

IT Essentials Companion Guide v7 Cisco Networking Academy 2020-04-01 IT Essentials v7 Companion Guide supports the Cisco Networking Academy IT Essentials version 7 course. The course is designed for Cisco Networking Academy students who want to pursue careers in IT and learn how computers work, how to assemble computers, and how to safely and securely troubleshoot hardware and software issues. The features of the Companion Guide are designed to help you study and succeed in this course: · Chapter objectives–Review core concepts by answering the focus questions listed at the beginning of each chapter. · Key terms–Refer to the updated lists of networking vocabulary introduced, and turn to the highlighted terms in context. · Course section numbering–Follow along with the course heading numbers to easily jump online to complete labs, activities, and quizzes referred to within the text. · Check Your Understanding Questions and Answer Key–Evaluate your readiness with the updated end-of-chapter questions that match the style of questions you see on the online course quizzes. This book is part of the Cisco Networking Academy Series from Cisco Press®. Books in this series support and complement the Cisco Networking Academy.

Radicals, Resistance, and Revenge Judge Jeanine Pirro 2019-08-27 Picking up where her #1 New York Times bestseller, *Liars, Leakers, and Liberals* left off, Judge Jeanine Pirro exposes the latest chapter in the unfolding liberal attack on our most basic values. Donald Trump's presidency has been under siege by the Left and their Deep State fellow travelers who concocted an outrageous case of conspiracy with Russia to keep him from doing what he was elected to do: secure America's borders, revive its economy, drain the Washington DC swamp, and restore our constitutional republic. Overturning presidential elections, nationalizing private industries like healthcare and education, destroying America's borders, erasing its national identity, and effectively silencing conservative voices in the cybersphere and public square are a few examples of the lengths to which the far-left progressives and socialists will go to destroy the America we love. *Radicals, Resistance, and Revenge* features Judge Jeanine's keen analysis of explosive information about the anti-Trump conspirators, their corrupt methods and possible crimes, and the Left's subversive plot against the foundation of American liberty. Judge Jeanine is sounding the alarm and calling out those who despise our most cherished ideals and institutions to warn patriotic Americans before it's too late.

Python Machine Learning Wei-Meng Lee 2019-04-04 Python makes machine learning easy for beginners and experienced developers With computing power increasing exponentially and costs decreasing at the same time, there is no better time to learn machine learning using Python. Machine learning tasks that once required enormous processing power are now possible on desktop machines. However, machine learning is not for the faint of heart—it requires a good foundation in statistics, as well as programming knowledge. *Python Machine Learning* will help coders of all levels master one of the most in-demand programming skillsets in use today. Readers will get started by following fundamental topics such as an introduction to Machine Learning and Data Science. For each learning algorithm, readers will use a real-life scenario to show how Python is used to solve the problem at hand. • Python data science—manipulating data and data visualization • Data cleansing • Understanding Machine learning algorithms • Supervised learning algorithms • Unsupervised learning algorithms • Deploying machine learning models *Python Machine Learning* is essential reading for students, developers, or anyone with a keen interest in taking their coding skills to the next level.

The Hype Machine Sinan Aral 2020-09-15 A landmark insider's tour of how social media affects our decision-making and shapes our world in ways both useful and dangerous, with critical insights into the social media trends of the 2020 election and beyond “The book might be described as prophetic. . . . At least two of Aral's three predictions have come to fruition.”—New York NAMED ONE OF THE BEST BOOKS OF THE YEAR BY WIRED • LONGLISTED FOR THE PORCHLIGHT BUSINESS BOOK AWARD Social media connected the world—and gave rise to fake news and increasing polarization. It is paramount, MIT professor Sinan Aral says, that we recognize the outsize effect social media has on us—on our politics, our economy, and even our

personal health—in order to steer today's social technology toward its great promise while avoiding the ways it can pull us apart. Drawing on decades of his own research and business experience, Aral goes under the hood of the most powerful social networks to tackle the critical question of just how much social media actually shapes our choices, for better or worse. He shows how the tech behind social media offers the same set of behavior influencing levers to everyone who hopes to change the way we think and act—from Russian hackers to brand marketers—which is why its consequences affect everything from elections to business, dating to health. Along the way, he covers a wide array of topics, including how network effects fuel Twitter's and Facebook's massive growth, the neuroscience of how social media affects our brains, the real consequences of fake news, the power of social ratings, and the impact of social media on our kids. In mapping out strategies for being more thoughtful consumers of social media, *The Hype Machine* offers the definitive guide to understanding and harnessing for good the technology that has redefined our world overnight.

Mansions of the Moon: A Lunar Zodiac for Astrology and Magic 2nd Edition with 2019-2033 Mansion Ephemeris Christopher Warnock

The Circassian Miracle: Adel Bashqawi 2019-12-11 This work is dedicated to Circassia, the historical homeland of the Circassians, who inspired and encouraged emerging generations to maintain the torch of freedom and to lead the way, despite all obstacles and attempts of exclusion that have been tested over the years. Since the subjugation of their homeland, the Circassians were subjected to harsh conditions in all walks of life, which wasn't easy to withstand and get through. This meant a dictatorial, savage, direct military and security jurisdiction, and domination for the duration of both tyrant tsarist imperial and Soviet/Communist eras. From the beginning of the 1990s on, the general situation has been quite different concerning the circumstances that the Circassian affairs have been clutched to. After decades of being forgotten, the people of the Caucasus region and the world at large have started to become enlightened with information that was prevented and blocked from the public. Even the historians, specialists, and academicians were not in the picture of the pain, destiny, and suffering that the Circassian nation was inflicted with for decades, specifically since the occupation and deportation of 1864.

A review of illegal, unreported and unregulated fishing issues and progress in the Asia-Pacific Fishery Commission region Wilcox, C., Mann, V., Cannard, T., Ford, J., Hoshino, E., Pascoe, S. 2021-03-31 Illegal, unreported and unregulated (IUU) fishing constitutes a persistent and pressing problem estimated to account for up to US\$23 billion annually in the APFIC area. The effects of IUU fishing can be severe, particularly for small-island and coastal developing states heavily dependent on fisheries, and include adverse impacts on peoples' livelihoods, food security, national economies and the environment. Countries unable to fulfil international obligations for fisheries management and governance risk incurring trade sanctions on their fisheries exports, an increasing issue as export markets tighten their permitting. Furthermore, IUU fishing is increasingly associated with national and transnational organised criminal activities, although the evidence remains mixed. FAO commissioned this report two years ago to produce an independent update to an unpublished 2015 study on IUU fishing in the APFIC area of competence, which was presented to the APFIC as an information paper in 2016 (FAO 2016a). The 2015 study used a mixture of media reports, literature review, and interviews to build a picture of hotspots of illegal fishing across the APFIC area of competence. This report builds on the previous work, incorporating additional analysis methods to predict illegal fishing in a transparent manner. Based on discussions with the APFIC Secretariat, it was decided to limit the study to the illegal component of IUU fishing. A key difference with the 2015 study is the extension of the estimation of illegal fishing from the 33 hotspots covered in the 2015 study to the entire APFIC area of competence in this study. This report provides the following key outputs: (i) development and implementation of an agreed methodology for estimating illegal fishing levels and progress; (ii) information from case studies in three Asia-Pacific countries; and (iii)

analysis of results from the agreed method estimating the incidence of illegal fishing and implication of efforts to reduce it. The approach taken to achieve these goals included a structured online survey of fisheries officials in APFIC countries, semi-structured interviews of key informants knowledgeable about illegal fishing in the APFIC region, and analysis of articles on illegal fishing from public media data across the APFIC area of competence.

Practical R for Mass Communication and Journalism Sharon Machlis 2018-12-21 Do you want to use R to tell stories? This book was written for you—whether you already know some R or have never coded before. Most R texts focus only on programming or statistical theory. Practical R for Mass Communication and Journalism gives you ideas, tools, and techniques for incorporating data and visualizations into your narratives. You'll see step by step how to: Analyze airport flight delays, restaurant inspections, and election results Map bank locations, median incomes, and new voting districts Compare campaign contributions to final election results Extract data from PDFs Whip messy data into shape for analysis Scrape data from a website Create graphics ranging from simple, static charts to interactive visualizations for the Web If you work or plan to work in a newsroom, government office, non-profit policy organization, or PR office, Practical R for Mass Communication and Journalism will help you use R in your world. This book has a companion website with code, links to additional resources, and searchable tables by function and task. Sharon Machlis is the author of Computerworld's Beginner's Guide to R, host of InfoWorld's Do More With R video screencast series, admin for the R for Journalists Google Group, and is well known among Twitter users who follow the #rstats hashtag. She is Director of Editorial Data and Analytics at IDG Communications (parent company of Computerworld, InfoWorld, PC World and Macworld, among others) and a frequent speaker at data journalism and R conferences.

Applied Incident Response Steve Anson 2020-01-29 Incident response is critical for the active defense of any network, and incident responders need up-to-date, immediately applicable techniques with which to engage the adversary. Applied Incident Response details effective ways to respond to advanced attacks against local and remote network resources, providing proven response techniques and a framework through which to apply them. As a starting point for new incident handlers, or as a technical reference for hardened IR veterans, this book details the latest techniques for responding to threats against your network, including: Preparing your environment for effective incident response Leveraging MITRE ATT&CK and threat intelligence for active network defense Local and remote triage of systems using PowerShell, WMIC, and open-source tools Acquiring RAM and disk images locally and remotely Analyzing RAM with Volatility and Rekall Deep-dive forensic analysis of system drives using open-source or commercial tools Leveraging Security Onion and Elastic Stack for network security monitoring Techniques for log analysis and aggregating high-value logs Static and dynamic analysis of malware with YARA rules, FLARE VM, and Cuckoo Sandbox Detecting and responding to lateral movement techniques, including pass-the-hash, pass-the-ticket, Kerberoasting, malicious use of PowerShell, and many more Effective threat hunting techniques Adversary emulation with Atomic Red Team Improving preventive and detective controls

IBM Spectrum Protect Plus Practical Guidance for Deployment, Configuration, and Usage Bert Dufasne 2020-12-14 IBM® Spectrum Protect Plus is a data protection solution that provides near-instant recovery, replication, retention management, and reuse for virtual machines, databases, and applications backups in hybrid multicloud environments. IBM Knowledge Center for IBM Spectrum® Protect Plus provides extensive documentation for installation, deployment, and usage. In addition, build and size an IBM Spectrum Protect Plus solution. The goal of this IBM Redpaper® publication is to summarize and complement the available information by providing useful hints and tips that are based on the authors' practical experience in installing and supporting IBM Spectrum Protect Plus in customer environments. Over time, our aim is to compile a set of best practices that cover all aspects of the product, from planning and installation to tuning, maintenance, and troubleshooting.

Insight Turkey 2019/04 2019-12-01 After the dismemberment of the Ottoman State, even though it lost a huge territory, Turkey chose not to pursue an irredentist foreign policy, and although it was a continuation of the Ottoman State, it did not want to maintain the Ottoman heritage. Instead the Republic of Turkey preferred to follow a pro status quo and a comprehensive Westernist foreign policy orientation. When the Soviet Union threatened Turkey in the wake of the Second World War, Turkey needed to officially be part of the Western world. Therefore, it had to accept the subordination to the liberal Western world and a dependent relationship with the United States due to the requirements of the bipolar world system. In spite of the vertical nature of this relationship, both sides benefitted from this strong and sustainable alliance relationship. On the one hand, the Western alliance provided security against the Soviet threat, military and economic support, and political advantages to Turkey. On the other hand, the Western countries gained a great deal from Turkey, who served as the most important NATO ally in the southeastern European front and hosted military air bases against threats coming from the east. Even after the collapse of the Soviet Union and the end of the Cold War, Turkey continued to be a strategic ally of the West. However, after the changes in the global balance of power, the weakening of the American leadership, and the more assertive and competitive foreign policies of other global powers such as Russia and China, Turkey has decided to search for greater autonomy in its region. Furthermore, the Western states' policies, especially those of the U.S., have forced Turkey to follow a more independent foreign policy in order to be able to counter the increasing political instability in its regions. More specifically, the Western countries have preferred to collaborate with some anti-Turkish regional actors that threaten Turkey's national security. Especially after the Western support for the Fetullah Terrorist Organization (FETÖ) and the Syrian branch of PKK (YPG/PYD), both of which are considered as terrorist organizations by Turkey, the credibility of the Western countries has decreased dramatically in Turkey, leaving no other possible choice than questing for a more autonomous foreign policy. Thus, Turkey has begun to take necessary measures to search for a new and high-level status in the international system. Among others, Turkey has diversified its foreign economic relations and increased its material capacity. To this end, Turkey has begun to develop an Ankara-centered foreign policy and to oppose any developments that are detrimental to its national security. Turkey is still determined to maintain its alliance with the Western countries, but demands to revise the relationship, which became anachronistic in the light of developments at a regional and global level. In its search for alternative partners and an independent foreign policy, Turkey has improved its relations with Russia, the main alternative challenger and balancer against the Western/American hegemony. For instance, when the Turkish offer to buy Patriots was rejected by the U.S government, Ankara reached a deal with Russia to buy S-400 missile defense systems. For many years now, Turkey has been asking for a comprehensive reformation in the international system and for a more inclusive approach in which multilateral international platforms such as the United Nations play a bigger role. Furthermore, since the July 15, 2016 coup attempt, the power of the Turkish Armed Forces (TSK) was consolidated. Three successful operations (Operation Euphrates Shield, Operation Olive Branch, and Operation Peace Spring) were undertaken in northern and northeastern Syria and as a result Turkey has strengthened its position in the Syrian conflict and prevented the projections of other actors involved in the crisis, thus indicating that it is a game changer in the region. Moreover, Turkey has recently initiated the Operation Claw in Northern Iraq against the PKK and has sent two drilling ships (Fatih and Yavuz) and one seismic ship (Barbaros) to the Eastern Mediterranean. In short, when forced, Turkey will be able to take unilateral measures to find solutions for the crises it may face in the future. Notwithstanding these developments, in principle, Turkey never questioned its longtime relations with the West. However, despite its membership of Western regional organizations like NATO, relationship with the Council of Europe and its EU membership process, the Western perception of Turkey has been extremely negative, and Western countries continue to take measures against Ankara. Fearing a loss

control over Turkey, the Western powers have been trying to prevent Turkey's quest for autonomy and punish any step taken in this regard. Furthermore, they have attempted to create an anti-Turkish regional bloc to contain Turkey's regional effectiveness, i.e. the most recent rapprochement between Israel, Saudi Arabia, the UAE and Egypt. Lastly, Western countries consistently support anti-Turkish forces in the region, including terrorist groups. It should also be noted that, at a time of multi-dimensional and multi-layered global threats and challenges, there is a high level of interdependency between Turkey and its NATO allies. European defense still starts from Turkey, especially when it comes to international terrorism and international migration. Therefore, it is very difficult to initiate a paradigm shift in Turkish-West relations. The only way for both sides to overcome the conflictual issues is to accept the new realities and to redefine the alliance relations. On the one hand, the Western countries should accept the new role that Turkey is determined to play in its regions and take the Turkish security concerns into attention. On the other hand, Turkey needs to continue its contributions to the NATO operations and to challenge the threats emanating from the Middle East, since Ankara cannot confront the regional threats by itself. This new issue of Insight Turkey showcases the emergence of Turkey as a regional power in the changing international system and aims to guide readers through the assortment of obstacles within Turkey's foreign policy and how Turkey's new diplomacy has navigated the nation to a whole new international arena. Turkey, in a volatile region, has plumbed the depths of autonomy in its foreign policy for the last decade and this has resulted in trouble with Turkey's strategic and NATO ally, the United States. Ali Balcı's commentary elucidates the quest of Turkey's autonomy in the Middle East, where the collaboration with Russia and Iran consolidates its quest. Considering Turkey's partnership with different actors for more autonomy, Balcı elaborates that the interests of Turkey and the U.S. are clashing in a region, where Turkey is a subordinate actor. The Syrian civil war has been a cardinal phenomenon having defined Turkey's relationships with its NATO ally, the U.S., and its neighbor and successor of the Soviet Union, Russia. William Hale canonically expounds how the U.S. has condoned Turkey's security concerns, thereby allowing Turkey to work with Russia in order to ward off the eminent threats emerging from Syria such as ISIS and YPG/PKK. Furthermore, this commentary suggests the tense relationship between Turkey and the U.S. not be taken at face value. As mentioned early, Turkey has been asking for a comprehensive reformation in the international system. The famous motto: "The world is bigger than five," made famous by Turkish President Recep Tayyip Erdoğan highlights the increasing need to reform the international system in favor of justice and fair representation for all members of the UN. The lack of social, economic, or humanitarian elements practiced within global governance continues to divide nations between the 'center' and 'periphery.' Berdal Aral delves deeper into the meaning of this motto and how domestically this idea emerged with the AK Party's use of morality in governance and connecting more international ties to poorer countries in Asia and Africa. President Erdoğan envisages a more just multipolar world against the damage being done from the privileged few on the Security Council, by reintroducing necessary reforms advocating for peace over power. The relationship between Russia and Turkey has been steadily improving since the fall of the Soviet Union. As cooperation continues to increase, a few hard internal and external challenges have tested whether the relationship between these two great powers can persevere over differing interests. The military-strategic threats these countries face is the main driving force maneuvering these two nations' relationships. The greatest of these came in 2015 with the downing of the Russian SU-24 bomber aircraft over its violations of Turkish airspace, this example alone caused geopolitical escalations that were crucial to resolve diplomatically. Resolution has been found with partnership in Syria and over arms trade as Turkey sees Russia as a path of diversification away from the West. In this regard, Şener Aktürk explores the various challenges endured and the reaction Russia had to the various threats Turkey has faced in recent years. The Eastern Mediterranean has remained one of the main focus areas of international attention due to the abundant amount of gas reserves around the Levant and island

of Cyprus. Lately, Turkey has made sure to show its presence in the region at a time when energy security here has been an increasing issue as global actors compete over resources in the area. Mehmet Efe Biresselioglu discusses Turkey's position in the contested energy-rich region as it continues to secure its interests in North Cyprus and diversify its own energy. As Turkey maximizes its energy potential, the reactions from surrounding states and the EU has hindered any sense of fair resolution to all regional parties. The unresolved dispute over Cyprus and respect for territorial sovereignty continues to be an ongoing dilemma that can see constructive progress made if Turkey is seen as a strategic partner, and not a part of the problem. The Turkish Lira suffered one of its most severe economic shocks in 2018, sending waves of uncertainty of Turkey's economic potential worldwide. Among speculation as to what factors inhibit economic shocks on the Turkish market, Nurullah Gür, Mevlüt Tatlıyer, and Şerif Dilek address the view that geopolitical issues and slowed down reform measures are the main culprits to the depreciation. With the decline of the currency against the dollar, the Turkish government swiftly set to decrease the inflation rate and instill real sector reforms with a developmentalist approach to remedy the situation. Turkey continues to develop financial alternatives with reducing reliance on imports and growing in the export market, learning to safeguard against economic shocks has been a testing ground for the Turkish economy in recent years. Murat Ülgül introduces the importance of personal diplomacy, and how it is an effective tool in the modern world, thus making it no surprise that it has increased in practice within Turkey. Ülgül contends that personal diplomacy explains Turkey's foreign policy better as it is most effective in crisis periods, when there is dominant leadership, and when the political leader is confident about his/her ability to shape policies, all of which are applicable in Turkey. Turkish judiciary faced its biggest crisis on the night of July 15, 2016 during the coup attempt organized by FETÖ members who wanted to bring down the democratically elected government. They, however, did not succeed owing to the sturdy resistance of prosecutors and judges who were determined to uphold the rule of law against the coup-plotters. A prominent lawyer, Hüseyin Aydın, clarifies how the Turkish judiciary has even-handedly conducted the prosecution process since the night of July 15. Convulsed by unrest, Iran has returned to the center of the world's attention. Farhad Rezaei explores Iran's aim towards increasing their militarization, as a means of survival even at the cost of destabilizing its regional neighbors, and international discomfort. Dividing Iran's military doctrine between ideological-political and military-technological, Iran propagates its own notion as an Islamic protectorate and compensates for its military shortcomings, like its relatively weak air force, by bolstering its ballistic sector. To measure Iran's military-technology by taking inventory of Iran's military weaponry shows that they are at a disadvantage in the international realm. Therefore, they frequently resort to asymmetrical warfare with the use of proxy groups and cyberwarfare, where they have found limited success. While Iran is likely to continue to develop its weaponry, it is disadvantaged by richer neighbors partnered with America, economic sanctions, and the fact that its intentions on growth are seen more as a threat than domestic development. The last piece of this issue brings attention to the Kashmir Crisis -a simmering conflict- which has long been glossed over by many countries and international organizations yet, it has to be addressed due to the human rights violations in the region. The Public Safety Act, which is a preventive detention law and required to comply with the international law, is used as a political tool to realize the objectives of authorities rather than its advocated primary aim of detaining people. Mohamad Aabit Bhat sheds a light on the covert intentions of the law, which has been "enforced" in the disputed territory of Jammu and Kashmir, with a discursive approach. These past years have been a challenging test for Turkish diplomacy, as fluctuating relationships and conflicting interests have been at the foreground, whether it's in the warzone of Syria or on the international stage at the UN. Insight Turkey's last issue for 2019 "Turkey's New Foreign Policy: A Quest for Autonomy" analyses how Turkey with great stamina has proven that it is a strong cooperative player and balancer between the polarities of the world, as a voice for the oppressed and a pillar of strength among the dominant forces in the

What was daily life under the Trump presidency really like?

An accessible ebook with short, thematic entries showing the corruption of the entire Trump presidency, *A President's Daily Brief, Year 1-4: The Day-by-Day Lurch of Trump's Norm-Breaking Presidency* is the full volume of Micah Fisher-Kirshner's series, representing the four years of Trump's time in power and the subversion that occurred. More than a compiled list of significant events that portray Trump as the most corrupt American president, this digestible and scannable read of in-the-moment posts pulled from news outlets and credible sources provides an intimate look at how the administration went about breaking the presidential norms on a daily basis. Readers also will have access to citations to fact-check claims.

This quick read on a Trump presidency that started off with outrage and graduated to righteous indignation is a must-have for those who enjoy history, politics, and government or simply want to read about the most notorious presidency in history.

Learning Domain-Driven Design Vlad Khononov 2021-10-08 Building software is harder than ever. As a developer, you not only have to chase ever-changing technological trends but also need to understand the business domains behind the software. This practical book provides you with a set of core patterns, principles, and practices for analyzing business domains, understanding business strategy, and, most importantly, aligning software design with its business needs. Author Vlad Khononov shows you how these practices lead to robust implementation of business logic and help to future-proof software design and architecture. You'll examine the relationship between domain-driven design (DDD) and other methodologies to ensure you make architectural decisions that meet business requirements. You'll also explore the real-life story of implementing DDD in a startup company. With this book, you'll learn how to: Analyze a company's business domain to learn how the system you're building fits its competitive strategy Use DDD's strategic and tactical tools to architect effective software solutions that address business needs Build a shared understanding of the business domains you encounter Decompose a system into bounded contexts Coordinate the work of multiple teams Gradually introduce DDD to brownfield projects

Jump Start Git Shaumik Daityari 2020-05-15 Get a Jump Start on version control with Git today! If you've worked on a web development project of any size, you've probably used Git, the most broadly adopted distributed version control system available. It enables you to store different versions of project files and directories, so you can roll back to an earlier one if something goes wrong. And since it's distributed, it smoothes the path for dev team collaboration. This short, practical book will help you to: Understand Git's core philosophy. Get started with Git: install it, learn the basic commands, and set up your first project. Work with Git as part of a collaborative team. Use Git's debugging tools for maximum debug efficiency. Master Git workflow Take control with Git's advanced features: reflow, rebase, stash, and more. Use Git with cloud-based Git repository host services like Github and Bitbucket. See how Git's used effectively on large open-source projects. Whether you're a Git newbie or you've been using it for some time but only really scratching the surface of its capabilities, this book will help you to gain a deep understanding of how Git works, and how to use it to streamline your workflow.

Securing Data on Threat Detection by Using IBM Spectrum Scale and IBM QRadar: An Enhanced Cyber Resiliency Solution Boudhayan Chakrabarty 2021-09-13 Having appropriate storage for hosting business-critical data and advanced Security Information and Event Management (SIEM) software for deep inspection, detection, and prioritization of threats has become a necessity for any business. This IBM® Redpaper publication explains how the storage features of IBM Spectrum® Scale, when combined with the log analysis, deep inspection, and detection of threats that are provided by IBM QRadar®, help reduce the impact of incidents on business data. Such integration provides an excellent platform for hosting unstructured business

data that is subject to regulatory compliance requirements. This paper describes how IBM Spectrum Scale File Audit Logging can be integrated with IBM QRadar. Using IBM QRadar, an administrator can monitor, inspect, detect, and derive insights for identifying potential threats to the data that is stored on IBM Spectrum Scale. When the threats are identified, you can quickly act on them to mitigate or reduce the impact of incidents. We further demonstrate how the threat detection by IBM QRadar can proactively trigger data snapshots or cyber resiliency workflow in IBM Spectrum Scale to protect the data during threat. This third edition has added the section "Ransomware threat detection", where we describe a ransomware attack scenario within an environment to leverage IBM Spectrum Scale File Audit logs integration with IBM QRadar. This paper is intended for chief technology officers, solution engineers, security architects, and systems administrators. This paper assumes a basic understanding of IBM Spectrum Scale and IBM QRadar and their administration.

EIB Working Papers 2019/06 - Promoting energy audits: Results from an experiment European Investment Bank 2019-10-15 Energy audits are key to increase investments in energy efficiency. This paper assesses the effectiveness of policy interventions in promoting energy audits by relying on evidence from a unique experiment. The findings of the experiment allow us to quantify by how much the probability that firms invest in energy audits increases, as the policy mix changes.

Multimedia Communications, Services and Security Andrzej Dziech 2020-09-24 This volume constitutes the refereed proceedings of the 10th International Conference on Multimedia Communications, Services and Security, MCSS 2020, held in Kraków, Poland, in October 2020. The 24 full papers and 2 short papers included in the volume were selected from 54 submissions. The papers cover ongoing research activities in the following topics: multimedia services; intelligent monitoring; audio-visual systems; biometric applications; experiments and deployments.

Advances in Tourism, Technology and Smart Systems Álvaro Rocha 2019-11-25 This book features a collection of high-quality research papers presented at the International Conference on Tourism, Technology & Systems (ICOTTS 2019), held at the Universidad Abierta Interamericana, in Buenos Aires, Argentina, from 5th to 7th December 2019. It covers the areas technology in tourism and the tourist experience, generations and technology in tourism, digital marketing applied to tourism and travel, mobile technologies applied to sustainable tourism, information technologies in tourism, digital transformation of tourism business, e-tourism and tourism 2.0, big data and management for travel and tourism, geotagging and tourist mobility, smart destinations, robotics in tourism, and information systems and technologies.

(5 th International Conference on Lifelong Education and Leadership for ALL-ICLEL 2019 Prof. Dr. Osman TITREK 2019-12-28 Copyright © 2019, ICLEL Conferences All rights reserved by ICLEL Conferences

Machine Learning Jason Bell 2020-03-10 Dig deep into the data with a hands-on guide to machine learning with updated examples and more! Machine Learning: Hands-On for Developers and Technical Professionals provides hands-on instruction and fully-coded working examples for the most common machine learning techniques used by developers and technical professionals. The book contains a breakdown of each ML variant, explaining how it works and how it is used within certain industries, allowing readers to incorporate the presented techniques into their own work as they follow along. A core tenant of machine learning is a strong focus on data preparation, and a full exploration of the various types of learning algorithms illustrates how the proper tools can help any developer extract information and insights from existing data. The book includes a full complement of Instructor's Materials to facilitate use in the classroom, making this resource useful for students and as a professional reference. At its core, machine learning is a mathematical, algorithm-based technology that forms the basis of historical data mining and modern big data science. Scientific analysis of big data requires a working knowledge of machine learning, which forms predictions based on known properties learned

from training data. Machine Learning is an accessible, comprehensive guide for the non-mathematician, providing clear guidance that allows readers to: Learn the languages of machine learning including Hadoop, Mahout, and Weka Understand decision trees, Bayesian networks, and artificial neural networks Implement Association Rule, Real Time, and Batch learning Develop a strategic plan for safe, effective, and efficient machine learning By learning to construct a system that can learn from data, readers can increase their utility across industries. Machine learning sits at the core of deep dive data analysis and visualization, which is increasingly in demand as companies discover the goldmine hiding in their existing data. For the tech professional involved in data science, Machine Learning: Hands-On for Developers and Technical Professionals provides the skills and techniques required to dig deeper.

Learning SQL Alan Beaulieu 2020-03-04 As data floods into your company, you need to put it to work right away—and SQL is the best tool for the job. With the latest edition of this introductory guide, author Alan Beaulieu helps developers get up to speed with SQL fundamentals for writing database applications, performing administrative tasks, and generating reports. You'll find new chapters on SQL and big data, analytic functions, and working with very large databases. Each chapter presents a self-contained lesson on a key SQL concept or technique using numerous illustrations and annotated examples. Exercises let you practice the skills you learn. Knowledge of SQL is a must for interacting with data. With Learning SQL, you'll quickly discover how to put the power and flexibility of this language to work. Move quickly through SQL basics and several advanced features Use SQL data statements to generate, manipulate, and retrieve data Create database objects, such as tables, indexes, and constraints with SQL schema statements Learn how datasets interact with queries; understand the importance of subqueries Convert and manipulate data with SQL's built-in functions and use conditional logic in data statements

Yearbook of International Humanitarian Law, Volume 22 (2019) Terry D. Gill 2020-10-28 The main theme of this volume of the Yearbook of International Humanitarian Law is the 70th

anniversary of the Geneva Conventions. The evolution of these crucial treaties and international humanitarian law more generally comes back in six chapters addressing topics such as sieges, compliance, indiscriminate attacks and non-state armed groups. The second part of the book contains a chapter on the acquittal on appeal of Jean-Pierre Bemba Gombo by the International Criminal Court on the basis of command responsibility for war crimes, as well as an extensive Year in Review describing the most important events and legal developments in the area of international humanitarian law that took place in 2019. The Yearbook of International Humanitarian Law is the world's only annual publication devoted to the study of the laws governing armed conflict. It provides a truly international forum for high-quality, peer-reviewed academic articles focusing on this crucial branch of international law. Distinguished by contemporary relevance, the Yearbook of International Humanitarian Law bridges the gap between theory and practice and serves as a useful reference tool for scholars, practitioners, military personnel, civil servants, diplomats, human rights workers and students.

German Practice in International Law: Volume 1 Stefan Talmon 2022-06-09 Customary international law is based on State practice. This book presents the international law practice of Germany, the world's fourth-largest economy and a powerhouse of the European Union. That practice makes an important contribution to the creation and development of customary international law. It is the first and only presentation in English of German practice in the field of international law. The 2019 volume also provides comprehensive coverage of Germany's membership of the United Nations Security Council. The book combines a case study approach, providing analysis and commentary on Germany's practice, with a classic digest of primary materials, including diplomatic correspondence, statements and court decisions. The book is an ideal complement to other compilations of international law practice and is an essential resource for scholars and practitioners of international law. It will also be of interest to scholars of international relations, politics and diplomatic studies.