, Python is a first-class tool mainly because of its libraries for storing, manipulating, and gaining insight from data. Several resources exist for individual pieces of this data science stack, but only with the Python Data Science Handbook do you get them all—IPython, NumPy, Pandas, Matplotlib, Scikit-Learn, and other related tools. Working scientists and data crunchers familiar with reading and writing Python code will find this comprehensive desk reference ideal for tackling day-to-day issues: manipulating, transforming, and cleaning data; visualizing different types of data; and using data to build statistical or machine learning models. Quite simply, this is the must-have reference for scientific computing in Python. With this handbook, you'll learn how to use: IPython and Jupyter: provide computational environments for data scientists using Python NumPy: includes the ndarray for efficient storage and manipulation of dense data arrays in Python Pandas: features the DataFrame for efficient storage and manipulation of labeled/columnar data in Python Matplotlib: includes capabilities for a flexible range of data visualizations in Python Scikit-Learn: for efficient and clean Python implementations of the most important and established machine learning algorithms A handy book for someone just starting with Unix or Linux, and an ideal primer for Mac and PC users of the Internet who need to know a little about Unix on the systems they visit. The most effective introduction to Unix in print, covering Internet usage for email, file transfers, web browsing, and many major and minor updates to help the reader navigate the ever-expanding capabilities of the operating system.

In this provocative & persuasive new book, De Flander explores the mindset of the highly successful and uses 6 decades of scientific research to reveal 3 proven performance principles. Drawing on startling statistics and cutting-edge insights, he packages science into a fascinating narrative packed with irresistible and practical takeaways.

Learn the fundamentals of PowerShell to build reusable scripts and functions to automate administrative tasks with Windows About This Book Harness the capabilities of the PowerShell system to get started quickly with server automation Learn to package commands into a reusable script and add control structures and parameters to make them

flexible Get to grips with cmdlets that allow you to perform administration tasks efficiently Who This Book Is For This book is intended for Windows administrators or DevOps users who need to use PowerShell to automate tasks. Whether you know nothing about PowerShell or know just enough to get by, this guide will give you what you need to go to take your scripting to the next level. What You Will Learn Learn to verify your installed version of PowerShell, upgrade it, and start a PowerShell session using the ISE Discover PowerShell commands and cmdlets and understand PowerShell formatting Use the PowerShell help system to understand what particular cmdlets do Utilise the pipeline to perform typical data manipulation Package your code in scripts, functions, and modules Solve common problems using basic file input/output functions Find system information with WMI and CIM Automate IIS functionality and manage it using the WebAdministration module In Detail Windows PowerShell is a task-based command-line shell and scripting language designed specifically for system administration. Built on the .NET Framework, Windows PowerShell helps IT professionals and power users control and automate the administration of the Windows operating system and applications that run on Windows. PowerShell is great for batch importing or deleting large sets of user accounts and will let you collect a massive amount of detailed system information in bulk via WMI (Windows Management Instrumentation). Getting Started with PowerShell is designed to help you get up and running with PowerShell, taking you from the basics of installation, to writing scripts and web server automation. This book, as an introduction to the central topics of PowerShell, covers finding and understanding PowerShell commands and packaging code for reusability, right through to a practical example of automating IIS. It also includes topics such as installation and setup, creating scripts, automating tasks, and using Powershell to access data stores, registry, and file systems. You will explore the PowerShell environment and discover how to use cmdlets, functions, and scripts to automate Windows systems. Along the way, you will learn to perform data manipulation and solve common problems using basic file input/output functions. By the end of this book, you will be familiar with PowerShell and be able to utilize the lessons learned from the book to automate your servers. Style and approach A practical learning guide, complete with plenty of activities, examples and screenshots. R Markdown: The Definitive Guide is the first official book authored by the core R Markdown developers that provides a comprehensive and accurate reference to the R Markdown ecosystem. With R Markdown, you can easily create reproducible data analysis reports, presentations, dashboards, interactive applications, books, dissertations, websites, and journal articles, while enjoying the simplicity of Markdown and the great power of R and other languages. In this book, you will learn Basics: Syntax of Markdown and R code chunks, how to generate figures and tables, and how to use other computing languages Built-in output formats of R Markdown: PDF/HTML/Word/RTF/Markdown documents and ioslides/Slidy/Beamer/PowerPoint presentations Extensions and applications: Dashboards, Tufte handouts, xaringan/reveal.js presentations, websites, books, journal articles, and interactive tutorials Advanced topics: Parameterized reports, HTML widgets, document templates, custom output formats, and Shiny documents. Yihui Xie is a software engineer at RStudio. He has authored and co-authored several R packages, including knitr, rmarkdown, bookdown, blogdown, shiny, xaringan, and animation. He has published three other books, Dynamic Documents with R and knitr, bookdown: Authoring Books and Technical Documents with R Markdown, and blogdown: Creating Websites with R Markdown. J.J. Allaire is the founder of RStudio and the creator of the RStudio IDE. He is an author of several packages in the R Markdown ecosystem including rmarkdown, flexdashboard, learnr, and radix. Garrett Golemund is the co-author of R for Data Science and author of Hands-On Programming with R. He wrote the lubridate R package and works for RStudio as an advocate who trains engineers to do data science with R and the Tidyverse.

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