

It Architecture For Dummies R

When is a building just a building and when is it art? This accessible guide cuts through the jargon and clearly explains the essentials of architecture, demystifying the incredible ways in which structures and spaces come alive. You'll gain a real appreciation for architecture and the confidence to talk about it—even to an architect. Just the essential information for readers on the go who want to understand architecture. Covers the highlights of architectural history, from the Great

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Pyramids to Frank Gehry's Guggenheim museum in Bilbao. Explains how to look at a building and appreciate it. Explains when a building's a building and when it's art. Part of Tens includes Ten Great Architectural Masterpieces, Ten Biggest Architectural and Engineering Failures, Ten of the Most Interesting Architects Working Today, and more.

If you're considering R for statistical computing and data visualization, this book provides a quick and practical guide to just about everything you can do with the open source R language and software environment.

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You'll learn how to write R functions and use R packages to help you prepare, visualize, and analyze data. Author Joseph Adler illustrates each process with a wealth of examples from medicine, business, and sports. Updated for R 2.14 and 2.15, this second edition includes new and expanded chapters on R performance, the ggplot2 data visualization package, and parallel R computing with Hadoop. Get started quickly with an R tutorial and hundreds of examples Explore R syntax, objects, and other language details Find thousands of user-contributed R packages online, including Bioconductor Learn how to

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use R to prepare data for analysis Visualize your data with R's graphics, lattice, and ggplot2 packages Use R to calculate statistical tests, fit models, and compute probability distributions Speed up intensive computations by writing parallel R programs for Hadoop Get a complete desktop reference to R

Looks at the principles and clean code, includes case studies showcasing the practices of writing clean code, and contains a list of heuristics and "smells" accumulated from the process of writing clean code. One of Mark Cuban's top reads for better

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understanding A.I. (inc.com, 2021) Your comprehensive entry-level guide to machine learning While machine learning expertise doesn't quite mean you can create your own Turing Test-proof android—as in the movie Ex Machina—it is a form of artificial intelligence and one of the most exciting technological means of identifying opportunities and solving problems fast and on a large scale. Anyone who masters the principles of machine learning is mastering a big part of our tech future and opening up incredible new directions in careers that include fraud detection, optimizing search

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results, serving real-time ads, credit-scoring, building accurate and sophisticated pricing models—and way, way more. Unlike most machine learning books, the fully updated 2nd Edition of *Machine Learning For Dummies* doesn't assume you have years of experience using programming languages such as Python (R source is also included in a downloadable form with comments and explanations), but lets you in on the ground floor, covering the entry-level materials that will get you up and running building models you need to perform practical tasks. It takes a look at the underlying—and fascinating—math

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principles that power machine learning but also shows that you don't need to be a math whiz to build fun new tools and apply them to your work and study. Understand the history of AI and machine learning Work with Python 3.8 and TensorFlow 2.x (and R as a download) Build and test your own models Use the latest datasets, rather than the worn out data found in other books Apply machine learning to real problems Whether you want to learn for college or to enhance your business or career performance, this friendly beginner's guide is your best introduction to machine learning, allowing you to become quickly

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confident using this amazing and fast-developing technology that's impacting lives for the better all over the world.

Romania stands at the crossroads of Europe, Asia, and the Middle East. Since 1990, when the country experienced the bloodiest revolution of all of the Warsaw Pact members, Romania has gone through withering change. While the formal transition from a totalitarian, communist state was completed in 2007 with Romania's accession into the European Union, the adaptation of the nation's people and business climate to a market-based economy is a daily occurrence.

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In the 2000's, in the lead up to EU accession, Romania was one of the largest recipients of Foreign Direct Investment in the world. While multinational corporations poured in hundreds of billions of dollars, there was also a restructuring of the way business was conducted. Western systems of management and organization—foreign to most Romanian academics and business people—almost overnight transformed the way the marketplace was perceived. Romania's entrepreneurs were quick to adapt to the new ways, leveraging new opportunities in the environment. Fortunes were made. Multinationals also

burgeoned in Romania. Companies like Microsoft, General Electric, Timken, Kraft, P&G, Renault and dozens of others successfully took advantage of the possibilities created by a relatively well-educated population that was moving into the middle class. For the most part, however, researchers and scholars were caught off guard by the quickening pace of business change in Romania. Only until very recently has the academic community at large been able to wade through the murkiness and begin to see what the new landscape looks like. It is the purpose of this edited volume, which

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includes the work of some of Romania's finest business scholars, to provide even greater clarity to the current and future scene. Moreover, the experience in Romania helps shed light on the dynamics of economic and business transition throughout Eastern Europe, the Middle East, and other emerging regions, with implications for practice, policymaking, and research.

Systems Architecting

Machine Learning For Dummies

Clean Architecture

Data analysis and graphics with R

R Projects For Dummies

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Combine business sense, statistics, and computers in a new and intuitive way, thanks to Big Data Predictive analytics is a branch of data mining that helps predict probabilities and trends. Predictive Analytics For Dummies explores the power of predictive analytics and how you can use it to make valuable predictions for your business, or in fields such as advertising, fraud detection, politics, and others. This practical book does not bog you down with loads of mathematical or scientific theory, but instead helps you quickly see how to use the right algorithms and tools to collect and analyze data and

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apply it to make predictions. Topics include using structured and unstructured data, building models, creating a predictive analysis roadmap, setting realistic goals, budgeting, and much more. Shows readers how to use Big Data and data mining to discover patterns and make predictions for tech-savvy businesses Helps readers see how to shepherd predictive analytics projects through their companies Explains just enough of the science and math, but also focuses on practical issues such as protecting project budgets, making good presentations, and more Covers nuts-and-bolts

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topics including predictive analytics basics, using structured and unstructured data, data mining, and algorithms and techniques for analyzing data Also covers clustering, association, and statistical models; creating a predictive analytics roadmap; and applying predictions to the web, marketing, finance, health care, and elsewhere Propose, produce, and protect predictive analytics projects through your company with Predictive Analytics For Dummies. Implement programming best practices from the ground up Imagine how much easier it would be to solve a programming problem, if you had access to

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the best practices from all the top experts in the field, and you could follow the best design patterns that have evolved through the years. Well, now you can. This unique book offers development solutions ranging from high-level architectural patterns, to design patterns that apply to specific problems encountered after the overall structure has been designed, to idioms in specific programming languages--all in one, accessible, guide. Not only will you improve your understanding of software design, you'll also improve the programs you create and successfully take your development ideas to the next

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level. Pulls together the best design patterns and best practices for software design into one accessible guide to help you improve your programming projects Helps you avoid re-creating the wheel and also meet the ever-increasing pace of rev cycles, as well as the ever-increasing number of new platforms and technologies for mobile, web, and enterprise computing Fills a gap in the entry-level POSA market, as well as a need for guidance in implementing best practices from the ground up Save time and avoid headaches with your software development projects with Pattern-Oriented Software

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Architecture For Dummies.

Take a dive into data lakes “Data lakes” is the latest buzz word in the world of data storage, management, and analysis. Data Lakes For Dummies decodes and demystifies the concept and helps you get a straightforward answer the question: “What exactly is a data lake and do I need one for my business?” Written for an audience of technology decision makers tasked with keeping up with the latest and greatest data options, this book provides the perfect introductory survey of these novel and growing features of the information landscape. It

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explains how they can help your business, what they can (and can ' t) achieve, and what you need to do to create the lake that best suits your particular needs. With a minimum of jargon, prolific tech author and business intelligence consultant Alan Simon explains how data lakes differ from other data storage paradigms. Once you ' ve got the background picture, he maps out ways you can add a data lake to your business systems; migrate existing information and switch on the fresh data supply; clean up the product; and open channels to the best intelligence software for to interpreting what you ' ve stored.

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Understand and build data lake architecture Store, clean, and synchronize new and existing data Compare the best data lake vendors Structure raw data and produce usable analytics Whatever your business, data lakes are going to form ever more prominent parts of the information universe every business should have access to. Dive into this book to start exploring the deep competitive advantage they make possible—and make sure your business isn't left standing on the shore.

This guide provides an overview of the many components of the popular practice of flipping

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properties. Coverage spans the flipping process from start to finish—finding, buying, fixing up, and selling—and the variables needed to make all of those steps successful and profitable. Also included is coverage on negotiating, property inspections, mortgages, taxes, and working with contractors, brokers, and real estate agents. The book is perfect for responsible investors who want to flip houses the right way and steer clear of legal gray areas that get some investors into trouble.

Intelligent readers who want to build their own embedded computer systems-- installed in

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everything from cell phones to cars to handheld organizers to refrigerators-- will find this book to be the most in-depth, practical, and up-to-date guide on the market. Designing Embedded Hardware carefully steers between the practical and philosophical aspects, so developers can both create their own devices and gadgets and customize and extend off-the-shelf systems. There are hundreds of books to choose from if you need to learn programming, but only a few are available if you want to learn to create hardware. Designing Embedded Hardware provides software and hardware engineers with no prior

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experience in embedded systems with the necessary conceptual and design building blocks to understand the architectures of embedded systems. Written to provide the depth of coverage and real-world examples developers need, *Designing Embedded Hardware* also provides a road-map to the pitfalls and traps to avoid in designing embedded systems. *Designing Embedded Hardware* covers such essential topics as: The principles of developing computer hardware Core hardware designs Assembly language concepts Parallel I/O Analog-digital conversion Timers (internal and external)

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UART Serial Peripheral Interface Inter-Integrated Circuit Bus Controller Area Network (CAN) Data Converter Interface (DCI) Low-power operation This invaluable and eminently useful book gives you the practical tools and skills to develop, build, and program your own application-specific computers.

R For Dummies

Business Intelligence For Dummies

R in Action

A Craftsman's Guide to Software Structure and Design

Designing Embedded Hardware

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Make the most of R's extensive toolset R Projects For Dummies offers a unique learn-by-doing approach. You will increase the depth and breadth of your R skillset by completing a wide variety of projects. By using R's graphics, interactive, and machine learning tools, you'll learn to apply R's extensive capabilities in an array of scenarios. The depth of the project experience is unmatched by any other content online or in print. And you just might increase your statistics knowledge along the way, too! R is a free tool, and it's the basis of a huge amount of work in data science. It's taking the place of costly statistical software that sometimes takes a long time to learn. One reason is that you can use just a few R

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commands to create sophisticated analyses. Another is that easy-to-learn R graphics enable you make the results of those analyses available to a wide audience. This book will help you sharpen your skills by applying them in the context of projects with R, including dashboards, image processing, data reduction, mapping, and more. Appropriate for R users at all levels Helps R programmers plan and complete their own projects Focuses on R functions and packages Shows how to carry out complex analyses by just entering a few commands If you're brand new to R or just want to brush up on your skills, R Projects For Dummies will help you complete your projects with ease.

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Information communication technologies have become the necessity in everyday life enabling increased level of communication, processing and information exchange to extent that one could not imagine only a decade ago. Innovations in these technologies open new fields in areas such as: language processing, biology, medicine, robotics, security, urban planning, networking, governance and many others. The applications of these innovations are used to define services that not only ease, but also increase the quality of life. Good education is essential for establishing solid basis of individual development and performance. ICT is integrated part of education at every level and type. Therefore, the special

focus should be given to possible deployment of the novel technologies in order to achieve educational paradigms adapted to possible educational consumer specific and individual needs. This book offers a collection of papers presented at the Fifth International Conference on ICT Innovations held in September 2013, in Ohrid, Macedonia. The conference gathered academics, professionals and practitioners in developing solutions and systems in the industrial and business arena especially innovative commercial implementations, novel applications of technology, and experience in applying recent ICT research advances to practical solutions.

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Emerging as an effective alternative to organization-based information systems, cloud computing has been adopted by many businesses around the world. Despite the increased popularity, there remain concerns about the security of data in the cloud since users have become accustomed to having control over their hardware and software. Security, Trust, and Regulatory Aspects of Cloud Computing in Business Environments compiles the research and views of cloud computing from various individuals around the world. Detailing cloud security, regulatory and industry compliance, and trust building in the cloud, this book is an essential reference source for practitioners, professionals, and researchers worldwide,

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as well as business managers interested in an assembled collection of solutions provided by a variety of cloud users.

Many people believe that cybersecurity is a complicated and complex subject that involves computer security, information assurance, comprehensive infrastructure protection, commercial integrity, and ubiquitous personal interaction. The concepts apply to information, computers, networks, and other elements of coordination, cooperation, and control and involve government, business, education, and the day-to-day lives of private individuals. The concerns normally involve the Internet as a communication facility - hence the name Cybersecurity.

Achieving and maintaining cybersecurity is a never-ending process, much like national security, bank security, and so forth, so it is important to know the essential foundations of how to manage the risks of using technical interactions in order to obtain the inherent benefit. Some of the concerns that immediately come to mind are identity, personal privacy, intellectual property, secure maintenance of the critical infrastructure, and the continued operation of necessary organizations. There is a plethora of printed and online literature on various aspects of Cybersecurity - including computer security, information assurance, infrastructure security, personal security, and associated government policy informations.

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The purpose of this book is to give a composite picture of what Cybersecurity is all about, identify the important literature of the subject, and describe how it differs from everyday information security affecting individuals and computer activities. This book requires knowledge of basic information systems, computer technology, and network security considerations for an understanding of the implications or many of the topics. No knowledge of mathematics, physics, and engineering is required. The author, Harry Katzan Jr., has spent many years in basic computer security, cryptography, and modern methods including artificial intelligence and advanced software development. He is the author of Computer Data

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Security, The Standard Data Encryption Algorithm, and Privacy, Identity and Cloud Computing, and has done development work on security for a major bank. Feeling overwhelmed by the buzz about SOA—service oriented architecture? Take heart! Service Oriented Architecture For Dummies, 2nd Edition makes it easy to understand, plan, and implement the latest SOA solutions for your business. Whether you're the IT person responsible for developing SOA or the executive who's trying to get a handle on the concept, Service Oriented Architecture For Dummies, 2nd Edition will help you understand what SOA is, why it's important, and how you can make the most of it. You'll find out about the business

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and financial aspects of SOA, how to decide if you need it, and what it can mean to your bottom line. Discover how to: Identify the main components of SOA and how they work to create business processes Create reusable, flexible systems and avoid common pitfalls Deconstruct business processes and applications to identify their components, then put them together in new ways Construct SOA business applications for maximum adaptability Confirm quality in a situation that's difficult to test, and assure the quality and consistency of your data Develop a governance strategy for SOA based on your company's philosophy and culture Work with XML and understand how it's used in SOA Maximize the benefits of

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unified communications Understand software ecosystems, rich interfaces, and the development lifecycle Packed with real-life case studies illustrating how SOA has been applied in a variety of industries, Service Oriented Architecture For Dummies, 2nd Edition demystifies one of today's hottest business tools. The Changing Business Landscape of Romania Service Oriented Architecture (SOA) For Dummies Methods and Examples BIM Handbook Flipping Houses For Dummies
Now, you can finally end the cycle of

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bad credit and get back on your feet by following the step-by-step advice and tools in *Credit Repair Kit For Dummies*, 2nd Edition. You'll find out everything you need to know about creating a solid plan to get your credit back on track. You'll discover how to find your credit report, review all of the information in it, and learn how you can repair and spruce it up. You'll learn how to communicate with creditors and how to budget so that you can pay your bills

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in full and on time. You'll learn how to apply these credit strategies to all life situations, from building credit with your life partner to financially surviving a divorce, unemployment, and student loans. You will find out how to safe-guard your identity so that other people don't damage your credit. Find out how to: Take charge of your credit Get help from credit counselors Request copies of your credit report Know how to interpret your credit report and

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credit score Avoid foreclosure
Communicate with collectors, lawyers,
and the courts Manage medical debt Safe-
guard your identity Complete with lists
of ten tips to avoid identity theft and
reduce damages, ten ways you can
prevent foreclosure, ten methods for
establishing and improving credit, and
ten strategies for handling financial
emergencies, Credit Repair Kit For
Dummies, 2nd Edition is your one-stop
guide to improving and maintaining your

credit score and protecting your identity. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

This volume presents recent research, challenging problems and solutions in Intelligent Systems– covering the following disciplines: artificial and computational intelligence, fuzzy logic and other non-classic logics, intelligent database systems, information retrieval, information

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fusion, intelligent search (engines), data mining, cluster analysis, unsupervised learning, machine learning, intelligent data analysis, (group) decision support systems, intelligent agents and multi-agent systems, knowledge-based systems, imprecision and uncertainty handling, electronic commerce, distributed systems, etc. The book defines a common ground for sometimes seemingly disparate problems and addresses them

by using the paradigm of broadly perceived intelligent systems. It presents a broad panorama of a multitude of theoretical and practical problems which have been successfully dealt with using the paradigm of intelligent computing.

All the answers to your data science questions Over half of all businesses are using data science to generate insights and value from big data. How are they doing it? Data Science

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Strategy For Dummies answers all your questions about how to build a data science capability from scratch, starting with the “what” and the “why” of data science and covering what it takes to lead and nurture a top-notch team of data scientists. With this book, you’ll learn how to incorporate data science as a strategic function into any business, large or small. Find solutions to your real-life challenges as you uncover the stories and value

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hidden within data. Learn exactly what data science is and why it's important Adopt a data-driven mindset as the foundation to success Understand the processes and common roadblocks behind data science Keep your data science program focused on generating business value Nurture a top-quality data science team In non-technical language, Data Science Strategy For Dummies outlines new perspectives and strategies to effectively lead

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analytics and data science functions to create real value.

The trusted handbook?now in a new edition This newly revised handbook presents a multifaceted view of systems engineering from process and systems management perspectives. It begins with a comprehensive introduction to the subject and provides a brief overview of the thirty-four chapters that follow. This introductory chapter is intended to serve as a "field guide"

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that indicates why, when, and how to use the material that follows in the handbook. Topical coverage includes: systems engineering life cycles and management; risk management; discovering system requirements; configuration management; cost management; total quality management; reliability, maintainability, and availability; concurrent engineering; standards in systems engineering; system architectures; systems design;

systems integration; systematic measurements; human supervisory control; managing organizational and individual decision-making; systems reengineering; project planning; human systems integration; information technology and knowledge management; and more. The handbook is written and edited for systems engineers in industry and government, and to serve as a university reference handbook in systems engineering and management

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courses. By focusing on systems engineering processes and systems management, the editors have produced a long-lasting handbook that will make a difference in the design of systems of all types that are large in scale and/or scope.

Art history is more than just a collection of dates and foreign-sounding names, obscure movements and arcane isms. Every age, for the last 50,000 years has left its unique

imprint on the world, and from the first cave paintings to the ceiling of the Sistine Chapel, from the Byzantine mosaics of the Hagia Sophia, to the graffiti-inspired paintings of Jean-Michel Basquiat, art history tells the story of our evolving notions of who and what we are and our place in the universe. Whether you're an art enthusiast who'd like to know more about the history behind your favorite works and artists, or somebody who

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couldn't tell a Titian and a De Kooning—but would like to—Art History For Dummies is for you. It takes you on a tour of thirty millennia of artistic expression, covering the artistic movements, major artists, and indispensable masterworks, and the world events and cultural trends that helped spawn them. With the help of stunning black-and-white photos throughout, and a sixteen-page gallery of color images, it covers: The rise

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and fall of classical art in Greece and Rome The differences between Renaissance art and Mannerism How the industrial revolution spawned Romanticism How and why Post-Impression branched off from Impressionism Constructivism, Dadaism, Surrealism and other 20th century isms What's up with today's eclectic art scene Art History For Dummies is an unbeatable reference for anyone who wants to understand art in its historical context.

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Handbook of Systems Engineering and
Management

Predictive Analytics For Dummies

Lessons for and from Transition

Economies

Data Lakes For Dummies

R in a Nutshell

Practical Software Architecture Solutions from the
Legendary Robert C. Martin (“Uncle Bob”) By applying
universal rules of software architecture, you can
dramatically improve developer productivity throughout
the life of any software system. Now, building upon the

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success of his best-selling books *Clean Code* and *The Clean Coder*, legendary software craftsman Robert C. Martin (“Uncle Bob”) reveals those rules and helps you apply them. Martin’s *Clean Architecture* doesn’t merely present options. Drawing on over a half-century of experience in software environments of every imaginable type, Martin tells you what choices to make and why they are critical to your success. As you’ve come to expect from Uncle Bob, this book is packed with direct, no-nonsense solutions for the real challenges you’ll face—the ones that will make or break your projects. Learn what software architects need to achieve—and core disciplines and

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practices for achieving it Master essential software design principles for addressing function, component separation, and data management See how programming paradigms impose discipline by restricting what developers can do Understand what's critically important and what's merely a "detail" Implement optimal, high-level structures for web, database, thick-client, console, and embedded applications Define appropriate boundaries and layers, and organize components and services See why designs and architectures go wrong, and how to prevent (or fix) these failures Clean Architecture is essential reading for every current or aspiring software architect, systems analyst,

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system designer, and software manager—and for every programmer who must execute someone else’s designs. Register your product for convenient access to downloads, updates, and/or corrections as they become available. Some copies of *A+ Certification All-in-One For Dummies* (9781119255710) were printed without access codes to the online test bank. If you did not receive a PIN with your book, please visit www.dummies.com/go/getaccess to request one. All the knowledge you need to pass the new A+ exam A+ is the gateway certification into many IT careers and can be essential in order to start your occupation off on the right foot in the exciting and rapidly

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expanding field of information technology. Luckily, the 9 minibooks in *CompTIA A+ Certification All-in-One For Dummies* make it easier to prepare for this all-important exam so you can pass with flying colors! It quickly and easily gets you up to speed on everything from networking and computer repair to troubleshooting, security, permissions, customer service—and everything in between. The CompTIA A+ test is a rigorous exam, but the experts who wrote this book know exactly what you need to understand in order to help you reach your certification goal. Fully updated for the latest revision of the exam, this comprehensive guide covers the domains of

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the exam in detail, reflecting the enhanced emphasis on hardware and new Windows content, as well as the nuts and bolts, like operating system basics, recovering systems, securing systems, and more. • Find new content on Windows 8, Mac OS X, Linux, and mobile devices • Get test-taking advice for the big day • Prepare for the A+ exam with a review of the types of questions you'll see on the actual test • Use the online test bank to gauge your knowledge—and find out where you need more study help With the help of this friendly, hands-on guide, you'll learn everything necessary to pass the test, and more importantly, to succeed in your job!

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Master the programming language of choice among statisticians and data analysts worldwide Coming to grips with R can be tough, even for seasoned statisticians and data analysts. Enter R For Dummies, the quick, easy way to master all the R you'll ever need. Requiring no prior programming experience and packed with practical examples, easy, step-by-step exercises, and sample code, this extremely accessible guide is the ideal introduction to R for complete beginners. It also covers many concepts that intermediate-level programmers will find extremely useful. Master your R ABCs ? get up to speed in no time with the basics, from installing and configuring R to

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writing simple scripts and performing simultaneous calculations on many variables Put data in its place ? get to know your way around lists, data frames, and other R data structures while learning to interact with other programs, such as Microsoft Excel Make data dance to your tune ? learn how to reshape and manipulate data, merge data sets, split and combine data, perform calculations on vectors and arrays, and much more Visualize it ? learn to use R's powerful data visualization features to create beautiful and informative graphical presentations of your data Get statistical ? find out how to do simple statistical analysis, summarize your variables, and conduct classic statistical

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tests, such as t-tests Expand and customize R ? get the lowdown on how to find, install, and make the most of add-on packages created by the global R community for a wide variety of purposes Open the book and find: Help downloading, installing, and configuring R Tips for getting data in and out of R Ways to use data frames and lists to organize data How to manipulate and process data Advice on fitting regression models and ANOVA Helpful hints for working with graphics How to code in R What R mailing lists and forums can do for you Summary R in Action, Second Edition presents both the R language and the examples that make it so useful for

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business developers. Focusing on practical solutions, the book offers a crash course in statistics and covers elegant methods for dealing with messy and incomplete data that are difficult to analyze using traditional methods. You'll also master R's extensive graphical capabilities for exploring and presenting data visually. And this expanded second edition includes new chapters on time series analysis, cluster analysis, and classification methodologies, including decision trees, random forests, and support vector machines. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Business

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pros and researchers thrive on data, and R speaks the language of data analysis. R is a powerful programming language for statistical computing. Unlike general-purpose tools, R provides thousands of modules for solving just about any data-crunching or presentation challenge you're likely to face. R runs on all important platforms and is used by thousands of major corporations and institutions worldwide. About the Book R in Action, Second Edition teaches you how to use the R language by presenting examples relevant to scientific, technical, and business developers. Focusing on practical solutions, the book offers a crash course in statistics, including elegant

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methods for dealing with messy and incomplete data. You'll also master R's extensive graphical capabilities for exploring and presenting data visually. And this expanded second edition includes new chapters on forecasting, data mining, and dynamic report writing. What's Inside Complete R language tutorial Using R to manage, analyze, and visualize data Techniques for debugging programs and creating packages OOP in R Over 160 graphs About the Author Dr. Rob Kabacoff is a seasoned researcher and teacher who specializes in data analysis. He also maintains the popular Quick-R website at statmethods.net. Table of Contents PART 1 GETTING STARTED Introduction to R

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Creating a dataset Getting started with graphs Basic data management Advanced data management PART 2 BASIC METHODS Basic graphs Basic statistics PART 3 INTERMEDIATE METHODS Regression Analysis of variance Power analysis Intermediate graphs Resampling statistics and bootstrapping PART 4 ADVANCED METHODS Generalized linear models Principal components and factor analysis Time series Cluster analysis Classification Advanced methods for missing data PART 5 EXPANDING YOUR SKILLS Advanced graphics with ggplot2 Advanced programming Creating a package Creating dynamic reports Advanced graphics with

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the lattice package available online only from manning.com/kabacoff2

SOA is the most important initiative facing IT today and is difficult to grasp; this book demystifies the complex topic of SOA and makes it accessible to all those people who hear the term but aren't really sure what it means This team of well-respected authors explains that SOA is a collection of applications that enables resources to be available to other participants in a network using any service-based technology Examines how SOA enables faster and cheaper application development and how it offers reusable code that can be used across various

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applications Covers what SOA is, why it matters, how it can impact businesses, and how to take steps to implement SOA in a corporate environment

Styles of Organizing

Security, Trust, and Regulatory Aspects of Cloud

Computing in Business Environments

Access 2010 For Dummies

Statistical Analysis with Excel For Dummies

Service Oriented Architecture For Dummies

The first step in making your ideas a reality SketchUp offers a vast array of tools that help you get your building, woodworking, and design plans out of your

head and into a real model. Even if you've never dabbled in the software, SketchUp All-in-One For Dummies makes it easy to get started as quickly as the ideas pop into your head! Providing real-world insight from top SketchUp insiders, these six-books-in-one teach you how to tackle the basics of the program and apply those skills to real-world projects. You'll discover the basics of modeling as they apply to either free or paid versions of SketchUp before diving into creating models to use for making objects, constructing buildings, or redesigning interiors. Navigate the SketchUp product mix Get familiar with the basics of modeling View and share your models Make your architecture, interior design, and woodworking dreams a reality You have tons of great

ideas—and now you can harness this powerful software to bring them to life.

This book provides a new approach to systems architecting not previously available. The book provides a compact innovative procedure for architecting any type of system. Systems Architecting: Methods and Examples describes a method of system architecting that is believed to be a substantial improvement over "methods" previously covered in other systems architecting books. Incorporates analytic procedure (decision analysis) Defines and evaluates alternative architectures Improves upon existing architecting methods Considers cost-effectiveness of alternatives Provides for competitive analysis and its advantages Shows alternatives on one

simple and easily understood page With the book's relatively straightforward approach, it shows how to architect systems in a way that both developers and clients/customers can readily understand. It uses one of the essential principles suggested by Rechtin and Maier, namely, Simplify, Simplify, Simplify. Systems engineers as well as students taking systems engineering courses will find this book of interest.

You're intelligent, right? So you've already figured out that Business Intelligence can be pretty valuable in making the right decisions about your business. But you've heard at least a dozen definitions of what it is, and heard of at least that many BI tools. Where do you start? Business Intelligence For Dummies makes BI

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Building Information Modeling (BIM) offers a novel approach to design, construction, and facility management in which a digital representation of the building product and process is used to facilitate the exchange and interoperability of information in digital format. BIM is beginning to change the way buildings look, the way they function, and the ways in which they are designed and built. The BIM Handbook, Third Edition provides an in-depth understanding of BIM technologies,

the business and organizational issues associated with its implementation, and the profound advantages that effective use of BIM can provide to all members of a project team. Updates to this edition include: Information on the ways in which professionals should use BIM to gain maximum value New topics such as collaborative working, national and major construction clients, BIM standards and guides A discussion on how various professional roles have expanded through the widespread use and the new avenues of BIM practices and services A wealth of new case studies that clearly illustrate exactly how BIM is applied in a wide variety of conditions Painting a colorful and thorough picture of the state of the art in building information modeling, the BIM

Handbook, Third Edition guides readers to successful implementations, helping them to avoid needless frustration and costs and take full advantage of this paradigm-shifting approach to construct better buildings that consume fewer materials and require less time, labor, and capital resources.

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management of companies; key business processes, areas and activities; and, finally, emerging issues, trends and opportunities, with special attention to diverse Social Web-related implications. The articles are varied, timely and present high-quality research; many of these unique contributions will be especially valued and influential for business scholars and professionals interested in e-business. Many of the contributors are outstanding business scholars who are or have been editors-in-chief of top-ranked management and business journals or have made significant contributions to the development of their respective fields.

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evaluation, and interpretation. The reader will be exposed to powerful algorithms such as regularized regression, random forests, gradient boosting machines, deep learning, generalized low rank models, and more! By favoring a hands-on approach and using real word data, the reader will gain an intuitive understanding of the architectures and engines that drive these algorithms and packages, understand when and how to tune the various hyperparameters, and be able to interpret model results. By the end of this book, the reader should have a firm grasp of R's machine learning stack and be able to implement a systematic approach for producing high quality modeling results. Features:

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and applied introduction to the most popular machine learning methods. · Topics covered include feature engineering, resampling, deep learning and more. · Uses a hands-on approach and real world data.

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