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Ethical Hacking Alana Maurushat 2019-04-09 How will governments and courts protect civil liberties in this new era of hacktivism? Ethical Hacking discusses the attendant moral and legal issues. The first part of the 21st century will likely go down in history as the era when ethical hackers opened governments and the line of transparency moved by force. One need only read the motto “we open governments” on the Twitter page for Wikileaks to gain a sense of the sea change that has occurred. Ethical hacking is the non-violent use of a technology in pursuit of a cause—political or otherwise—which is often legally and morally ambiguous. Hacktivists believe in two general but spirited principles: respect for human rights and fundamental freedoms, including freedom of expression and personal privacy; and the responsibility of government to be open, transparent and fully accountable to the public. How courts and governments will deal with hacking attempts which operate in a grey zone of the law and where different ethical views collide remains to be seen. What is undisputed is that Ethical Hacking presents a fundamental discussion of key societal questions. A fundamental discussion of key societal questions. This book is published in English. - La première moitié du XXIe siècle sera sans doute reconnue comme l’époque où le piratage éthique a ouvert de force les gouvernements, déplaçant les limites de la transparence. La page twitter de Wikileaks enchaîne cet ethos à même sa devise, « we open governments », et sa volonté d’être omniprésent. En parallèle, les grandes sociétés de technologie comme Apple se font compétition pour produire des produits de plus en plus sécuritaires et à protéger les données de leurs clients, alors même que les gouvernements tentent de limiter et de décrypter ces nouvelles technologies d’encryption. Entre-temps, le marché des vulnérabilités en matière de sécurité augmente à mesure que les experts en sécurité informatique vendent des vulnérabilités de logiciels des grandes technologies, dont Apple et Google, contre des sommes allant de 10 000 à 1,5 million de dollars. L’activisme en sécurité est à la hausse. Le piratage éthique est l’utilisation non-violence d’une technologie quelconque en soutien d’une cause politique ou autre qui est souvent ambiguë d’un point de vue juridique et moral. Le hacking éthique peut désigner les actes de vérification de pénétration professionnelle ou d’experts en sécurité informatique, de même que d’autres formes d’actions émergentes, comme l’hacktivisme et la désobéissance civile en ligne. L’hacktivisme est une forme de piratage éthique, mais également une forme de militantisme des droits civils à l’ère numérique. En principe, les adeptes du hacktivism croient en deux grands principes : le respect des droits de la personne et les libertés fondamentales, y compris la liberté d’expression et à la vie privée, et la responsabilité des gouvernements d’être ouverts, transparents et pleinement redevables au public. En pratique, toutefois, les antécédents comme les agendas des hacktivistes sont fort diversifiés. Il n’est pas clair de quelle façon les tribunaux et les gouvernements traiteroient des tentatives de piratage eu égard aux zones grises juridiques, aux approches éthiques conflictuelles, et compte tenu du fait qu’il n’existe actuellement, dans le monde, presque aucune exception aux provisions, en matière de cybercrime et de crime informatique, liées à la recherche sur la sécurité ou l’intérêt public. Il sera également difficile de déterminer le lien entre hacktivism et droits civils. Ce livre est publié en anglais.

Mont Terri Rock Laboratory, 20 Years Paul Bossart 2017-12-20 The international Mont Terri rock laboratory in Switzerland plays a central role in the safety and construction of deep geological nuclear repositories in clay formations. The laboratory has developed and refined a range of new measurement and evaluation methods: it has e.g. advanced the determination of rock parameters using innovative borehole geophysics, improved the methodology for characterizing pore-water and microbial activity in claystones, and greatly improved our understanding of diffusion and retention processes of radionuclides in and through claystones. The methods and insights described in this compendium can also be applied to low-permeability rocks at various sites around the globe, and in other fields of application.

Shooting the Messenger Andrew Fowler 2018-04-17 If the Al-Qaeda terrorists who attacked the United States in 2001 wanted to weaken the West, they achieved their mission by striking a blow at the heart of democracy. Since 9/11 governments including those of the USA, the UK, France and Australia have introduced tough, intimidating legislation to discourage the legitimate activities of a probing press, so greatly needed after the Iraq War proved that executive government could not be trusted. Often hiding behind arguments about defending national security and fighting the war on terror, governments criminalised legitimate journalistic work, ramping up their attacks on journalists’ sources, and the whistle-blowers who are so essential in keeping governments honest. Through detailed research and analysis, this book, which includes interviews with leading figures in the field, including Edward Snowden, explains how mass surveillance and anti-terror laws are of questionable value in defeating terrorism, but have had a ‘chilling effect’ on one of the foundations of democracy: revelatory journalism.

Raspberry Pi I/O Programming Using Python Agus Kurniawan This book provides alternative approach to access Raspberry Pi I/O using Python. It describes how to work with Raspberry Pi I/O and illustrates their use with code examples in Python. The following is highlight topics in book: * Setup Development Environment * Hello Raspberry Pi I/O and Python * Raspberry Pi GPIO * Raspberry Pi UART * Raspberry Pi I2C * Raspberry Pi SPI * Working with DAC and ADC on Raspberry Pi

Healthy SQL Robert Pearl 2015-06-01 “Robert Pearl, a well-known DBA in the SQL community, explains his holistic vision of a database instance that needs regular check-ups and gives the tools, scripts, and best practices he has collected over the years.” Alberto Bolchini, Computing Reviews, May 9, 2016 Healthy SQL is about ensuring the ongoing performance health of a SQL Server database. An unhealthy database is not just an inconvenience; it can bring a business to its knees. And if you are the database administrator, the health of your SQL Server implementation can be a direct reflection on you. It’s in everyone’s best interest to have a healthy SQL implementation. Healthy SQL is built around the concept of a medical checkup, giving you the tools you need to assess the current health of your database and take action to improve upon that health and maintain good performance to your business. Healthy SQL aids in developing a rigorous routine so that you know how healthy your SQL Server machines are, and how you can keep those same servers healthy and fit for duty. The book is filled with practical advice and a time-tested strategy, helping you put together a regimen that will ensure your servers are healthy, your implementation is fully optimized, your services are redundant and highly available, and you have a plan for business continuity in the event of a disaster. If your current environment doesn’t match up with these criteria, then pick up a copy of Healthy SQL today and start your journey on the road to a fit and tight SQL Server deployment.

A Global Perspective on the European Economic Crisis Bruno Dallago 2020-10-12 The financial and economic crisis in Europe is not over, and the radically opposing strategies on how to proceed has only increased the complexity of problems in the region, revealing the shortcomings of the EU’s architecture. The European Union, perhaps for the first time in its history of more than seventy years, is being perceived as a threat to the financial and monetary stability of the world. A Global Perspective on the European Economic Crisis explores the connection between internal EU actions and institutions and the external factors that influence the ongoing response to the European crisis. With a unique collection of international and interdisciplinary essays, this book considers the complex macroeconomic and challenging political landscape of Europe, looking at how and why the European Union is untenable in its current state. The chapters outline what should be done to make the common currency area more resilient, and explain why external events are particularly problematic for the EU, ultimately offering suggestions for what Europeans should do in order to avoid harmful internal consequences. This volume confronts the causes of the crisis’ persistence, its economic and political consequences, and the impact of more recent events and policy decisions. It will be of interest to researchers and policy-makers keen to understand the EU relations and the influence of international organizations in the European economic crisis.

Hadoop: Data Processing and Modelling Garry Turkington 2016-08-31 Unlock the power of your data with Hadoop 2.X ecosystem and its data warehousing techniques across large data sets About This Book Conquer the mountain of data using Hadoop 2.X tools The authors succeed in creating a context for Hadoop and its ecosystem Hands-on examples and recipes giving the bigger picture and helping you to master Hadoop 2.X data processing platforms Overcome the challenging data processing problems using this exhaustive course with Hadoop 2.X Who This Book Is For This course is for Java developers, who know scripting, wanting a career shift to Hadoop - Big Data segment of the IT industry. So if you are a novice in Hadoop or an expert, this book will make you reach the most advanced level in Hadoop 2.X. What You Will Learn Best practices for setup and configuration of Hadoop clusters, tailoring the system to the problem at hand Integration with relational databases, using Hive for SQL queries and Sqoop for data transfer Installing and maintaining Hadoop 2.X cluster and its ecosystem Advanced Data Analysis using the Hive, Pig, and Map Reduce programs Machine learning principles with libraries such as Mahout and Batch and Stream data processing using Apache Spark Understand the changes involved in the process in the move from Hadoop 1.0 to Hadoop 2.0 Dive into YARN and Storm and use YARN to integrate Storm with Hadoop Deploy Hadoop on Amazon Elastic MapReduce and Discover HDFS replacements and learn about HDFS Federation In Detail As Marc Andreessen has said “Data is eating the world,” which can be witnessed today being the age of Big Data, businesses are producing data in huge volumes every day and this rise in tide of data need to be organized and analyzed in a more secured way. With proper and effective use of Hadoop, you can build new-improved models, and based on that you will be able to make the right decisions. The first module, Hadoop beginners Guide will walk you through on understanding Hadoop with very detailed instructions and how to go about using it. Commands are explained using sections called “What just happened” for more clarity and understanding. The second module, Hadoop Real World Solutions Cookbook, 2nd edition, is an essential tutorial to effectively implement a big data warehouse in your business, where you get detailed practices on the latest technologies such as YARN and Spark. Big data has become a key basis of competition and the new waves of productivity growth. Hence, once you get familiar with the basics and implement the end-to-end big data use cases, you will start exploring the third module, Mastering Hadoop. So, now the question is if you need to broaden your Hadoop skill set to the next level after you nail the basics and the advance concepts, then this course is indispensable. When you finish this course, you will be able to tackle the real-world scenarios and become a big data expert using the tools and the knowledge based on the various step-by-step tutorials and recipes. Style and approach This course has covered everything right from the basic concepts of Hadoop till you master the advance mechanisms to become a big data expert. The goal here is to help you learn the basic essentials using the step-by-step tutorials and from there moving toward the recipes with various real-world solutions for you. It covers all the important aspects of Hadoop from system designing and configuring Hadoop, machine learning principles with various libraries with chapters illustrated with code fragments and schematic diagrams. This is a compendious course to explore Hadoop from the basics to the most advanced techniques available in Hadoop 2.X.

Focus On: 100 Most Popular Unreal Engine Games Wikipedia contributors

Annual Update: Top Governmental and Not-for-Profit Accounting and Auditing Issues Facing CPAs Lynda Dennis 2020-07-21 This book provides a review of the top accounting and auditing issues faced by preparers of governmental and not-for-profit financial statements and their auditors. Key areas covered include: GASB 87, Leases; revenue recognition, including grants and contracts; risk assessment; and financial reporting. Key topics include: · Current GASB developments · Audit issues related to GASB developments · Recent GASB pronouncements and their impact on accounting and reporting · Top advice from the AICPA’s Technical Hotline and the GASB Technical Inquiry System

Python for Finance Yves Hilpisch 2014-12-11 The financial industry has adopted Python at a tremendous rate recently, with some of the largest investment banks and hedge funds using it to build core trading and risk management systems. This hands-on guide helps both developers and quantitative analysts get started with Python, and guides you through the most important aspects of using Python for quantitative finance. Using practical examples through the book, author Yves Hilpisch also shows you how to develop a full-fledged framework for Monte Carlo simulation-based derivatives and risk analytics, based on a large, realistic case study. Much of the book uses interactive IPython Notebooks, with topics that include: Fundamentals: Python data structures, NumPy array handling, time series analysis with pandas, visualization with matplotlib, high performance I/O operations with PyTables, date/time information handling, and selected best practices Financial topics: mathematical techniques with NumPy, SciPy and SymPy such as regression and optimization; stochastic for Monte Carlo simulation, Value-at-Risk, and Credit-Value-at-Risk calculations; statistics for normality tests, mean-variance portfolio optimization, principal component analysis (PCA), and Bayesian regression Special topics: performance Python for financial algorithms, such as vectorization and parallelization, integrating Python with Excel, and building financial applications based on Web technologies

MySQL Cookbook Paul DuBois 2014-07-28 MySQL’s popularity has brought a flood of questions about how to solve specific problems, and that’s where this cookbook is essential. When you need quick solutions or techniques, this handy resource provides scores of short, focused pieces of code, hundreds of worked-out examples, and clear, concise explanations for programmers who don’t have the time (or expertise) to solve MySQL problems from scratch. Ideal for beginners and professional database and web developers, this updated third edition covers powerful features in MySQL 5.6 (and some in 5.7). The book focuses on programming APIs in Python, PHP, Java, Perl, and Ruby. With more than 200+ recipes, you’ll learn how to: Use the mysql client and write MySQL-based programs Create, populate, and select data from tables Store, retrieve, and manipulate strings Work with dates and times Sort query results and generate summaries Use stored routines, triggers, and scheduled events Import, export, validate, and reformat data Perform transactions and work with statistics Process web input, and generate web content from query results Use MySQL-based web session management Provide security and server administration

Election 2014 Ed Kilgore 2015-02-05 The Republican party overwhelmingly carried the midterm elections of 2014, winning nearly every contested congressional and gubernatorial seat and taking the Senate after eight years of Democratic control. Many have characterized this sweep as a sign of a fundamental political shift toward the GOP. But acclaimed political commentator Ed Kilgore argues that the results of the midterm elections were a predictable outcome that was less an ideological watershed than the culmination of several long-term cyclical and historical trends. Election 2014 strips down conflicting and biased political narratives to present an accessible account of how and why Republicans triumphed so decisively. Kilgore crunches electoral data and evaluates such structural factors as the economy, presidential approval ratings, and voter turnout patterns. Ultimately, this bracing analysis sheds light on the election’s implications for the future direction of American politics.

Management Accounting and Asian Perspectives Carsten Berkau 2021-10-18 The book starts with a comparison of financial accounting and management accounting - both discussed based on the production firm PENOR Ltd. It further demonstrates accounting work in support of general management (CVP-analysis, DOL, performance measurement, risk management and M&A) as well as cost accounting (structures for absorption and marginal cost accounting systems, internal cost allocations, reporting, monitoring, manufacturing accounting/calculation, contribution margin accounting and activity based costing). The content is explained by detailed case studies. This Asia edition also includes real case studies about companies in Malaysia. All chapters outline the learning objectives, provide an overview, include case studies and how-it-is-done-paragraphs. They end with a summary, the explanation of new technical terms and a question bank with solutions for checking your learning progress. On the internet, you can find more than 300 exam tasks with solutions as well as youtube-videos from the authors.

Revenue Recognition Renee Rampulla 2020-08-27 For years, revenue recognition has been the cause of audit failures and the focus of corporate abuse and fraud allegations. Today, there is FASB ASC 606, a new standard which is critical to understand before it can be successfully implemented. Supported by practical examples, industry specific real-life scenarios, and more than a dozen exercises, this work will assist you in avoiding revenue recognition traps and provide you with the latest FASB guidance. You will gain an in-depth understanding of the revenue recognition framework that is built around the core principles of this new five-step process. In addition, you will gain a better understanding of the changes in disclosure requirements. Key topics covered include: Background, purpose, and main provisions of new standard (FASB ASC 606) Transition guidance Five-step process for recognizing revenue Disclosure requirements Implementation guidance — contracts, tax matters, internal controls, IT

Handbook of Digital Forensics of Multimedia Data and Devices Anthony T. S. Ho 2015-07-24 Digital forensics and multimedia forensics are rapidly growing disciplines whereby electronic information is extracted and interpreted for use in a court of law. These two fields are finding increasing importance in law enforcement and the investigation of cybercrime as the ubiquity of personal computing and the internet becomes ever-more apparent. Digital forensics involves investigating computer systems and digital artefacts in general, while multimedia forensics is a sub-topic of digital forensics focusing on evidence extracted from both normal computer systems and special multimedia devices, such as digital cameras. This book focuses on the interface between digital forensics and multimedia forensics, bringing two closely related fields of forensic expertise together to identify and understand the current state-of-the-art in digital forensic investigation. Both fields are expertly attended to by contributions from researchers and forensic practitioners specializing in diverse topics such as forensic authentication, forensic triage, forensic photogrammetry, biometric forensics, multimedia device identification, and image forgery detection among many others. Key features: Brings digital and multimedia forensics together with contributions from academia, law enforcement, and the digital forensics industry for extensive coverage of all the major aspects of digital forensics of multimedia data and devices Provides comprehensive and authoritative coverage of digital forensics of multimedia data and devices Offers not only explanations of techniques but also real-world and simulated

case studies to illustrate how digital and multimedia forensics techniques work Includes a companion website hosting continually updated supplementary materials ranging from extended and updated coverage of standards to best practice guides, test datasets and more case studies

Genetics of Acquired Antimicrobial Resistance in Animal and Zoonotic Pathogens Axel Cloeckaert 2018-01-26 Development and spread of antimicrobial resistance is the result of an evolutionary process by which microorganisms adapt to antibiotics through several mechanisms including alteration of drug target by mutation and horizontal transfer of resistance genes. The concomitant occurrence of independent antimicrobial resistance mechanisms is a serious threat to human health and has appeared in several emerging epidemic clones over the past decade in humans and also in animals. The increasing prevalence of antimicrobial drug resistance among animal and zoonotic foodborne pathogens is of particular concern for public health. In this Ebook, we gathered a collection of articles which deal with the most important aspects of the genetics of acquired antimicrobial resistance extending from medically-important resistance, emerging epidemic resistant clones, main mobile genetic elements spreading resistance, resistomes, dissemination between animals and humans, to the “One Health” concept.

Python Data Science Essentials Alberto Boschetti 2015-04-30 If you are an aspiring data scientist and you have at least a working knowledge of data analysis and Python, this book will get you started in data science. Data analysts with experience of R or MATLAB will also find the book to be a comprehensive reference to enhance their data manipulation and machine learning skills.

Frontiers in Seafloor Geodesy Ryota Hino 2021-11-01

Uplifting Gender and Sexuality Education Research Tiffany Jones 2019-08-05 This book showcases and celebrates the work of Gender and Sexuality Education scholars in order to challenge current negative interpretations of the field, and work towards new shared visions. The editors and contributors call for, affirm and offer examples of pathways towards exciting and dynamic collaborative work in Gender and Sexuality in Education. In doing so, they also acknowledge the various complexities of this field, and detail the context-specific barriers faced by academics and activists. Drawing upon a range of global case studies, this book sets out information and advice from cross-sector experts to set an agenda of mutual supportiveness, and to smooth pathways for future collaboration. Above all, this book is a call to action to uplift the field - and each other - in challenging environments. This ground-breaking book will be of interest and value to scholars of Gender and Sexuality Education research.

Protecting Mobile Networks and Devices Weizhi Meng 2016-11-25 This book gathers and analyzes the latest attacks, solutions, and trends in mobile networks. Its broad scope covers attacks and solutions related to mobile networks, mobile phone security, and wireless security. It examines the previous and emerging attacks and solutions in the mobile networking worlds, as well as other pertinent security issues. The many attack samples present the severity of this problem, while the delivered methodologies and countermeasures show how to build a truly secure mobile computing environment.

Mastering Apache Camel Jean-Baptiste Onofré 2015-06-30 This book will provide you with the skills you need to efficiently create routes using Apache Camel. After briefly introducing the key features and core concepts of Camel, the book will take you through all the important features and components, starting with routing and processors. You will learn how to use beans in Camel routes, covering everything from supported registries and annotations, to the creation of an OSGi bundle and writing route definitions with Blueprint DSL. Leverage the Enterprise Integration Patterns (EIPs) supported by Camel and implement them in your routes. You will then see how components and endpoints handle exchanges in Camel, and how you can use them to create a complete and powerful mediation framework. You will finally learn how to tackle errors and perform testing to ensure that your integration projects are working successfully.

Employee Benefit Plans 2018 AICPA 2018-05-22 Considered the industry standard resource, this guide provides practical guidance, essential information and hands-on advice on the many aspects of accounting and authoritative auditing for employee benefit plans. This new edition has been updated to include additional information related to the issuance of the going concern standard, revisions to provide further guidance related to limited-scope audits, a new illustrative auditor’s report for 11-K audits, and has been revised for the recodification of the attestation standards. Updates include: Q&A section 2220.27, “Determining When the Practical Expedient is Not Used or Not Available” Q&A section 2220.28, “Definition of Readily Determinable Fair Value and Its Interaction with the NAV Practical Expedient” SAS No. 132, The Auditor’s Consideration of an Entity’s Ability to Continue as a Going Concern PCAOB Release No. 2015-008, “Improving the Transparency of Audits” AS 3101, The Auditor’s Report on an Audit of Financial Statements When the Auditor Expresses an Unqualified Opinion SSAE No. 18, Attestation Standards: Clarification and Recodification *The Kurdish Spring* David L. Phillips 2017-07-05 Kurds are the largest stateless people in the world. An estimated thirty-two million Kurds live in “Kurdistan,” which includes parts of Turkey, Iraq, Syria, and Iran?today’s “hot spots” in the Middle East. The Kurdish Spring explores the subjugation of Kurds by Arab, Ottoman, and Persian powers for almost a century, and explains why Kurds are now evolving from a victimized people to a coherent political community.David L. Phillips describes Kurdish rebellions and arbitrary divisions in the last century, chronicling the nadir of Kurdish experience in the 1980s. He discusses draconian measures implemented by Iraq, including use of chemical weapons, Turkey’s restrictions on political and cultural rights, denial of citizenship and punishment for expressing Kurdish identity in Syria, and repressive rule in Iran.Phillips forecasts the collapse and fragmentation of Iraq. He argues that US strategic and security interests are advanced through cooperation with Kurds, as a bulwark against ISIS and Islamic extremism. This work will encourage the public to look critically at the post-colonial period, recognizing the injustice and impracticality of states that were created by Great Powers, and offering a new perspective on sovereignty and statehood.

The Effects of Accounting Standards Update 2014-09 Isaac Thomas Church 2016

Mastering Apache Cassandra - Second Edition Nishant Neeraj 2015-03-26 The book is aimed at intermediate developers with an understanding of core database concepts who want to become a master at implementing Cassandra for their application.

Java Programming 24-Hour Trainer Yakov Fain 2015-03-30 As one of the most popular software languages for building Web applications, Java is often the first programming language developers learn.Completely revised and packed with updates for new versions of Java, the Java Programming 24-Hour Trainer, Second Edition self-paced book + video package provides everything beginners need to get started programming Java with no prior programming experience needed. As with the first edition, Java Programming 24-Hour Trainer features easy-to-follow lessons, reinforced by step-by-step instructions, screencasts, and supplemental exercises, all of which allow readers of all learning styles to master Java programming quickly and painlessly. The more than 10 hours of popular Java programming screencasts from the first edition are completely updated and revised to be more watchable than ever. This edition includes updates for Java SE 8 and Java EE 7 but continues to be useful whatever recent version of Java you choose to learn with. Lessons include: Object-Oriented Programming with Java Class Methods and Constructors Java Syntax: Bits and Pieces Packages, Interfaces, and Encapsulation Programming with Abstract Classes and Interfaces Error handling GUI Basics with Swing Event Handling in Swing GUI Basics with JavaFX - NEW! Developing a game with JavaFX - NEW! Collections Generics Lambda Expressions - NEW! Working with Streams Java Serialization Network Programming Basics Streaming API - NEW! Introduction to Multi-Threading More on Concurrency Working with Databases Using JDBC Rendering Table Data to GUI Annotations and Reflection Remote Method Invocation Java EE 7 Overview - NEW! Programming with Servlets JavaServer Pages Web Applications with WebSockets - NEW! Java Messaging Service Java Naming and Directory Interface Enterprise JavaBeans Java Persistence API RESTful Web Services With JAX-RS Introduction to Spring MVC Framework Introduction to Spring Security - NEW! Build Automation with Gradle - NEW! Java Technical Interviews strong style="color: **Common U.S. GAAP Issues Facing CPAs** Renee Rampulla 2018-03-26 Are you looking for a review and update of common GAAP issues important to all CPAs? This broad-ranging book covers FASB accounting and reporting developments that apply to all companies. Emphasizing financial statement disclosures in addition to accounting methods, it presents implementation guidelines and disclosure illustrations from actual financial statements. This book will prepare you to: Identify and apply select FASB accounting and reporting guidance. Recall concepts related to FASB projects. Recall key points related to disclosures.

Chinese Maritime Cases Martin Davies 2021-11-24 This book selects leading, innovative and influential Chinese maritime judgments and presents full translation of them, with brief summary, to the readers so that they can have insights of how the Chinese maritime judges interpret, apply and develop Chinese maritime law in practice. China trades with other states in trillions of USD every year, and about 95% of the cargoes are carried by ocean-going ships calling at hundreds of Chinese ports each single day. Due to the enormous and steadily growing trade volume and shipping activities, foreign ships, companies and persons are often caught by the Chinese maritime law and court. The parties involved and their lawyers are more than ever enthusiastic to study Chinese maritime cases in order to deal with their own cases properly or, if possible, predict the potential problems and avoid the disputes outright. The book is appealing to and benefits worldwide law students, academics, practitioners and industrial people in the shipping, trade, insurance and financial fields. The book remedies to certain extent the situation that there is lack of authoritative sources available to foreign personnel to look into how Chinese justice system functions.

AQUIFER STORAGE AND RECOVERY IN MILLVILLE, CACHE COUNTY, UTAH Paul Inkenbrandt 2016-08-15 This study is an investigation of the feasibility of an aquifer storage and recovery project using the existing water supply infrastructure of the city of Millville, Utah. The project involved injecting water from a public water supply spring into a public water supply well. Geochemical analysis indicates that the major ion chemistry of the spring water is very similar to that of the principal aquifer, however, the spring water would likely cause minor geochemical changes in the groundwater due to oxidation. The study also showed that the injection well had elevated nitrate concentration which is likely due to septic systems in the area. Overall, the pilot tests showed that injection of water for storage would not be detrimental to the principal aquifer, which has significant storage abilities beyond the capacity of Millville’s water system; however elevated nitrate in the aquifer is a problem that should be addressed.

Mastering Hadoop Sandeep Karanth 2014-12-29 Do you want to broaden your Hadoop skill set and take your knowledge to the next level? Do you wish to enhance your knowledge of Hadoop to solve challenging data processing problems? Are your Hadoop jobs, Pig scripts, or Hive queries not working as fast as you intend? Are you looking to understand the benefits of upgrading Hadoop? If the answer is yes to any of these, this book is for you. It assumes novice-level familiarity with Hadoop.

Report of the Secretary of the Senate United States. Congress. Senate. Office of the Secretary 2014

Platform Coring on Digital Software Platforms Benedict Bender 2021-10-18 Digital software platforms such as iOS or Android evolve quickly. Through regular updates, their set of built-in (core) features increases. While innovation allows strengthening platforms amidst competition, it can hurt contributors when introducing core features that are already provided by third-party developers (Platform Coring). This book addresses the underexplored phenomenon of Platform Coring and provides strategic guidance for platform owners and third-party contributors. Platform owners are well-adviced to carefully consider the benefits and risks for their platform ecosystem. The book contributes by highlighting avenues to employ Platform Coring for the competitive advantage of the platform and ecosystem simultaneously.

Spark in Action Marko Bonaci 2016-11-03 Summary Spark in Action teaches you the theory and skills you need to effectively handle batch and streaming data using Spark. Fully updated for Spark 2.0, Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About The Technology Big data systems distribute datasets across clusters of machines, making it a challenge to efficiently query, stream, and interpret them. Spark can help. It is a processing system designed specifically for distributed data. It provides easy-to-use interfaces, along with the performance you need for production-quality analytics and machine learning. Spark 2 also adds improved programming APIs, better performance, and countless other upgrades. About the Book Spark in Action teaches you the theory and skills you need to effectively handle batch and streaming data using Spark. You’ll get comfortable with the Spark CLI as you work through a few introductory examples. Then, you’ll start programming Spark using its core APIs. Along the way, you’ll work with structured data using Spark SQL, process near-real-time streaming data, apply machine learning algorithms, and munge graph data using Spark GraphX. For a zero-effort startup, you can download the preconfigured virtual machine ready for you to try the book’s code. What’s Inside Updated for Spark 2.0 Real-life case studies Spark DevOps with Docker Examples in Scala, and online in Java and Python About the Reader Written for experienced programmers with some background in big data or machine learning. About the Authors Petar Zecëvic and Marko Bonaci are seasoned developers heavily involved in the Spark community. Table of Contents PART 1 - FIRST STEPS Introduction to Apache Spark Spark fundamentals Writing Spark applications The Spark API in depth PART 2 - MEET THE SPARK FAMILY Sparkling queries with Spark SQL Ingesting data with Spark Streaming Getting smart with MLlib ML: classification and clustering Connecting the dots with GraphX PART 3 - SPARK OPS Running Spark Running on a Spark standalone cluster Running on YARN and Mesos PART 4 - BRINGING IT TOGETHER Case study: real-time dashboard Deep learning on Spark with H2O

100 Year Patra (Panchang) Swami Ram Charran 2008-10 AN UNFOLDING OF YOUR LIFE ACCORDING TO THE PLANETARY SYSTEM IN VEDIC ASTROLOGY THAT LOOKS AT YOUR LIFE FOR 100 YEARS OR LESS. THIS BOOK WILL TEACH YOU FROM BASIC LESSONS ON LIFE TO THE KNOWLEDGE OF ACHIEVING A GIFT OF SEEING THE FUTURE THRU THE EYES OF THE ANCIENT RISHIS AND SAGES WHO WROTE SUCH GREAT BOOKS AS THE BIBLE, THE TORAH, THE KABALA, THE RAMAYAN AND THE BHAGAWAT GEETA. The knowledge contained in this book will give you the ability to make you and your family safe from all the great obstacles of life such as poverty, separation, death and destruction. The knowledge presented in this book is so accurate you can even predict your date of death and sickness so that you can take steps to change them before they happen!].

Financial Services and General Government Appropriations for 2014 United States. Congress. House. Committee on Appropriations. Subcommittee on Financial Services and General Government 2013

Big Data and Machine Learning in Quantitative Investment Tony Guida 2018-12-12 Get to know the ‘why’ and ‘how’ of machine learning and big data in quantitative investment Big Data and Machine Learning in Quantitative Investment is not just about demonstrating the maths or the coding. Instead, it’s a book by practitioners for practitioners, covering the questions of why and how of applying machine learning and big data to quantitative finance. The book is split into 13 chapters, each of which is written by a different author on a specific case. The chapters are ordered according to the level of complexity; beginning with the big picture and taxonomy, moving onto practical applications of machine learning and finally finishing with innovative approaches using deep learning. • Gain a solid reason to use machine learning • Frame your question using financial markets laws • Know your data • Understand how machine learning is becoming ever more sophisticated Machine learning and big data are not a magical solution, but appropriately applied, they are extremely effective tools for quantitative investment — and this book shows you how.

IBM Software Defined Environment Dino Quintero 2015-08-14 This IBM® Redbooks® publication introduces the IBM Software Defined Environment (SDE) solution, which helps to optimize the entire computing infrastructure—compute, storage, and network resources—so that it can adapt to the type of work required. In today’s environment, resources are assigned manually to workloads, but that happens automatically in a SDE. In an SDE, workloads are dynamically assigned to IT resources based on application characteristics, best-available resources, and service level policies so that they deliver continuous, dynamic optimization and reconfiguration to address infrastructure issues. Underlying all of this are policy-based compliance checks and updates in a centrally managed environment. Readers get a broad introduction to the new architecture. Think integration, automation, and optimization. Those are enablers of cloud delivery and analytics. SDE can accelerate business success by matching workloads and resources so that you have a responsive, adaptive environment. With the IBM Software Defined Environment, infrastructure is fully programmable to rapidly deploy workloads on optimal resources and to instantly respond to changing business demands. This information is intended for IBM sales representatives, IBM software architects, IBM Systems Technology Group brand specialists, distributors, resellers, and anyone who is developing or implementing SDE.

Wiley GAAP 2019 Joanne M. Flood 2019-03-12 The most comprehensive guide to FASB Codifications, updated with the latest pronouncements Wiley GAAP 2019 is the essential resource for US GAAP implementation. Covering all codifications by the Financial Accounting Standards Board (FASB)—including the latest updates—this book provides clear explanations and practical examples for real-world application of these dynamic guidelines. Each chapter includes relevant sources of GAAP and expert guidance on interpretation, terminology, relevant concepts, and applicable rules, while in-depth discussion on the issues surrounding specific pronouncements offers informative perspective for a variety of scenarios. This user-friendly reference covers every pronouncement currently in effect or being deliberated—including FASB Technical Bulletins, FASB Implementation Guides, AcSEC Practice Bulletins, and AICPA Accounting Interpretations—in a single volume, fully referenced to the FASB Current Text and cross-referenced to the new FASB codification system.

Clear and concise without sacrificing depth or rigor, this invaluable resource simplifies research and helps CPAs and other accounting professionals ensure accuracy and compliance. Examine the latest changes to US GAAP standards and practices Gain expert perspectives on the issues surrounding specific pronouncements Learn how the standards translate to common real-world scenarios Clarify implementation through numerous illustrations and real-world examples Staying up-to-date with constantly-evolving guidelines is a challenge, but the requirement for accurate interpretation and appropriate application adds an additional layer of complexity in an area where noncompliance could expose an organization to significant risk. Wiley GAAP 2019 provides the guidance, insight, and perspective accounting professionals need to ensure accurate and up-to-date GAAP implementation.

Checklists and Illustrative Financial Statements 2017 AICPA 2017-07-24 This edition covers plan types, such as 401(k) plans, 403(b) plans, and 11Ks. It contains the most comprehensive U.S. GAAP disclosure guidance available, and identifies the reporting requirements that you need to know and apply to

meet the applicable standards. FinREC recommendations on many accounting topics are included throughout. Key changes include the new accounting standards updates related to investments at net asset value per share, as well as the effect of the simplification project. In addition, this edition includes useful tools such as illustrative financial statements and auditor's reports. Updates include: FASB ASU No. 2015-07, Disclosures for Investments in Certain Entities that Calculate Net Asset Value Per Share (or its Equivalent) FASB ASU No. 2015-12, Defined Benefit Pension Plans (Topic 960), Defined Contribution Pension Plans (Topic 962), Health and Welfare Benefit Plans (Topic 965); (Part I) Fully Benefit-Responsive Investment Contracts, (Part II) Plan Investment Disclosures, (Part III) Measurement Date Practical Expedient

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