2014/07

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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
Learning pandas Michael Heydt 2015-04-16 If you are a Python programmer who wants to get started with performing data analysis using pandas and Python, this is the book for you. Some experience with statistical analysis would be helpful but is not mandatory.
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.
AICPA Professional Standards American Institute of Certified Public Accountants 1977
Focus On: 100 Most Popular 2010s Fantasy Films Wikipedia contributors
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.
The War Report Annyssa Bellal 2015-12-10 This

War Report provides detailed information on every armed conflict which took place during 2014, offering an unprecedented overview of the nature, range, and impact of these conflicts and the legal issues they created. In Part I the Report describes its criteria for the identification and classification of armed conflicts under international law, and the legal consequences that flow from this classification. It sets out a list of armed conflicts in 2014, categorising each as international, non-international, or a military occupation, with estimates of civilian and military casualties. In Part II, each of these conflicts are examined in more detail, with an overview of the belligerents, means and methods of warfare, the applicable treaties and rules, and any prosecutions for, investigations into, or robust allegations of war crimes. Part III of the Report provides detailed thematic analysis of key legal developments which arose in the context of these conflicts, allowing for a more in-depth reflection on cross-cutting questions and controversies. The Report gives a full and accessible overview of armed conflicts in 2014. It should be the first port of call for everyone working in the field.

Python for Data Analysis Wes McKinney 2012-10-08 Serves as an introduction to Python for data-intensive applications.

Digital Forensics and Forensic Investigations: Breakthroughs in Research and Practice Management Association, Information Resources 2020-04-03 As computer and internet technologies continue to advance at a fast pace, the rate of cybercrimes is increasing. Crimes employing mobile devices, data embedding/mining systems, computers, network communications, or any malware impose a huge threat to data security, while cyberbullying, cyberstalking, child pornography, and trafficking crimes are made easier through the anonymity of the internet. New developments in digital forensics tools and an understanding of current criminal activities can greatly assist in minimizing attacks on individuals, organizations, and society as a whole. Digital Forensics and Forensic Investigations: Breakthroughs in Research and Practice addresses current challenges and issues emerging in cyber forensics and new investigative tools and methods that can be adopted and implemented to address these

issues and counter security breaches within various organizations. It also examines a variety of topics such as advanced techniques for forensic developments in computer and communication-link environments and legal perspectives including procedures for cyber investigations, standards, and policies. Highlighting a range of topics such as cybercrime, threat detection, and forensic science, this publication is an ideal reference source for security analysts, law enforcement, lawmakers, government officials, IT professionals, researchers, practitioners, academicians, and students currently investigating the up-and-coming aspects surrounding network security, computer science, and security engineering.

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.

Focus On: 100 Most Popular American 3D Films Wikipedia contributors

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; stochastics 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

Will America Fail? Ryan A. Houck 2014-09-29 Will America fail? That question has surged to the forefront of our nation's escalating culture war. The fear of "American decline" has emerged as the recurring hot topic on primetime cable news programs and daytime talk radio shows. Public opinion polls routinely report that once-devoutly hopeful Americans are now more pessimistic than optimistic about our country's future. Gradually, the fear of American decline has begun to reshape our political DNA. While authors on both ends of the political spectrum have addressed the question of American decline with honesty and depth, even the most thorough and engaging of these works tend to be too academic, too impersonal or too narrowly focused on a single Presidency. Their Baby Boom or Gen-X authors, while often credentialed, hail from conventional political backgrounds with predictable cultural outlooks, rooted in the experiences of Watergate, Vietnam or the Reagan Revolution. Written by Ryan Houck, the narrator, producer and writer of If I Wanted America to Fail—a groundbreaking viral video that quickly earned millions of hits on YouTube—Will America Fail? is a genuinely understandable and relatable book on America's long-term political future from a fresh, persuasive young source. In the space of only a few days, millions of Americans watched If I Wanted America to Fail. The overnight YouTube sensation roared into the political limelight, gaining national media attention by depicting a bleak, seemingly pessimistic vision of America's decline. Conservative commentators hailed the video as "brilliant" while Fox News's Eric Bolling declared it a new "conservative manifesto." Will America Fail? addresses the gnawing questions that have begun to erode our national confidence, such as: Is America, like Rome before it, destined to crumble and collapse? Have the values of our Founding Fathers become antiquated and unnecessary in the Information Age? Will the 21st Century belong to China or the United States? Is the next generation of Americans prepared to lead? The video, If I Wanted America to Fail, was a dire depiction of our nation's challenges. However, surprisingly, Will America Fail? makes the case that many of those challenges can and will be overcome within our lifetime. The author's take on America is decidedly, and surprisingly, optimistic. Will America Fail? is both a "message of hope" from Millennials to Baby Boomers as well as an optimistic, frank and original take on the future of conservatism in the 21st Century. Written in a deeply personal style and filling the vacuum of optimistic conservative literature, Will America Fail? makes the bold prediction that America stands at the threshold of renewal—and that many members of the Millennial Generation will not only live to see it, they will inaugurate it. Unlike most political commentary on bookshelves today, Houck's message is born of the Information Age. Readers in their twenties and thirties will instantly discover modern ways to connect with the timeless truths of our American Experiment, while older readers will find both a new sense of optimism for our nation's long-term future as well as a new conservative language that will appeal to their Millennial children. For all generations, Houck's take is powerfully original—striking the same provocative chord that made If I wanted America to Fail an unqualified success.

Cambridge IGCSE (TM) Chemistry Student's Book Chris Sunley 2021-03-18

2014-07-11 Energy Conservation Program for Consumer Products and Certain Commercial and Industrial Equipment (Us Energy Efficiency and Renewable Energy Office Regulation) (Eere) (2018 Edition) The Law The Law Library 2018-07-16 2014-07-11 Energy Conservation Program for Consumer Products and Certain Commercial and Industrial Equipment (US Energy Efficiency and Renewable Energy Office Regulation) (EERE) (2018 Edition) The Law Library presents the complete text of the 2014-07-11 Energy Conservation Program for Consumer Products and Certain Commercial and Industrial Equipment (US Energy Efficiency and Renewable Energy Office Regulation) (EERE) (2018 Edition). Updated as of May 29, 2018 On November 4, 2013, the U.S. Department of Energy (DOE) issued a notice of proposed rulemaking (NOPR) to amend its test procedures established under the Energy Policy and Conservation Act for residential water heaters and certain commercial water heaters, which serves as the basis for today's action. This rulemaking fulfills DOE's statutory obligation for residential and certain commercial water heaters to review its test procedure for covered products and equipment at least once every seven years. In addition, this rulemaking satisfies DOE's statutory obligation to develop a uniform efficiency descriptor for residential and commercial water heaters. The test method applies the same efficiency descriptor to all residential and certain commercial water heaters, and extends coverage to eliminate certain gaps in the current residential test procedure, updates the simulated-use-test draw pattern, and updates the outlet water temperature requirement. This book contains: - The complete text of the 2014-07-11 Energy Conservation Program for Consumer Products and Certain Commercial and Industrial Equipment (US Energy Efficiency and Renewable Energy Office Regulation) (EERE) (2018 Edition) - A table of contents with the page number of each section

The Two-State Delusion Padraig O'Malley 2015-07-28 Padraig O'Malley is the subject of the new acclaimed documentary The Peacemaker "A thoughtful autopsy of the failed two-state paradigm . . . Evenhanded, diplomatic, mutually respectful, and enormously useful." —Kirkus, starred review Disputes over settlements, the right of return, the rise of Hamas, recognition of Israel as a Jewish state, and other intractable issues have repeatedly derailed peace negotiations between Israel and Palestine. Now, in a book that is sure to spark controversy, renowned peacemaker Padraig O'Malley argues that the moment for a two-state solution has passed. After examining each issue and speaking with Palestinians and Israelis as well as negotiators directly involved in past summits, O'Malley concludes that even if such an agreement could be reached, it would be nearly impossible to implement given the staggering costs, Palestine's political disunity and the viability of its economy, rapidly changing demographics, Israel's continuing political shift to the right, global warming's effect on the water supply, and more. In this revelatory, hard-hitting book, O'Malley approaches the key issues pragmatically, without ideological bias, to show that we must find new frameworks for reconciliation if there is to be lasting peace between Palestine and Israel.

The Art of Record Production Simon Zagorski-Thomas 2019-07-01 The playback of recordings is the primary means of experiencing music in contemporary society, and in recent years 'classical' musicologists and popular music theorists have begun to examine the ways in which the production of recordings affects not just the sound of the final product but also musical aesthetics more generally. Record production can, indeed, be treated as part of the creative process of composition. At the same time, training in the use of these forms of technology has moved from an apprentice-based system into university education. Musical education and music research are thus intersecting to produce a new academic field: the history and analysis of the production of recorded music. This book is designed as a general introductory reader, a text book for undergraduate degree courses studying the creative processes involved in the production of recorded music. The aim is to introduce students to the variety of approaches and methodologies that are currently being employed by scholars in this field. The book is divided into three sections covering historical approaches, theoretical approaches and case studies and practice. There are also three interludes of commentary on the

academic contributions from leading record producers and other industry professionals. This collection gives students and scholars a broad overview of the way in which academics from the analytical and practice-based areas of the university system can be brought together with industry professionals to explore the ways in which this new academic field should progress.

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]].

The Bear Guarding the Beehive Stephanie C. Fox 2014-09-16 The bees are in terrible trouble. They need a good lawyer – one who is on their side. Once upon a time, there was a beautiful country called Oblivion. It had everything growing in it to make its people happy and healthy: raspberries, almonds, peaches, apricots, blueberries, cranberries, lavender, thyme, irises, roses, tulips, daffodils...the list seemed endless. But it did end, because some of the Thieves of Oblivion wanted to sell all of these wonderful things, and to force Nature to produce more and more and more of them. These Thieves, running a corporation called BearGenics, had a conflict of interest with Nature. They tampered with the genetics of crop plants. They never gave a thought to the fact that without honey bees, none of these plants would grow. The Thieves poisoned the plants, and in so doing, poisoned the honey bees. That's what happens when you leave the bear guarding the beehive. This story is a companion to The Book of Thieves, which describes the Banksters of Oblivion, and how they destroyed the financial security of that country.

Sweden International Monetary Fund. European Dept. 2014-08-29 Sweden's economy has re-gained speed, following supportive macroeconomic policies and strong household demand. Employment has been rising, but the labor force expanded even more, resulting in higher unemployment mostly among vulnerable groups. Inflation remains very low, driven by external and domestic factors. At the same time, financial stability risks are an increasing concern, reflecting high and rising household debt, accelerating house prices, and Sweden's very large banking system.

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.

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.

Children of the Stone Sandy Tolan 2015-04-07 It is an unlikely story. Ramzi Hussein Aburedwan, a child from a Palestinian refugee camp, confronts an occupying army, gets an education, masters an instrument, dreams of something much bigger than himself, and then, through his charisma and persistence, inspires others to work with him to make that dream real. The dream: a school to transform the lives of thousands of children--as Ramzi's life was transformed--through music. Musicians from all over the world came to help. A violist left the London Symphony Orchestra, in part to work with Ramzi at his new school. Daniel Barenboim, the eminent Israeli conductor, invited Ramzi to join his West Eastern Divan Orchestra, which he founded with the late Palestinian intellectual, Edward Said. Since then the two have played together frequently. Children of the Stone chronicles Ramzi's journey--from stone thrower to music student to school founder--and shows how through his love of music he created something lasting and beautiful in a land torn by violence and war. This is a story about the power of music, but also about freedom and conflict, determination and vision. It's a vivid portrait of life amid checkpoints and military occupation, a growing movement of nonviolent resistance, the prospects of musical collaboration across the Israeli-Palestinian divide, and the potential of music to help children everywhere see new possibilities for their lives.

Focus On: 100 Most Popular Grammy Lifetime Achievement Award Winners Wikipedia contributors

The Book of Life - 101 Amazing Facts You Didn't Know G Whiz 2014-08-24 What are the amazing facts of The Book of Life by Deborah Harkness? Do you want to know the golden nuggets of facts readers love? If you've enjoyed the book, then this will be a must read delight for you! Collected for readers everywhere are 101 book facts about the book & author that are fun, down-to-earth, and amazingly true to keep you laughing and learning as you read through the book! Tips & Tricks to Enhance Reading Experience • Enter "G Whiz" after your favorite title to see if publication exists! ie) The Book of Life G Whiz • Enter "G Whiz 101" to search for entire catalogue! • Tell us what title you want next! • Combine your favorite titles to receive bundle coupons! • Submit a review and hop on the Wall of Contributors! "Get ready for fun, down-to-earth, and amazing facts that keep you laughing & learning!" - G Whiz DISCLAIMER: This work is a derivative work not to be confused with the original title. It is a collection of facts from reputable sources generally known to the public with source URLs for further reading and enjoyment. It is unofficial and unaffiliated with respective parties of the original title in any way. Due to the nature of research, no content shall be deemed authoritative nor used for citation purposes. Refined and tested for quality, we provide a 100% satisfaction guarantee or your money back.

Learning Chef Mischa Taylor 2014-11-06 Get a hands-on introduction to the Chef, the configuration management tool for solving operations issues in enterprises large and small. Ideal for developers and sysadmins new to configuration management, this guide shows you to automate the packaging and delivery of applications in your infrastructure. You'll be able to build (or rebuild) your infrastructure's application stack in minutes or hours, rather than days or weeks. After teaching you how to write Ruby-based Chef code, this book walks you through different Chef tools and configuration management concepts in each chapter, using detailed examples throughout. All you need to get started is command-line experience and familiarity with basic system administration. Configure your Chef development environment and start writing recipes Create Chef cookbooks with recipes for each part of your infrastructure Use Test Kitchen to manage sandbox testing environments Manage single nodes with Chef client, and multiple nodes with Chef Server Use data bags for storing shared global data between nodes Simulate production Chef Server

environments with Chef Zero Classify different types of services in your infrastructure with roles Model life stages of your application, including development, testing, staging, and production

Towards a Comparative Analysis of Social Inequalities between Europe and Latin America Pedro López-Roldán 2020-11-13 This open access volume identifies the common and specific aspects of social mechanisms that generate inequalities, through comparative analyses of different dimensions in which inequalities are expressed. It includes studies on social inequalities in 5 European and 5 Latin American countries, along 11 thematic axes: inequalities in the labour market and labour trajectories; asymmetries in the relationship between training and employment; inequalities in work and family life; educational inequalities; geographical and social inequalities: ethnicity and language; social inequalities, migration and space; uncertainty, strategies, resources and capabilities; inequality of opportunity: intergenerational social mobility; social policies; gender inequalities; and research methodology. This volume is the result of a large collaborative project on social inequality funded by the European Commission: the International Network for Comparative Analysis of Social Inequalities. Taking into account diverse perspectives and approximations, the collaborators have created a general analytical framework as a model of analysis of social inequalities. The various contributions in this volume help readers gain a global outlook and help reflect on social inequalities in a comparative perspective. This volume addresses social science graduate and postgraduate students, researchers, social policy makers, as well as a broader academic audience interested in social inequality.

The Cemeteries of Jackson and Sandy Ridge Townships, Union County, North Carolina: Volume 5 S. David Carriker, D. Min. 2017

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.

Big Data Made Easy Michael Frampton 2014-12-31 Many corporations are finding that the size of their data sets are outgrowing the capability of their systems to store and process them. The data is becoming too big to manage and use with traditional tools. The solution: implementing a big data system. As Big Data Made Easy: A Working Guide to the Complete Hadoop Toolset shows, Apache Hadoop offers a scalable, fault-tolerant system for storing and processing data in parallel. It has a very rich toolset that allows for storage (Hadoop), configuration (YARN and ZooKeeper), collection (Nutch and Solr), processing (Storm, Pig, and Map Reduce), scheduling (Oozie), moving (Sqoop and Avro), monitoring (Chukwa, Ambari, and Hue), testing (Big Top), and analysis (Hive). The problem is that the Internet offers IT pros wading into big data many versions of the truth and some outright falsehoods born of ignorance. What is needed is a book just like this one: a wide-ranging but easily understood set of instructions to explain where to get Hadoop tools, what they can do, how to install them, how to configure them, how to integrate them, and how to use them successfully. And you need an expert who has worked in this area for a decade—someone just like author and big data expert Mike Frampton. Big Data Made Easy approaches the problem of managing massive data sets from a systems perspective, and it explains the roles for each project (like architect and tester, for example) and shows how the Hadoop toolset can be used at each system stage. It explains, in an easily understood manner and through numerous examples, how to use each tool. The book also explains the sliding scale of tools available depending upon data size

and when and how to use them. Big Data Made Easy shows developers and architects, as well as testers and project managers, how to: Store big data Configure big data Process big data Schedule processes Move data among SQL and NoSQL systems Monitor data Perform big data analytics Report on big data processes and projects Test big data systems Big Data Made Easy also explains the best part, which is that this toolset is free. Anyone can download it and—with the help of this book—start to use it within a day. With the skills this book will teach you under your belt, you will add value to your company or client immediately, not to mention your career.

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

Cyber Operations Mike O'Leary 2015-10-23 Cyber Operations walks you through all the processes to set up, defend, and attack computer networks. This book focuses on networks and real attacks, offers extensive coverage of offensive and defensive techniques, and is supported by a rich collection of exercises and resources. You'll learn how to configure your network from the ground up, starting by setting up your virtual test environment with basics like DNS and active directory, through common network services, and ending with complex web applications involving web servers and backend databases. Key defensive techniques are integrated throughout the exposition. You will develop situational awareness of your network and will build a complete defensive infrastructure—including log servers, network firewalls, web application firewalls, and intrusion detection systems. Of course, you cannot truly understand how to defend a network if you do not know how to attack it, so you will attack your test systems in a variety of ways beginning with elementary attacks against browsers and culminating with a case study of the compromise of a defended e-commerce site. The author, who has coached his university's cyber defense team three times to the finals of the National Collegiate Cyber Defense Competition, provides a practical, hands-on approach to cyber security. *MySQL Cookbook* Sveta Smirnova 2022-08-02 For MySQL, the price of popularity comes with a flood of questions from users on how to solve specific

data-related issues. That's where this cookbook comes in. 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 resolve MySQL problems from scratch. In this updated fourth edition, authors Sveta Smirnova and Alkin Tezuysal provide more than 200 recipes that cover powerful features in both MySQL 5.7 and 8.0. Beginners as well as professional database and web developers will dive into topics such as MySQL Shell, MySQL replication, and working with JSON. You'll learn how to: Connect to a server, issue queries, and retrieve results Retrieve data from the MySQL Server Store, retrieve, and manipulate strings Work with dates and times Sort query results and generate summaries Assess the characteristics of a dataset Write stored functions and procedures Use stored routines, triggers, and scheduled events Perform basic MySQL administration tasks Understand MySQL monitoring fundamentals

The Limits of Partnership Angela E. Stent 2015-03-29 The Limits of Partnership is a riveting narrative about U.S.-Russian relations from the Soviet collapse through the Ukraine crisis and the difficult challenges ahead. It reflects the unique perspective of an insider who is also recognized as a leading expert on this troubled relationship. American presidents have repeatedly attempted to forge a strong and productive partnership only to be held hostage to the deep mistrust born of the Cold War. For the United States, Russia remains a priority because of its nuclear weapons arsenal, its strategic location bordering Europe and Asia, and its ability to support--or thwart-- American interests. Why has it been so difficult to move the relationship forward? What are the prospects for doing so in the future? Is the effort doomed to fail again and again? What are the risks of a new Cold War? Angela Stent served as an adviser on Russia under Bill Clinton and George W. Bush, and maintains dialogues with key policymakers in both countries. Here, she argues that the same contentious issues-- terrorism, missile defense, Iran, nuclear proliferation, Afghanistan, the former Soviet space, the greater Middle East--have been in every president's inbox, Democrat and

Republican alike, since the collapse of the USSR. Stent vividly describes how Clinton and Bush sought inroads with Russia and staked much on their personal ties to Boris Yeltsin and Vladimir Putin--only to leave office with relations at a low point--and how Barack Obama managed to restore ties only to see them undermined by a Putin regime resentful of American dominance and determined to restore Russia's great power status. The Limits of Partnership calls for a fundamental reassessment of the principles and practices that drive U.S.-Russian relations, and offers a path forward to meet the urgent challenges facing both countries. This edition includes a new chapter in which Stent provides her insights about dramatic recent developments in U.S.-Russian relations, particularly the annexation of Crimea, war in Ukraine, and the end of the Obama Reset.

Time Series Analysis with Python Cookbook Tarek A. Atwan 2022-06-30 Perform time series analysis and forecasting confidently with this Python code bank and reference manual Key Features Explore forecasting and anomaly detection techniques using statistical, machine learning, and deep learning algorithms Learn different techniques for evaluating, diagnosing, and optimizing your models Work with a variety of complex data with trends, multiple seasonal patterns, and irregularities Book Description Time series data is everywhere, available at a high frequency and volume. It is complex and can contain noise, irregularities, and multiple patterns, making it crucial to be well-versed with the techniques covered in this book for data preparation, analysis, and forecasting. This book covers practical techniques for working with time series data, starting with ingesting time series data from various sources and formats, whether in private cloud storage, relational databases, non-relational databases, or specialized time series databases such as InfluxDB. Next, you'll learn strategies for handling missing data, dealing with time zones and custom business days, and detecting anomalies using intuitive statistical methods, followed by more advanced unsupervised ML models. The book will also explore forecasting using classical statistical models such as Holt-Winters, SARIMA, and VAR. The recipes will present practical techniques for handling non-stationary data, using power

transforms, ACF and PACF plots, and decomposing time series data with multiple seasonal patterns. Later, you'll work with ML and DL models using TensorFlow and PyTorch. Finally, you'll learn how to evaluate, compare, optimize models, and more using the recipes covered in the book. What you will learn Understand what makes time series data different from other data Apply various imputation and interpolation strategies for missing data Implement different models for univariate and multivariate time series Use different deep learning libraries such as TensorFlow, Keras, and PyTorch Plot interactive time series visualizations using hvPlot Explore state-space models and the unobserved components model (UCM) Detect anomalies using statistical and machine learning methods Forecast complex time series with multiple seasonal patterns Who this book is for This book is for data analysts, business analysts, data scientists, data engineers, or Python developers who want practical Python recipes for time series analysis and forecasting techniques. Fundamental knowledge of Python programming is required. Although having a basic math and statistics background will be beneficial, it is not necessary. Prior experience working with time series data to solve business problems will also help you to better utilize and apply the different recipes in this book.

Report to Congress of the U.S.-China Economic and Security Review Commission U.S.-China Economic and Security Review Commission 2014

American Public Opinion toward Israel Amnon Cavari 2020-12-10 This book examines trends in American public opinion about Israel in over 75 years, from 1944 to 2019. Analyzing data from hundreds of surveys in jargon-free writing, the authors show that public support for Israel has seen a dramatic shift toward increased division between partisan and select demographic groups, elaborating on the implications that this important change may have for the countries' special relationship. Scholars and students of American foreign policy, public opinion, Middle East politics and international relations, as well as policy analysts, policymakers, journalists and anyone interested in American policy toward Israel, will want to read this book. Special Features An Online Appendix including all

surveys used throughout the book. A Roper Center-approved Data Tool that allows readers to create their own figures based on data used in the book:

https://www.idc.ac.il/en/schools/government/research/apoi/pages/data-tool.aspx

Approved Drug Products with Therapeutic Equivalence Evaluations 2005

Python Data Science Handbook Jake VanderPlas 2016-11-21 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

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