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Fundamental Approaches to Software Engineering Heike Wehrheim 2020-04-20 This open access book constitutes the proceedings of the 23rd International Conference on Fundamental Approaches to Software Engineering, FASE 2020, which took place in Dublin, Ireland, in April 2020, and was held as Part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2020. The 23 full papers, 1 tool paper and 6 testing competition papers presented in this volume were carefully reviewed and selected from 81 submissions. The papers cover topics such as requirements engineering, software architectures, specification, software quality, validation, verification of functional and non-functional properties, model-driven development and model transformation, software processes, security and software evolution.

Strategic Innovative Marketing and Tourism Androniki Kavoura 2020-03-09 This book covers a very broad range of topics in marketing, communication, and tourism, focusing especially on new perspectives and technologies that promise to influence the future direction of marketing research and practice in a digital and innovational era. Among the areas covered are product and brand management, strategic marketing, B2B marketing and sales management, international marketing, business communication and advertising, digital and social marketing, tourism and hospitality marketing and management, destination branding and cultural management, and event marketing. The book comprises the proceedings of the International Conference on Strategic Innovative Marketing and Tourism (ICSIMAT) 2019, where researchers, academics, and government and industry practitioners from around the world came together to discuss best practices, the latest research, new paradigms, and advances in theory. It will be of interest to a wide audience, including members of the academic community, MSc and PhD students, and marketing and tourism professionals.

The The Go Workshop Delio D'Anna 2019-12-30 The Go Workshop takes you from being a novice Go programmer to a confident developer who can leverage the key features of the language to build real-world applications. This book helps you cut through excessive theory and delve into the practical features and techniques that are commonly applied to design performant, scalable applications.

Robot 2019: Fourth Iberian Robotics Conference Manuel F. Silva 2019-11-19 This book gathers a selection of papers presented at ROBOT 2019 – the Fourth Iberian Robotics Conference, held in Porto, Portugal, on November 20th–22nd, 2019. ROBOT 2019 is part of a series of conferences jointly organized by the SPR – Sociedade Portuguesa de Robótica (Portuguese Society for Robotics) and SEIDROB – Sociedad Española para la Investigación y Desarrollo en Robótica (Spanish Society for Research and Development in Robotics). ROBOT 2019 built upon several previous successful events, including three biannual workshops and the three previous installments of the Iberian Robotics Conference, and chiefly focused on presenting the latest findings and applications in robotics from the Iberian Peninsula, although the event was also open to research and researchers from other countries. The event featured five plenary talks on state-of-the-art topics and 16 special sessions, plus a main/general robotics track. In total, after a stringent review process, 112 high-quality papers written by authors from 24 countries were selected for publication.

Poems of Faith in the Garden of Hope & Grace Tracy Matarazzo 2020-03-18 God knew the deceitfulness of Satan and the outcome in the Garden of Eden; why then did He plant the Tree of the knowledge of good and evil? It is a question that has been asked for centuries. In her book, Poems of Faith in the Garden of Hope and Grace, the author writes in her first poem "Genesis", that God created all things good the way He envisioned it. He is omniscient—all knowing. God, the Creator, had the solution to mankind's fall before He established the universe. He knew He'd present Himself on the cross and destroy the work of the devil. These poems speak of God's hope and grace, how we can take our stand against the enemy and how one day He'll reestablish a new Paradise!

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

Forming Transnational Dispute Settlement Norms Shahla F. Ali 2021-05-28 This thought-provoking book examines whether regional centres associated with global legal institutions facilitate expanded citizen engagement in global soft law making. Through an analysis of empirical research into the role of decentralized soft law making in the East Asian region, it investigates the influence of such regional centres in overcoming representational deficits in the design of cross-border dispute settlement norms.

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Getting Started with Istio Service Mesh Rahul Sharma 2019-12-05 Build an in-depth understanding of the Istio service mesh and see why a service mesh is required for a distributed application. This book covers the Istio architecture and its features using a hands-on approach with language-neutral examples. To get your Istio environment up and running, you will go through its setup and learn the concepts of control plane and data plane. You will become skilled with the new concepts and apply them with best practices to continuously deliver applications. What You Will Learn Discover the Istio architecture components and the Envoy proxyMaster traffic management for service routing and application deploymentBuild application resiliency using timeout, circuit breakers, and connection poolsMonitor using Prometheus and GrafanaConfigure application security Who This Book Is For Developers and project managers who are trying to run their application using Kubernetes. The book is not specific for any programming language even though all examples will be in Java or Python.

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GST Act (Make it Simple) by AUBSP Suresh Prasad July 2022 Edition of this digital book is updated till 5th July 2022 including amendments made by the Finance Act, 2022. I prepared this E-Book on GST for the help of students and professionals who may access it as per their convenience while working on the desk or on the move through their computer, laptop, tablet, iPad, mobile etc. I am very confident that this E-Book would be of immense help to Chartered Accountants, Cost

Accountants and Company Secretaries in carrying out their professional assignments and CA/CS/CMA students in preparing for their coming ICAI exams, ICSI exams and ICWAI examinations. There are mainly two types of GST viz. Central GST and State GST. For transaction within a State, there are two components of GST Central GST (CGST) and State GST (SGST) being levied on the value of goods and services. In case of inter-state transactions, the Centre would levy and collect the Integrated GST (IGST). The IGST would roughly be equal to CGST plus SGST. Central Government levied CGST for intra-State supply and IGST for inter-State supply. State Governments including Union Territories with legislatures levied SGST or Union territories without legislatures levied UTGST for intra-State supply. The Goods and Services Tax (GST) has simplified indirect tax in India. Previously, the indirect tax structure comprises of so many different taxes levied by the Central Government (Central Excise duty, Additional duties of excise, Additional duties of customs, Service Tax) and taxes levied by the various State Governments (State VAT / Sales Tax, Central Sales Tax, Purchase Tax, Entertainment Tax, Luxury Tax, Entry Tax, Taxes on lottery, betting & gambling). But now almost all Indirect Taxes unified as GST across the country on Goods and Services. However, Basic Customs Duty, Export Duty, Toll Tax, Road and Passenger Tax, Electricity Duty, Stamp Duty and Property Tax has not been subsumed in GST. Disclaimer: Although we endeavour to provide accurate and updated information, there can be no guarantee that such information is accurate as of the date it is received or that it will continue to be accurate in the future. Accordingly, we accept no responsibility for any omission or errors it may contain, whether caused by negligence or otherwise, or for any loss, however caused, or sustained by any person that relies on it. Hence, the users are advised to cross check with the original Act, Rules, Orders, Circulars, Notifications and Amendments before acting upon this E-Book.

Education, Music, and the Lives of Undergraduates Roger Mantie 2020-12-10 The undergraduate years are a special time of life for many students. They are a time for study, yes, but also a time for making independent decisions over what to do beyond formal education. This book is based on a nine-year study of collegiate a cappella - a socio-musical practice that has exploded on college campuses since the 1990s. A defining feature of collegiate a cappella is that it is a student-run leisure activity undertaken by undergraduate students at institutions both large and small, prestigious and lower-status. With rare exceptions, participants are not music majors yet many participants interviewed had previous musical experience both in and out of school settings. Motivations for staying musically involved varied considerably - from those who felt they could not imagine life without a musical outlet to those who joined on a whim. Collegiate a cappella is about much more than singing cover songs. It sustains multiple forms of inequality through its audition practices and its performative enactment of gender and heteronormativity. This book sheds light on how undergraduates conceptualize vocation and avocation within the context of formal education, holding implications for educators at all levels.

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IBM Spectrum Discover: Metadata Management for Deep Insight of Unstructured Storage Joseph Dain 2019-10-01 This IBM® Redpaper publication provides a comprehensive overview of the IBM Spectrum® Discover metadata management software platform. We give a detailed explanation of how the product creates, collects, and analyzes metadata. Several in-depth use cases are used that show examples of analytics, governance, and optimization. We also provide step-by-step information to install and set up the IBM Spectrum Discover trial environment. More than 80% of all data that is collected by organizations is not in a standard relational database. Instead, it is trapped in unstructured documents, social media posts, machine logs, and so on. Many organizations face significant challenges to manage this deluge of unstructured data such as: Pinpointing and activating relevant data for large-scale analytics Lacking the fine-grained visibility that is needed to map data to business priorities Removing redundant, obsolete, and trivial (ROT) data Identifying and classifying sensitive data IBM Spectrum Discover is a modern metadata management software that provides data insight for petabyte-scale file and Object Storage, storage on premises, and in the cloud. This software enables organizations to make better business decisions and gain and maintain a competitive advantage. IBM Spectrum Discover provides a rich metadata layer that enables storage administrators, data stewards, and data scientists to efficiently manage,

classify, and gain insights from massive amounts of unstructured data. It improves storage economics, helps mitigate risk, and accelerates large-scale analytics to create competitive advantage and speed critical research.

Earth at Night, Our Planet in Brilliant Darkness, NP-2019-07-2739-HQ, 2019 2020

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

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A President's Daily Brief: Years 1-4 Micah Fisher-Kirshner

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.

Biomedical and Business Applications Using Artificial Neural Networks and Machine Learning Segall, Richard S. 2022-01-07 During these uncertain and turbulent times, intelligent technologies including artificial neural networks (ANN) and machine learning (ML) have played an incredible role in being able to predict, analyze, and navigate unprecedented circumstances across a number of industries, ranging from healthcare to hospitality. Multi-factor prediction in particular has been especially helpful in dealing with the most current pressing issues such as COVID-19 prediction, pneumonia detection, cardiovascular diagnosis and disease management, automobile accident prediction, and vacation rental listing analysis. To date, there has not been much research content readily available in these areas, especially content written extensively from a user perspective. Biomedical and Business Applications Using Artificial Neural Networks and Machine Learning is designed to cover a brief and focused range of essential topics in the field with perspectives, models, and first-hand experiences shared by prominent researchers, discussing applications of artificial neural networks (ANN) and machine learning (ML) for biomedical and business applications and a listing of current open-source software for neural networks, machine learning, and artificial intelligence. It also presents summaries of currently available open source software that utilize neural networks and machine learning. The book is ideal for professionals, researchers, students, and practitioners who want to more fully understand in a brief and concise format the realm and technologies of artificial neural networks (ANN) and machine learning (ML) and how they have been used for prediction of multi-disciplinary research problems in a multitude of disciplines.

Marketing and Smart Technologies Álvaro Rocha 2019-11-28 This book includes selected papers presented at the International Conference on Marketing and Technologies (ICMarkTech 2019), held at Maieutica Academic Campus (University Institute of Maia & Polytechnic Institute of Maia) in Maia, Portugal, from 27 to 29 November 2019. It covers up-to-date cutting-edge research on artificial intelligence applied in marketing, virtual and augmented reality in marketing, business intelligence databases and marketing, data mining and big data, marketing data science, web marketing, e-commerce and v-commerce, social media and networking, geomarketing and IoT, marketing automation and inbound marketing, machine learning applied to marketing, customer data management and CRM, and neuromarketing technologies.

Almanacco Astronomico 2019 Fabrizio Alberti

The Climate Change Phenomenon Shantanu Panigrahi 2021-08-19

This Book is the result of what the work of the author was summarised into in terms of the Environmental impact of human activities and how we humans must sort ourselves out to live to conserve, preserve and harmonise with all components of Nature in a wholesome and holistic approach before the catastrophe of widespread destruction of the Planet takes place. The phenomenon described incorporates all human activities including the religious basis of human conduct that is argued to be at the root cause of the problems that the inhabitants of the planet face in the present era.

CompTIA CySA+ Practice Tests Mike Chapple 2020-09-01 Efficiently prepare yourself for the demanding CompTIA CySA+ exam CompTIA CySA+ Practice Tests: Exam CS0-002, 2nd Edition offers readers the fastest and best way to prepare for the CompTIA Cybersecurity Analyst exam. With five unique chapter tests and two additional practice exams for a total of 1000 practice questions, this book covers topics including: Threat and Vulnerability Management Software and Systems Security Security Operations and Monitoring Incident Response Compliance and Assessment The new edition of CompTIA CySA+ Practice Tests is designed to equip the reader to tackle the qualification test for one of the most sought-after and in-demand certifications in the information technology field today. The authors are seasoned cybersecurity professionals and leaders who guide readers through the broad spectrum of security concepts and technologies they will be required to master before they can achieve success on the CompTIA CySA exam. The book also tests and develops the critical thinking skills and judgment the reader will need to demonstrate on the exam.

Daily Stock Price Record Standard and Poor's Corporation 1993-07
A President's Daily Brief: Year 3 Micah Fisher-Kirshner

What was daily life under the Trump presidency really like?

An accessible ebook with short, thematic entries showing the corruption of the Trump presidency, *A President's Daily Brief, Year 3: The Day-by-Day Lurch of Trump's Norm-Breaking Presidency* is the third in Micah Fisher-Kirshner's series, representing the third year 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.

EIB Working Papers 2019/07 - What firms don't like about bank loans: New evidence from survey data European Investment Bank 2019-10-15 We use the association between non-financial firms and their banks, an information available in the European Investment Bank Investment Survey (EIBIS), to disentangle the effects of borrowers' and lenders' financial weakness on the satisfaction with the loan contracted. The dataset matches survey data of non-financial firms about their satisfaction with bank lending with their financial data and the financial data of their banks. We find evidence of both demand and supply factors determining firm satisfaction with bank loan financing: non-financial firms with weaker finances and those financed by weaker banks are less satisfied with their bank financing. We also find that the impact of supply factors differs across regions within the EU: the effect of bank's financial weakness on borrower satisfaction is not significant in core countries but is in periphery countries.

Analyzing Financial Data and Implementing Financial Models Using R Clifford S. Ang 2021-06-23 This advanced undergraduate/graduate textbook teaches students in finance and economics how to use R to analyse financial data and implement financial models. It demonstrates how to take publically available data and manipulate, implement models and generate outputs typical for particular analyses. A wide spectrum of timely and practical issues in financial modelling are covered including return and risk measurement, portfolio management, option pricing and fixed income analysis. This new edition updates and expands upon the existing material providing updated examples and new chapters on equities, simulation and trading strategies, including machine learnings techniques. Select data sets are available online.

Abuse of Power Fred V. Lucas 2020-08-18 "That the Left tried to undo the results of the 2016 by whatever means necessary is not in doubt. Fred Lucas reminds us of the dangers this approach poses to constitutional government as he dissects what President Trump has rightly called one of the greatest hoaxes in our history." —Cal Thomas, syndicated columnist and bestselling author "A devastating and comprehensive takedown of Trump's impeachment, and a thoughtful look at the historical context of past impeachments, with strong reporting and research to combat the Left's inevitable rewrite of history." —Sara Carter, Fox News Contributor, award-winning correspondent, host of The Sara Carter Show podcast "Fred Lucas goes beyond the tribalism to the truth. There doesn't need to be any partisan spin here, because the facts of the coup the Democrats attempted speak for themselves." —Steve Deace, host of the Steve Deace Show on TheBlaze TV Abuse of Power exposes: • How Elizabeth Warren tried to set an impeachment trap for Trump even before the inauguration. • Why the depths of the Biden family's international conflict of interests are worthy of a federal investigation. • Why Nancy Pelosi caved to The Squad to remain leadership. • How Adam Schiff pushed Jerry Nadler out of the key spot to lead the impeachment. • How Democrats abandoned what would have been a crowning leftwing achievement in gun control legislation in order to pursue an impeachment that was destined to fail in the Senate. • How Mitt Romney's vote to convict likely prevent three moderate Democrats from rebelling against party leaders.

Python for Finance Yves Hilpisch 2018-12-05 The financial industry has recently adopted Python at a tremendous rate, with some of the largest investment banks and hedge funds using it to build core trading and risk management systems. Updated for Python 3, the second edition of this hands-on book helps you get started with the language, guiding developers and quantitative analysts through Python libraries and tools for building financial applications and interactive financial analytics. Using practical examples throughout the book, author Yves Hilpisch also shows you how to develop a full-fledged framework for Monte Carlo simulation-based derivatives and risk analytics, based on a large, realistic case study. Much of the book uses interactive IPython Notebooks.

MLI Made Easy Kuldeep Sharma 2021-04-22 The Multilateral Convention to Implement Tax Treaty Related Measures to Prevent Base Erosion and Profit Shifting (MLI) provides an innovative approach to enable countries to swiftly modify their bilateral tax treaties in order to implement measures developed in the course of the Base Erosion and Profit Shifting (BEPS) Project. MLI, the first successfully concluded multilateral tax treaty, provides jurisdictions with the tools they need to ensure that profits are taxed where economic activities generating the profits are performed, while at the same time giving businesses greater certainty. MLI Made Easy makes it easier to get a complete grasp of this swift but complex modification process of tax treaties. This first and only self-contained book offers an unmatched article-by-article discussion of the MLI with an abundance of practical examples, diagrams, and flowcharts to make the information easier to understand and apply. Focusing on measures to combat tax evasion and abuse of tax treaties arising due to artificial avoidance of a permanent establishment status, hybrid mismatch arrangements, and other aspects of taxation, the book includes an in-depth discussion of the following and more: how specific gaps in existing bilateral tax treaties are addressed by the MLI; positions taken by selected jurisdictions and their impact on treaties; compatibility clauses, notification clauses, opting-in mechanisms, alternative provisions, and reservations; experiences in the course of implementation of the MLI; misconceptions and lingering doubts in respect of various substantive and procedural provisions of the MLI; interaction between the principal purpose test and simplified limitation on benefits; improving dispute resolution; and meaning of the phrases 'on or after', 'other taxes', and interpretational issues in entry into effect provisions. Adopted by a majority of jurisdictions worldwide, MLI preserves the tax sovereignty of its Parties and has been successful in overcoming barriers to the conclusion of a worldwide multilateral tax treaty. Because this easy-to-use book immensely facilitates understanding and application of the treaty measures developed in the course of the BEPS Project, it will be of immeasurable use to practitioners and other professionals engaging in international taxation, as well as to taxation authorities and interested academics in any part of the world.

American Ingrate Benjamin Weingarten 2020-03-17 She says that America was "founded by the genocide of indigenous people and on the backs of slaves," and that "ignorance really is pervasive" among

Americans today. She says America must "dismantle" capitalism and "demilitarize" U.S. foreign policy, which she sees "from the perspective of a foreigner," tweeting "thousands of Somalis [were] killed by...American forces...#NotTodaySatan." She says American support for Israel is "all about the Benjamins baby;" and that American Jews disloyally pledge "allegiance" to Israel's "apartheid...regime," which has "hypnotized the world." She says of the 9/11 attacks: "some people did something." Shockingly, Congresswoman Ilhan Omar's (D-MN) words merely scratch the surface of her hatred of America—and the West—and divert our gaze from the nefarious actions she is taking to sabotage it from within. American Ingrate is the defining book on the size, scope, and nature of the threat posed by Representative Omar—the personification of the anti-American Left-Islamist nexus—heightened by her hidden collusion with like-minded adversaries foreign and domestic, and alleged criminality and corruption. This is a clarion wakeup call to the dangers epitomized by Rep. Omar. For she is not merely a lone radical in Congress, but the archetype of the new Democratic Party—and a uniquely dangerous figure at the heart of a uniquely dangerous challenge to America.

Advances in Monitoring, Modeling and Managing Induced Seismicity Francesco Grigoli 2022-02-18
Trump, Twitter, and the American Democracy Yu Ouyang 2020-07-31 This book takes a social science approach to address two related questions: (1) what does Donald Trump say on Twitter? and (2) why? Since entering the 2016 Presidential Election, Donald Trump's tweets have been a major part of his communications strategy with the public. While the popular media has devoted considerable attention to selected tweets, it is less clear what those selected tweets tell us about Trump the businessman, the political candidate, and, finally, the President of the United States. We argue that to fully understand Trump, we must take a more comprehensive approach to examining all of his activities on Twitter. Overall, our analysis presents a strikingly complex picture of Trump and how he uses Twitter. Not only has his pattern of tweets changed over time, we find that Trump's use of Twitter is more deliberate than he has been given credit. Like most other politicians, Trump is strategically-minded about his presence on social media.
Deep Learning with C#, .Net and Kelp.Net Cole Matt R. 2019-09-20 Get hands on with Kelp.Net, Microsoft's latest Deep Learning frameworkKey features Deep Learning Basics The ultimate Kelp.Net reference guide Develop state of the art deep learning applications C# deep learning code Develop advanced deep learning models with minimal code Develop your own advanced deep learning models Loading and Saving Deep Learning Models Comprehensive Kelp.Net reference Sample Deep Learning Models and Tests penCL Reference Easily add deep learning to your applications Many sample models and tests Intuitive and user friendly Description Deep Learning with Kelp.Net is the ultimate reference for C# .Net developers who are passionate about deep learning. Readers will learn all the skills necessary to develop powerful, scalable and flexible deep learning models from a fluid and easy to use API. Upon completing the book the reader will have all the tools necessary to add powerful deep learning capabilities to their new or existing applications.What will you learn In-depth knowledge of Kelp.Net How to develop deep learning models C# deep learning programming Open-Computing Language (OpenCL) Loading and saving deep learning models How to develop and use activation functions How to test deep learning modelsWho this book is for This book targets C# .Net developers who are passionate about deep learning yet want to do so from an easy and intuitive API.Table of contents1. Introduction2. ML/DL Terms and Concepts3. Deep Instrumentation4. Kelp.Net Reference5. Loading and Saving Models6. Model Testing and Training7. Sample Deep Learning Tests8. Creating Your Own Deep Learning Tests9. Appendix A: Evaluation Metrics10. Appendix B: OpenCL About the authorMatt R. Cole is a seasoned developer and published author with over 30 years' experience in Microsoft Windows, C, C++, C# and .Net. Matt is the owner of Evolved AI Solutions, a premier provider of advanced Machine Learning/Bio-AI technologies. Matt developed the first enterprise grade MicroService framework written completely in C# and .Net, which is used in production by a major hedge fund in NYC. Matt also developed the first Bio Artificial Intelligence framework which completely integrates mirror and canonical neurons. He continues to push the limits of Machine Learning, Biological Artificial Intelligence, Deep Learning and MicroServices. In his spare time Matt loves to continue his education and contribute to open source efforts such as Kelp.Net. His Website: www.evolvedaisolutions.comHis LinkedIn Profile: https://www.linkedin.com/in/evolvedai/His Blog:

https://evolvedaisolutions.com/blog.html
Odisha Society of Americas Golden Jubilee Convention Convener's Report Odisha Society Odisha Society of Americas Golden Jubilee Convention Convener's Report
Mongolia International Monetary Fund. Asia and Pacific Dept 2019-09-17 This 2019 Article IV Consultation with Mongolia discusses that economy growth accelerated to 8.6 percent in the first quarter of 2019, over fiscal balance turned into surplus in 2018, and gross international reserves have increased by $2 1/2 billion since 2016. The recovery stems from a stronger policy framework, significant official financing and a rebound in external demand. Notwithstanding the progress, Mongolia remains vulnerable to external shocks given its high debt levels and the economy's dependence on mineral exports. Structural reforms progressed in several key areas: the budget process is more resilient to political pressure and quasi-fiscal activities were curtailed. In order to achieve sustainable and inclusive growth, it is necessary to advance the current reform efforts by strengthening the rule-based fiscal policy framework, ensuring financial sector soundness and improving governance. Risks are tilted toward the downside in the near term. Shocks to mineral demand can lead to sharp fall in exports, weakening growth outlook and fiscal accounts. A slowdown in growth could trigger financial instability given still inadequate capital buffers at some banks and overindebted households.
The New Frontiers of Earthquake Early Warning Systems Simona Colombelli 2022-02-21
Data Pipelines with Apache Airflow Julian de Ruiter 2021-04-05 "An Airflow bible. Useful for all kinds of users, from novice to expert." - Rambabu Posa, Sai Aashika Consultancy Data Pipelines with Apache Airflow teaches you how to build and maintain effective data pipelines. A successful pipeline moves data efficiently, minimizing pauses and blockages between tasks, keeping every process along the way operational. Apache Airflow provides a single customizable environment for building and managing data pipelines, eliminating the need for a hodgepodge collection of tools, snowflake code, and homegrown processes. Using real-world scenarios and examples, Data Pipelines with Apache Airflow teaches you how to simplify and automate data pipelines, reduce operational overhead, and smoothly integrate all the technologies in your stack. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Data pipelines manage the flow of data from initial collection through consolidation, cleaning, analysis, visualization, and more. Apache Airflow provides a single platform you can use to design, implement, monitor, and maintain your pipelines. Its easy-to-use UI, plug-and-play options, and flexible Python scripting make Airflow perfect for any data management task. About the book Data Pipelines with Apache Airflow teaches you how to build and maintain effective data pipelines. You'll explore the most common usage patterns, including aggregating multiple data sources, connecting to and from data lakes, and cloud deployment. Part reference and part tutorial, this practical guide covers every aspect of the directed acyclic graphs (DAGs) that power Airflow, and how to customize them for your pipeline's needs. What's inside Build, test, and deploy Airflow pipelines as DAGs Automate moving and transforming data Analyze historical datasets using backfilling Develop custom components Set up Airflow in production environments About the reader For DevOps, data engineers, machine learning engineers, and sysadmins with intermediate Python skills. About the author Bas Harenslak and Julian de Ruiter are data engineers with extensive experience using Airflow to develop pipelines for major companies. Bas is also an Airflow committer. Table of Contents PART 1 - GETTING STARTED 1 Meet Apache Airflow 2 Anatomy of an Airflow DAG 3 Scheduling in Airflow 4 Templating tasks using the Airflow context 5 Defining dependencies between tasks PART 2 - BEYOND THE BASICS 6 Triggering workflows 7 Communicating with external systems 8 Building custom components 9 Testing 10 Running tasks in containers PART 3 - AIRFLOW IN PRACTICE 11 Best practices 12 Operating Airflow in production 13 Securing Airflow 14 Project: Finding the fastest way to get around NYC PART 4 - IN THE CLOUDS 15 Airflow in the clouds 16 Airflow on AWS 17 Airflow on Azure 18 Airflow in GCP
Exercises for Programming in C++ (Version 2021-04-01) Michael D. Adams 2021-04-01 This book presents a large collection of exercises for learning to program in C++. A study plan for learning C++ based on a collection of video lectures and supplemental reading is also provided.
Advances in Managing Energy and Climate Risks Stéphane Goutte 2021-04-21 This book presents research related to energy and environmental technologies in the context of market liberalization and

global warming. It focuses on the development and efficient use of alternative energy sources, implementation of sustainable energy policies, power generation, and energy finance. Advances in Managing Energy and Climate Risks provides readers with the necessary information to use energy sources more efficiently, discover cleaner energy sources and their applications, and urge consumers and producers to make changes to reach a carbon-neutral economy through financial, technological, regulatory and tax incentives.