

2021/03

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Extinction Governance, Finance and Accounting

Jill Atkins 2022-05-30 The planet is currently experiencing a mass extinction event, with human and business activity being the root cause of species loss and habitat destruction. Industries, companies, banks, investors, accountants and auditors have all played their role. This book explores how they can also provide a solution. The book presents plans, metrics, frameworks, mechanisms and financial innovations that can be, and are being, implemented through the financial markets in order to save and protect species, enhance biodiversity and, at the same time, preserve the financial markets and the business world. This biodiversity handbook addresses the intersection between species extinction and the global capitalist system. With contributions from leading non-governmental organisations such as the Capitals Coalition, Business for Nature, the Ecojustice Foundation, ShareAction and the Endangered Wildlife Trust, plus senior researchers in the field, as well as industry experts from Moody's, EOS at Hermes Federated Investment Management, BlueBay Asset Management, ODDO BHF Asset Management and OSSIAM (to mention just a few), this book is at the forefront of addressing the crucially important topics of extinction accounting, finance and governance. Drawing on leading research, the book is written in an accessible style and is relevant to researchers and students in the fields of sustainability, governance, accounting, finance, corporate social responsibility and corporate governance. It is essential reading for

investors, responsible investors, bankers, business leaders and policy makers in the field of sustainable financial markets. Given the interdisciplinary nature of this book, it is useful to conservationists, ecologists and others involved in species and biodiversity protection.

Research Methods Using R DANIEL H. BAKER

2022-03-15 Providing complete coverage of advanced research methods and their implementation in R to increase students' confidence with programming techniques and their application to new situations and problems.

Indian Defence Review 36.2 (Apr-June 2021)

Air Marshal Anil Chopra 2021-04-01 IN THIS VOLUME:- What Obstructs India's Quest for the Stat us as a 'Power'? - Editor Lt Gen JS Bajwa Manoeuver Warfare: Liberation of Bangladesh in 1971 - Lt Gen JBS Yadava Air Space Control: Challenges and the Way Ahead - Air Marshal Anil Chopra Revival of Maritime Outlook in Modern India: The Role of Km Panikkar - Vice Admiral MP Muralidharan Artificial Intelligence and the Future of Power - Rajiv Malhotra Apache and Chinook: Enhancing the Effectiveness of the Helicopter Fleet - Gp Capt AK Sachdev Lethal Autonomous Weapon Systems: Existential Threat to Humanity? - Air Marshal Anil Chopra Challenges of Integrated Air Defence - Gp Capt AK Sachdev Integrated Logistics Command: Need for a Capability - Centric Kernel - Lt Gen NB Singh Has China Pressed the United States Against the Wall? - Ivaylo Valchev Weaponisation of Emerging Technologies: Staring at an Armageddon - Col RN Ghosh Dastidar Is India Paying the Price for Abandoning Tibet? - Col Tej K Tikoo Myanmar: Strategic Hiatus - Lt Gen Sanjiv

Langer China's Spectre on Bhutan - Lt Gen Prakash Katoch Aerospace and Defence News - Priya Tyagi Is India Heading into a 'Chabahar Dilemma'? - Capt Edwin Jothirajan India Must Shed Its Good Boy Image - Dr Rajasimman Sundaram US Withdrawal from Afghanistan: Taliban, Pakistan and India - Danvir Singh Pakistan Shifts Goal Post from 370 to 35A - Brig Anil Gupta Book Reviews

Actionable Insights with Amazon QuickSight

Manos Samatas 2022-01-28 Build interactive dashboards and storytelling reports at scale with the cloud-native BI tool that integrates embedded analytics and ML-powered insights effortlessly Key Features Explore Amazon QuickSight, manage data sources, and build and share dashboards Learn best practices from an AWS certified big data solutions architect Manage and monitor dashboards using the QuickSight API and other AWS services such as Amazon CloudTrail Book Description Amazon Quicksight is an exciting new visualization that rivals PowerBI and Tableau, bringing several exciting features to the table - but sadly, there aren't many resources out there that can help you learn the ropes. This book seeks to remedy that with the help of an AWS-certified expert who will help you leverage its full capabilities. After learning QuickSight's fundamental concepts and how to configure data sources, you'll be introduced to the main analysis-building functionality of QuickSight to develop visuals and dashboards, and explore how to develop and share interactive dashboards with parameters and on-screen controls. You'll dive into advanced filtering options with URL actions before learning how to set up alerts and scheduled reports. Next, you'll familiarize yourself with the types of insights before getting to grips with adding ML insights such as forecasting capabilities, analyzing time series data, adding narratives, and outlier detection to your dashboards. You'll also explore patterns to automate operations and look closer into the API actions that allow us to control settings. Finally, you'll learn advanced topics such as embedded dashboards and multitenancy. By the end of this book, you'll be well-versed with QuickSight's BI and analytics functionalities that will help you create BI apps with ML capabilities. What you will learn Understand the wider AWS analytics ecosystem and how QuickSight fits

within it Set up and configure data sources with Amazon QuickSight Include custom controls and add interactivity to your BI application using parameters Add ML insights such as forecasting, anomaly detection, and narratives Explore patterns to automate operations using QuickSight APIs Create interactive dashboards and storytelling with Amazon QuickSight Design an embedded multi-tenant analytics architecture Focus on data permissions and how to manage Amazon QuickSight operations Who this book is for This book is for business intelligence (BI) developers and data analysts who are looking to create interactive dashboards using data from Lake House on AWS with Amazon QuickSight. It will also be useful for anyone who wants to learn Amazon QuickSight in depth using practical, up-to-date examples. You will need to be familiar with general data visualization concepts before you get started with this book, however, no prior experience with Amazon QuickSight is required.

Product Lifecycle Management 2022 The two-volume set IFIP AICT 639 and 640 constitutes the refereed post-conference proceedings of the 18th IFIP WG 5.1 International Conference on Product Lifecycle Management, PLM 2021, held in Curitiba, Brazil, during July 11-14, 2021. The conference was held virtually due to the COVID-19 crisis. The 107 revised full papers presented in these proceedings were carefully reviewed and selected from 133 submissions. The papers are organized in the following topical sections: Volume I: Sustainability, sustainable development and circular economy; sustainability and information technologies and services; green and blue technologies; AI and blockchain integration with enterprise applications; PLM maturity, PLM implementation and adoption within industry 4.0; and industry 4.0 and emerging technologies: Volume II: Design, education and management; lean, design and innovation technologies; information technology models and design; and models, manufacturing and information technologies and services.

E-commerce During Covid: Stylized Facts from 47 Economies

Alberto Cavallo 2022-01-28 We study e-commerce across 47 economies and 26 industries during the COVID-19 pandemic using aggregated and anonymized transaction-level data from Mastercard, scaled to represent

total consumer spending. The share of online transactions in total consumption increased more in economies with higher pre-pandemic e-commerce shares, exacerbating the digital divide across economies. Overall, the latest data suggest that these spikes in online spending shares are dissipating at the aggregate level, though there is variation across industries. In particular, the share of online spending in professional services and recreation has fallen below its pre-pandemic trend, but we observe a longer-lasting shift to digital in retail and restaurants.

CIGOS 2021, Emerging Technologies and Applications for Green Infrastructure Cuong Ha-Minh 2021-10-28 This book highlights the key role of green infrastructure (GI) in providing natural and ecosystem solutions, helping alleviate many of the environmental, social, and economic problems caused by rapid urbanization. The book gathers the emerging technologies and applications in various disciplines involving geotechnics, civil engineering, and structures, which are presented in numerous high-quality papers by worldwide researchers, practitioners, policymakers, and entrepreneurs at the 6th CIGOS event, 2021. Moreover, by sharing knowledge and experiences around emerging GI technologies and policy issues, the book aims at encouraging adoption of GI technologies as well as building capacity for implementing GI practices at all scales. This book is useful for researchers and professionals in designing, building, and managing sustainable buildings and infrastructure.

Best Practice Examples of Implementing Ecosystem-Based Natural Hazard Risk Management in the GreenRisk4ALPs Pilot Action Regions Jurij Beguš 2021-09-22 One of the best ways to improve collective knowledge and practice is through sharing experiences and knowledge between different stakeholders. The idea for the current monograph followed such an approach. The monograph presents six best practice examples from six of the project's Pilot Action Regions (PAR). It is one of the deliverables of the GreenRisk4ALPs project funded by the EU Interreg Alpine Space program. The project aims to develop decision support tools supporting risk-based protective forest management in the Alpine Space. All main outputs of the project

have been tested, improved and operationally applied in the PARs. The monograph is primarily intended for forestry experts, decision-makers at all levels of decision-making and other professionals.

SQL Pocket Guide Alice Zhao 2021-08-26 If you use SQL in your day-to-day work as a data analyst, data scientist, or data engineer, this popular pocket guide is your ideal on-the-job reference. You'll find many examples that address the language's complexities, along with key aspects of SQL used in Microsoft SQL Server, MySQL, Oracle Database, PostgreSQL, and SQLite. In this updated edition, author Alice Zhao describes how these database management systems implement SQL syntax for both querying and making changes to a database. You'll find details on data types and conversions, regular expression syntax, window functions, pivoting and unpivoting, and more. Quickly look up how to perform specific tasks using SQL Apply the book's syntax examples to your own queries Update SQL queries to work in five different database management systems NEW: Connect Python and R to a relational database NEW: Look up frequently asked SQL questions in the "How Do I?" chapter

NIFTY BANK NIFTY ASTRO PREDICTION 2021 ACHARYA ASHISH 2021-01-11 There are many dimensions to know the future of the stock market. The best dimension among them is astrology because astrology gives guidance of both time and direction, which can be very important in the stock market. It's time to know the future in the stock market. And astrology itself is invaluable for the stock market because of the knowledge of direction found through astrology. In the year 2020, the stock market was broken due to COVID-19. There was no understanding of what would happen, but it was known at that time by astrology that this time in the stock market was the best opportunity to invest. Timely investment yields around 400% times profit by year-end. Nifty-Bank Nifty Astro Prediction 2021 has been composed to answer some of these questions. How will the composition of Yoga coincidence and the position of the planets in 2021 affect the stock market and what will be the results?

Internet of Things and M2M Communication Technologies Veena S. Chakravarthi

2021-09-25 This book provides readers with a 360-degree perspective on the Internet of Things (IoT) design and M2M communication process. It is intended to be used as a design guide for the development of IoT solutions, covering architecture, design, and development methods. This book examines applications such as industry automation for Industry 4.0, Internet of Medical Things (IoMT), and Internet of Services (IoS) as it is unfolding. Discussions on engineering fundamentals are limited to what is required for the realization of IoT solutions. Internet of Things and M2M Communication Technologies: Architecture and Practical Design Approach to IoT in Industry 4.0 is written by an industry veteran with more than 30 years of hands-on experience. It is an invaluable guide for electrical, electronic, computer science, and information science engineers who aspire to be IoT designers and an authoritative reference for practicing designers working on IoT device development. Provides complete design approach to develop IoT solutions; Includes reference designs and guidance on relevant standards compliance; Addresses design for manufacturability and business models.

Vital Statistics of the United States 2022

Shana Hertz Hattis 2022-07-30 Vital Statistics of the United States: Births, Life Expectancy, Deaths, and Selected Health Data brings together a comprehensive collection of birth, mortality, health, and marriage and divorce data into a single volume. It provides a wealth of information compiled by the National Center for Health Statistics and other government agencies. Vital Statistics contains over 225 tables and is divided into four parts: Births, Mortality, Health, and Marriage and Divorce. Charts and graphs, available at applicable points in each chapter, illustrate some of the most vital trends in the data. In addition, updated definitions reflect the latest federal parameters for information about births, mortality, health, and marriages. New COVID-19 data is woven into each section where appropriate. Some of the new tables include data on pregnant women with COVID-19, historical daily case trends, and demographic characteristics of people receiving the vaccine.

IBM Spectrum Archive Enterprise Edition V1.3.2.2: Installation and Configuration Guide
Hiroyuki Miyoshi 2022-03-10 This IBM®

Redbooks® publication helps you with the planning, installation, and configuration of the new IBM Spectrum® Archive Enterprise Edition (EE) Version 1.3.2.2 for the IBM TS4500, IBM TS3500, IBM TS4300, and IBM TS3310 tape libraries. IBM Spectrum Archive Enterprise Edition enables the use of the LTFS for the policy management of tape as a storage tier in an IBM Spectrum Scale based environment. It also helps encourage the use of tape as a critical tier in the storage environment. This edition of this publication is the tenth edition of IBM Spectrum Archive Installation and Configuration Guide. IBM Spectrum Archive EE can run any application that is designed for disk files on a physical tape media. IBM Spectrum Archive EE supports the IBM Linear Tape-Open (LTO) Ultrium 9, 8, 7, 6, and 5 tape drives. and the IBM TS1160, TS1155, TS1150, and TS1140 tape drives. IBM Spectrum Archive EE can play a major role in reducing the cost of storage for data that does not need the access performance of primary disk. The use of IBM Spectrum Archive EE to replace disks with physical tape in tier 2 and tier 3 storage can improve data access over other storage solutions because it improves efficiency and streamlines management for files on tape. IBM Spectrum Archive EE simplifies the use of tape by making it transparent to the user and manageable by the administrator under a single infrastructure. This publication is intended for anyone who wants to understand more about IBM Spectrum Archive EE planning and implementation. This book is suitable for IBM customers, IBM Business Partners, IBM specialist sales representatives, and technical specialists.

Review of FAO's country programme in Eritrea 2017-2021

Food and Agriculture Organization of the United Nations 2021-12-08 In 2020, the FAO Office of Evaluation (OED) backstopped the FAO Eritrea Office in the review of the FAO Country Programme. This is the first review of the Eritrea Country Programme and covers the Country Programming Framework (CPF) period from 2017 to 2021. The review assessed FAO's strategic positioning in Eritrea, the programme results and provided strategic recommendations on how FAO can better realign its programme to evolving needs. The review found that while the Ministry of Agriculture and the Ministry of Marine Resources fully participated

in the formulation of the CPF, the Ministry of Land, Water and the Environment's participation was limited. Overall, the results are unequal across the three priority areas of the CPF. The review makes thirteen recommendations. This includes FAO enhancing its cooperation with the Ministry of Marine Resources and the Ministry of Land, Water and the Environment. More specifically, both ministries should also be involved in the preparation of the next CPF.

Human Rights Law and Counter Terrorism

Strategies Diane Webber 2022-06-17 In 2006, the United Nations urged Member States to ensure that counter terrorism policies guaranteed respect for human rights and the rule of law. This book demonstrates that, in many cases, counter terrorism policies relating to preventive detention, targeted killing and measures relating to returning foreign terrorist fighters have failed to respect human rights, and this encourages vulnerable people to be drawn towards supporting or committing acts of terrorism. Furthermore, in recent years, jurisprudence and public opinion in some countries have shifted from being at one stage more protective of human rights, to an acquiescence that some particularly draconian counter terrorism methods are necessary and acceptable. This book analyzes why this has happened, with a focus on the United States, United Kingdom, and Israel, and offers suggestions to address this issue. The work will be essential reading for students, academics and policy-makers working in the areas of human rights, humanitarian law, and counter terrorism.

Job Ready Python Haythem Balti 2021-10-18 Get ready to take on Python with a practical and job-focused guide Job Ready Python offers readers a straightforward and elegant approach to learning Python that emphasizes hands-on and employable skills you can apply to real-world environments immediately. Based on the renowned mthree Global Academy and Software Guild training program, this book will get you up to speed in the basics of Python, loops and data structures, object-oriented programming, and data processing. You'll also get: Thorough discussions of Extract, Transform, and Load (ETL) scripting in Python Explorations of databases, including MySQL, and MongoDB—all commonly used database platforms in the field Simple, step-

by-step approaches to dealing with dates and times, CSV files, and JSON files Ideal for Python newbies looking to make a transition to an exciting new career, Job Ready Python also belongs on the bookshelves of Python developers hoping to brush up on the fundamentals with an authoritative and practical new handbook.

Software Mistakes and Tradeoffs Tomasz Lelek 2022-05-17 Software Mistakes and Tradeoffs teaches you how to make better decisions about designing, planning, and implementing applications. In Software Mistakes and Tradeoffs you'll learn from costly mistakes that Tomasz Lelek and Jon Skeet have encountered over their impressive careers. You'll explore real-world scenarios where poor understanding of tradeoffs lead to major problems down the road, to help you make better design decisions. Plus, with a little practice, you'll be able to avoid the pitfalls that trip up even the most experienced developers. Software Mistakes and Tradeoffs teaches you how to make better decisions about designing, planning, and implementing applications. You'll analyze real-world scenarios where the wrong tradeoff decisions were made, and discover what could have been done differently. The book lays out the pros and cons of different approaches and explores evergreen patterns that will always be relevant to software design. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

SEASONS, EASTER AND ASTRONOMICAL MOTIONS Pier Paolo Ricci 2013-11 This book, the last of the series dedicated to the solar system, includes various aspects of different kinds of planets during their evolution over the centuries, like the seasons, the length of the day, the precession, the orbital elements of the planets, the date of Easter and much more. A chapter is also dedicated to the transits and occultations visible to the other planets. This is not a technical and difficult to read manual, but a complete and very detailed description of what the sky gives us throughout our lives, so each table is ready for use, and each reported event will be easily visible to the naked eye or possibly with a simple pair of binoculars. The book is for stargazing astronomers and professionals. Questo libro, l'ultimo della serie dedicata al sistema solare, include vari aspetti di diversa natura dei pianeti

affrontati nella loro evoluzione nel corso dei secoli, come le stagioni, la durata del giorno, la precessione, gli elementi orbitali dei pianeti, la data della Pasqua e ta

A Practical Guide to the Commissioning Process

Thomas Toftgaard Jarløv A critically acclaimed book about commissioning used worldwide. Read and see reviews from the US, Canada, Australia and Denmark at www.CxGuideline.com. This book is written by an experienced commissioning manager reviews activities and documents in the commissioning process from the start of the construction process through to the end, with practical examples. This guide shows how you can implement commissioning and gives you the tools you need to get started. It also ensures that you will be in compliance with ASHRAE's Standard 202 and ASHRAE Guideline 0-2019, as well as the Danish commissioning standard DS3090. It guides you with tips and tricks to handle the challenges you'll face during the commissioning process - from the Owner's Project Requirements (OPR) to the test paradigms for system integration tests. Thomas Toftgaard Jarløv has multiple commissioning certifications: CxAP, CxM, and QCxP. He also runs www.CxWiki.dk, the Danish wiki on commissioning; and www.CxPlanner.com, which offers international commissioning software.

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.

Proceedings of the International Conference Engineering Innovations and Sustainable Development

S. I. Ashmarina **Practical MLOps** Noah Gift 2021-09-14 Getting your models into production is the fundamental challenge of machine learning. MLOps offers a set of proven principles aimed at solving this problem in a reliable and automated way. This insightful guide takes you through what MLOps is (and how it differs from DevOps) and shows you

how to put it into practice to operationalize your machine learning models. Current and aspiring machine learning engineers--or anyone familiar with data science and Python--will build a foundation in MLOps tools and methods (along with AutoML and monitoring and logging), then learn how to implement them in AWS, Microsoft Azure, and Google Cloud. The faster you deliver a machine learning system that works, the faster you can focus on the business problems you're trying to crack. This book gives you a head start. You'll discover how to: Apply DevOps best practices to machine learning Build production machine learning systems and maintain them Monitor, instrument, load-test, and operationalize machine learning systems Choose the correct MLOps tools for a given machine learning task Run machine learning models on a variety of platforms and devices, including mobile phones and specialized hardware

2020 - 2021 Middle School Weekly Goal

Setting Planner Donovan Thomas

Learn Python Programming Fabrizio Romano

2021-10-29 Get up and running with Python 3.9 through concise tutorials and practical projects in this fully updated third edition Key

Features Extensively revised with richer examples, Python 3.9 syntax, and new chapters on APIs and packaging and distributing Python code Discover how to think like a Python programmer Learn the fundamentals of Python through real-world projects in API development, GUI programming, and data science Book Description Learn Python Programming, Third Edition is both a theoretical and practical introduction to Python, an extremely flexible and powerful programming language that can be applied to many disciplines. This book will make learning Python easy and give you a thorough understanding of the language. You'll learn how to write programs, build modern APIs, and work with data by using renowned Python data science libraries. This revised edition covers the latest updates on API management, packaging applications, and testing. There is also broader coverage of context managers and an updated data science chapter. The book empowers you to take ownership of writing your software and become independent in fetching the resources you need. You will have a clear idea of where to go and how to build on what you have learned

from the book. Through examples, the book explores a wide range of applications and concludes by building real-world Python projects based on the concepts you have learned. What you will learn Get Python up and running on Windows, Mac, and Linux Write elegant, reusable, and efficient code in any situation Avoid common pitfalls like duplication, complicated design, and over-engineering Understand when to use the functional or object-oriented approach to programming Build a simple API with FastAPI and program GUI applications with Tkinter Get an initial overview of more complex topics such as data persistence and cryptography Fetch, clean, and manipulate data, making efficient use of Python's built-in data structures Who this book is for This book is for everyone who wants to learn Python from scratch, as well as experienced programmers looking for a reference book. Prior knowledge of basic programming concepts will help you follow along, but it's not a prerequisite. Co-creation for Responsible Research and Innovation Alessandro Deserti 2021-09-16 This open access book summarizes research being pursued within the SISCO (Society in Innovation and Science through CO-Design) project, funded by the EU under the H2020 programme, the goal of which is to set up an analytical, reflective and learning framework to explore the transformations in initiatives and policies emerging from the interaction between citizens and stakeholders. The book provides a critical analysis of the co-design processes activated in 10 co-creation labs addressing societal challenges across Europe. Each lab as a case study of real-life experimentation is described through its journey, starting from the purpose on the ground of the experimentation and the challenge addressed. Specific attention is then drawn on the role of policies and policy maker engagement. Finally, the experimentation is enquired in terms of its output, transformations triggered within the organization and the overall ecosystem, and its outcomes, opening the reasoning towards the lessons learnt and reflections that the entire co-creation journey brought.

EMOOCs 2021 Julien Jacqmin From June 22 to June 24, 2021, Hasso Plattner Institute, Potsdam, hosted the seventh European MOOC Stakeholder Summit (EMOOCs 2021) together with the eighth

ACM Learning@Scale Conference. Due to the COVID-19 situation, the conference was held fully online. The boost in digital education worldwide as a result of the pandemic was also one of the main topics of this year's EMOOCs. All institutions of learning have been forced to transform and redesign their educational methods, moving from traditional models to hybrid or completely online models at scale. The learnings, derived from practical experience and research, have been explored in EMOOCs 2021 in six tracks and additional workshops, covering various aspects of this field. In this publication, we present papers from the conference's Experience Track, the Policy Track, the Business Track, the International Track, and the Workshops.

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

Self-Driving Vehicles and Enabling Technologies 2021-09-22 This book examines the development and technical progress of self-driving vehicles in the context of the Vision Zero project from the European Union, which aims to eliminate highway system fatalities and serious accidents by 2050. It presents the concept of Autonomous Driving (AD) and discusses its applications in transportation, logistics, space, agriculture, and industrial and home automation.

America: Unite or Die Douglas E. Schoen 2021-12-21 WHAT AMERICA MUST DO TO ACHIEVE UNITY AND SAVE OUR DEMOCRACY AMERICA: UNITE OR DIE is a real-time analysis of why American Democracy is crumbling and why both sides - Republicans and Democrats - are responsible for its collapse. This is the first objective, nonpartisan analysis of what has happened, and most importantly, explains what we can do to avoid impending doom for our system, and most of all, our nation. ONE NATION, INDIVISIBLE? America is the only country in the history of the world founded on an idea—and that idea is liberty. It's an idea that resulted in the most flourishing citizenry in human history, but today that idea is under attack, not just from foreign adversaries but from within as the extreme right of the Republican Party and extreme left of the Democratic Party move further and further apart. These dangerous, corrosive positions pose a serious threat to the

foundations of American democracy as we now face: · A political class that has lost touch with mainstream America. · Public loss of trust in the institutions of democracy. · The rise and mobilization of extremism on the right and left, both threatening violence. · The rise of social media, websites, and cable TV news that splinters audiences and creates alternate realities. · Inequality of opportunity that creates a two-tiered society of haves and have-nots. · Anti-democratic regimes ruling China and Russia that threaten freedom around the world. In an era of growing distrust, demonization, and hatred, as we live America's tragic 'Tale of Two Cities,' our most inspired turn is to embrace the idea engendered in a true symbol of American democracy: the mighty woman with a torch, 'the Statue of Liberty Enlightening the World': "Give me your tired, your poor/ Your huddled masses yearning to breathe free". When citizens who work hard and play by the rules believe they have no shot at the American Dream — or conclude that the American values, identity, and the principles they grew up with are vanishing — a giant question mark hangs over the future of our democracy. If we hope to preserve our democracy, both sides must start by reaffirming their belief in the democratic principles of America so they can move from the fringes to the moderate middle-of-the-road positions that millions of Americans embrace. AMERICA: UNITE OR DIE is an inspired plan to turn the Divided States of America into the Reunited State of America. "America: Unite or Die is a must-read for anyone interested in politics and governing or in the current dysfunction of our political system. Douglas Schoen and Carly Cooperman are great scholars and practitioners of American politics. They are two of the country's finest pollsters and strategists who have seen it all—from advising presidents in the White House to analyzing the voters in the precincts across America. The polarization in this country today is explained clearly. Every citizen who cares about this extraordinary country of ours should read this book and be enlightened about what's going on around them." —Ed Rollins, former assistant to President Reagan for political and governmental affairs, and former co-chairman to the National Republican Congressional Committee

Machine Learning for Time-Series with

Python Ben Auffarth 2021-10-29 Get better insights from time-series data and become proficient in model performance analysis Key Features Explore popular and modern machine learning methods including the latest online and deep learning algorithms Learn to increase the accuracy of your predictions by matching the right model with the right problem Master time series via real-world case studies on operations management, digital marketing, finance, and healthcare Book Description The Python time-series ecosystem is huge and often quite hard to get a good grasp on, especially for time-series since there are so many new libraries and new models. This book aims to deepen your understanding of time series by providing a comprehensive overview of popular Python time-series packages and help you build better predictive systems. Machine Learning for Time-Series with Python starts by re-introducing the basics of time series and then builds your understanding of traditional autoregressive models as well as modern non-parametric models. By observing practical examples and the theory behind them, you will become confident with loading time-series datasets from any source, deep learning models like recurrent neural networks and causal convolutional network models, and gradient boosting with feature engineering. This book will also guide you in matching the right model to the right problem by explaining the theory behind several useful models. You'll also have a look at real-world case studies covering weather, traffic, biking, and stock market data. By the end of this book, you should feel at home with effectively analyzing and applying machine learning methods to time-series. What you will learn Understand the main classes of time series and learn how to detect outliers and patterns Choose the right method to solve time-series problems Characterize seasonal and correlation patterns through autocorrelation and statistical techniques Get to grips with time-series data visualization Understand classical time-series models like ARMA and ARIMA Implement deep learning models, like Gaussian processes, transformers, and state-of-the-art machine learning models Become familiar with many libraries like Prophet, XGboost, and TensorFlow Who this book is for This book is ideal for data analysts, data scientists, and Python

developers who want instantly useful and practical recipes to implement today, and a comprehensive reference book for tomorrow. Basic knowledge of the Python Programming language is a must, while familiarity with statistics will help you get the most out of this book.

Advances in Data and Information Sciences Shailesh Tiwari 2022 This book gathers a collection of high-quality peer-reviewed research papers presented at the 3rd International Conference on Data and Information Sciences (ICDIS 2021), held at Raja Balwant Singh Engineering Technical Campus, Agra, India, on May 14 15, 2021. In chapters written by leading researchers, developers, and practitioner from academia and industry, it covers virtually all aspects of computational sciences and information security, including central topics like artificial intelligence, cloud computing, and big data. Highlighting the latest developments and technical solutions, it will show readers from the computer industry how to capitalize on key advances in next-generation computer and communication technology.

2020-2021 High School Senior College & Career Workbook Donovan Thomas 2020-03-17 The 2020 - 2021 High School Senior College & Career Workbook was designed to help high school seniors manage their busy schedule efficiently, provide a guide to navigate their way through the process of applying for college and to create a plan they can implement successfully after high school, if they do not plan to go to college. By using the HS Senior Workbook students will be able to balance their schoolwork, extracurricular activities at school, chores at home and any part-time job they have. Students who have work experience or who have experience volunteering are encouraged to use the Student Career Guide. The Student Career Guide provides students with an example on how to organize their work experience and volunteer experience into a resume. It also has examples of how to write a cover letter and a thank you letter, which are valuable to have when interviewing for a job. Students should discuss their plan for college and their career goal with their parents and school Guidance Counselors.

Blended Smoothies Sita Pendurthi 2021-03-26 Blended Smoothies is a quick start guide to get

the fastest results you want. Make a change in diet, lose weight and get healthy. This is a real program made with natural ingredients that are backed by solid nutritional science. These proven meal-replacement smoothie recipes will work with real people. It is easy and possible. Eating behaviour is dictated by a complex interaction between physiology, environment, psychology, culture, socio-economic factors and genetics that are not fully understood. This book provides an overview of a behavioural lifestyle intervention for obesity management along with an energy- and fat-restricted diet and a physical activity prescription that ranges from moderate to vigorous intensity. The main objective of this edition is to focus on macronutrient composition, meal replacements, and more novel dietary approaches such as reducing dietary variety and energy density to help weight loss. Meal replacement dietary prescription is a portion-controlled recipe in a liquid or a solid form. Regardless of the form, meal replacements are a successful tool to promote weight loss. It is considered to be a partial meal replacement prescription because a meal replacement is used for two meals and one meal includes conventional foods as determined by the self. Diets using meal replacements have been used to increase dietary adherence to an energy restricted low-fat diet. One challenge in adherence to any dietary prescription is consuming foods of appropriate portion size to meet the prescribed dietary goals, as weighing and measuring all foods and beverages consumed is burdensome to participants. Here in this book, I have taken utmost care in using meal replacements and assisting with portion control which may increase success at reducing intake to assist in weight loss. Besides, assisting in portion control meal replacements may aid in reducing energy intake by increasing the structure of the diet and enhance the ease of pre-planning meals and snacks – an important behavioural strategy. Followers of this prescription will find significant improvements in physical functioning, general health, vitality, mental health as well as an increased cognitive restraint of eating, reduced disinhibition and reduced hunger with no serious adverse events. Review: I found this wellness diet recipe compilation hugely informative. As a doctor who has been battling weight issues for

decades I have tried every diet I could. Finally I realized that it is only a long term sustainable lifestyle modification that works. Substituting a healthy smoothie for a meal is definitely very doable long term for anyone whether a busy professional or work from home adult or teenager. This book guides us from how to choose ingredients to how to blend them and then serve it. Really looking forward to trying these scrumptious blends AND getting healthy. - Dr. Sharon Krishna Rao, Therapeutic Endoscopist, Billroth Hospital, Chennai

Oracle 19c AutoUpgrade Best Practices

Sambaiah Sammeta 2021-11-30 Master Oracle's AutoUpgrade tool effectively to upgrade Oracle databases from lower versions to 19c. KEY FEATURES ● In-depth practical demonstration of Oracle database upgrades with various real-time scenarios. ● Step-by-step illustration of each Oracle database upgrade and downgrade method. ● Fastest ever multiple Oracle databases upgrade. DESCRIPTION 'Oracle 19c AutoUpgrade Best Practices' is a simple cookbook for database professionals to upgrade from lower versions to 19c or downgrade from 19c to lower versions This book is dedicated solely to demonstrate upgrading Oracle Databases to 19c by using AutoUpgrade tool. It has a very good explanation about different AutoUpgrade processing modes (Analyze, Fixup, Deploy, and Upgrade) and various stages that the AutoUpgrade job runs while performing database upgrade. Multiple chapters in this book covers various scenarios with detailed steps for upgrading Oracle database from versions 11g/12c/18c to version 19c and Downgrading from 19c to 11g/12c/18c. By the end of this book, every Oracle DBA can gain real-time experience and become a master in upgrading and downgrading oracle databases (Standalone, RAC, Standby) using AutoUpgrade Utility. WHAT YOU WILL LEARN ● Learn to use the Oracle database upgrade tool AutoUpgrade for various DB challenges. ● Understand how to convert a non-container database to a 19c pluggable database. ● Get to know how to upgrade multiple databases of different versions to 19c in a single operation. WHO THIS BOOK IS FOR This book is intended for Oracle DBA students, Database administrators, Database Architects and anyone else who want to improve their database upgrade

or downgrade skills in a concise and understandable manner. TABLE OF CONTENTS 1. Introduction to DB Upgrades 2. Upgrading Oracle Database from 11.2.0.4 to 19.9.0 Using dbupgrade (Manual) 3. Upgrading Oracle Database from 11.2.0.4 to 19.9.0 (Using AutoUpgrade) 4. Upgrading and Converting 12c non-CDB as 19c PDB 5. Upgrading Oracle Multitenant Database from 12c/18c to 19c 6. Upgrading and Converting 12c non-CDB as 19c PDB (using AutoUpgrade) 7. Upgrading Multiple Database Versions (11g/12c/18c) to 19c Using the Single AutoUpgrade Command

Bosnia and Herzegovina: 2022 Article IV Consultation-Press Release; Staff Report; and Statement by the Executive Director for Bosnia and Herzegovina

International Monetary Fund. European Dept. 2022-06-09 Bosnia and Herzegovina (BiH) is facing considerable challenges just as it has rebounded from the Covid-19 pandemic. Spillovers from the war in Ukraine are fueling inflation and weighing on domestic spending and external demand, while domestic political tensions are hampering economic policies and reforms.

Hungary: 2021 Article IV Consultation-Press Release; and Staff Report International Monetary Fund 2021-06-29 Hungary's economy entered the COVID-19 pandemic on a strong footing and the authorities responded swiftly and strongly to the crisis it triggered. While the lockdowns weighed heavily on activity, the fast vaccination pace is allowing an early relaxation of containment measures, and the economy has started to rebound.

2020 - 2021 High School Weekly Goal

Setting Planner Donovan Thomas 2020-03-15 The 2020 - 2021 High School Weekly Goal Setting Planner (the High School GS Planner) was designed for high school students in grades 9 through 11. The High School GS Planner is a combination of a goal setting guide and a weekly planner. It includes a Graduation Requirement Worksheet, a Student Self-Assessment Worksheet, a monthly calendar, a weekly planner and a Student Career Guide. Students should use the Graduation Requirement Worksheet to help them successfully complete the requirements for graduating. Students should use the Student Self-Assessment Worksheet to help them set goals they want to achieve and maximize their

high school experience. Students use the weekly planner to organize their daily activities and manage their time efficiently. Students should use the Student Career Guide to help them prepare of job interviews during the summer.

Luxembourg: 2021 Article IV Consultation-Press Release; Staff Report; and Statement by the Executive Director for Luxembourg

International Monetary Fund 2021-05-25 The economic impact of the pandemic has been much milder than initially foreseen, still the outlook remains challenging. The economy, dominated by financial services, adapted quickly to telework and benefited from unprecedented policy support, both domestically and globally. Uncertainty is unusually high, dominated by the virus dynamics in the short term, with downside risks relating to a sharp rise in global risk premia, deglobalization trends, and changes in international taxation.

American Jewish Year Book 2021 Arnold Dashefsky 2022 Across three centuries, AJYB has provided insight into major trends. Part I of the current volume contains two chapters on Jewish Americans in 2020 by the Pew Research Center, including reactions from 16 prominent social scientists. Subsequent chapters analyze the development of Holocaust consciousness in America, recent domestic and international events as they affect the American Jewish community, and the demography and geography of the US, Canada, and world Jewish populations. Part II provides lists of Jewish institutions, including federations, community centers, social service agencies, national organizations, camps, museums, and Israeli consulates. The final chapters present lists of Jewish periodicals and broadcast media, Jewish Studies programs, books, journals, articles, websites, research libraries, and academic conferences and lists of major events in the past year, Jewish honorees, and obituaries. This volume employs an accessible style, making it of interest to public officials, Jewish professional and lay leaders, as well as the general public and academic researchers. For more than 120 years the American Jewish Year Book has served as an indispensable resource for scholars, clergy, and lay leaders, providing crucial, detailed insights into demographic shifts and sociological trends in the North American Jewish community. The latest

edition continues to fulfill these important needs with essential articles on the landmark Pew Report and the impact of the Holocaust in the American Jewish community and American in general. This is a must-have volume for any serious student of the contemporary Jewish world. Jeffrey Shoulson, Senior Vice Provost for Academic Affairs, Professor of Literatures, Cultures, and Languages, and English, Director Emeritus Center for Judaic Studies and Contemporary Jewish Life, University of Connecticut The American Jewish Year Book is a critical snapshot of Jews and Jewish Studies in the United States in a particular year, and a valuable resource for scholars studying the changes in Jewish communities and Jewish Studies in the United States (and beyond!) over time. The AJYB highlights major publications and data that are consistently used in research, and its scholarly essays contextualize the information in an easily readable context. The lists of important institutions and organizations are invaluable for someone interested in the broader Jewish experience (or, at the most practical, a Jewish organization in their neighborhood!). Michelle Margolis Chesner, Norman E. Alexander Librarian for Jewish Studies, Columbia University. *Conservative Government Penal Policy*

2015-2021 Christopher David Skinns 2022-08-29 This book interrogates Conservative government penal policy for adult and young adult offenders in England and Wales between 2015 and 2021. Government penal policy is shown to have been often ineffective and costly, and to have revived efforts to push the system towards a disastrous combination of austerity, outsourcing and punishment that has exacerbated the penal crisis. This investigation has meant touching on topical debates dealing with the impact of resource scarcity on offenders' experiences of the penal system, the impact of an increasing emphasis on punishment on offenders' sense of justice and fairness, the balance struck between infection control and offender welfare during the government handling of the SARS-CoV-2 pandemic and why successive Conservative governments have intransigently pursued a penal policy that has proved crisis-exacerbating. The overall conclusion reached is that penal policy is too important to be left to governments alone and needs to be recalibrated by a one-off inquiry, complemented by an on-going advisory body capable of requiring governments to 'explain or change'. The book is distinctive in that it provides a critical review of penal policy change, whilst combining this with insights derived from the sociological analysis of penal trends.