Intelligent Solutions Llc

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Report of the Secretary of the Senate from April 1, 1998, to September 30, 1998 Springer Science & Business Media
Explore IoT, data analytics, and machine learning to solve cyber-physical problems using the latest capabilities of managed services such as AWS IoT Greengrass and Amazon SageMaker Key FeaturesAccelerate your next edge-focused product development with the power of AWS IoT GreengrassDevelop proficiency in architecting resilient solutions for the edge with proven best practicesHarness the power of analytics and machine learning for solving cyber-physical problemsBook Description The Internet of Things (IoT) has transformed how people think about and interact with the world. The ubiquitous deployment of sensors around us makes it possible to study the world at any level of accuracy and enable data-driven decision-making anywhere. Data analytics and machine learning (ML) powered by elastic cloud computing have accelerated our ability to understand and analyze the huge amount of data generated by IoT. Now, edge computing has brought information technologies closer to the data source to lower latency and reduce costs. This book will teach you how to combine the technologies of edge computing, data analytics, and ML to deliver next-generation cyber-physical outcomes. You'll begin by discovering how to create software applications that run on edge devices with AWS IoT Greengrass. As you advance, you'll learn how to process and stream IoT data from the edge to the cloud and use it to train ML models using Amazon SageMaker. The book also shows you how to train these models and run them at the edge for optimized performance, cost savings, and data compliance. By the end of this IoT book, you'll be able to scope your own IoT workloads, bring the power of ML to the edge, and operate those workloads in a production setting. What you will learnBuild an end-to-end IoT solution from the edge to the cloudDesign and deploy multi-faceted intelligent solutions on the edgeProcess data at the edge through analytics and MLPackage and optimize models for the edge using Amazon SageMakerImplement MLOps and DevOps for operating an edge-based solutionOnboard and manage fleets of edge devices at scaleReview edge-based workloads against industry best practicesWho this book is for This book is for IoT architects and software engineers

responsible for delivering analytical and machine learning–backed software solutions to the edge. AWS customers who want to learn and build IoT solutions will find this book useful. Intermediate-level experience with running Python software on Linux is required to make the most of this book.
Black Ops Vault Reports Incorporated
The Explosive National Bestseller A memoir by the highest-ranking covert warrior to lift the veil of secrecy and offer a glimpse into the shadow wars that America has fought since the Vietnam Era. Enrique Prado found himself in his first firefight at age seven. The son of a middle-class Cuban family caught in the midst of the Castro Revolution, his family fled their war-torn home for the hope of a better life in America. Fifty years later, the Cuban refugee retired from the Central Intelligence Agency as the CIA equivalent of a two-star general. Black Ops is the story of Ric's legendary career that spanned two eras, the Cold War and the Age of Terrorism. Operating in the shadows, Ric and his fellow CIA officers fought a little-seen and virtually unknown war to keep USA safe from those who would do it harm. After duty stations in Central, South America, and the Philippines, Black Ops follows Ric into the highest echelons of the CIA's headquarters at Langley, Virginia. In late 1995, he became Deputy Chief of Station and co-founding member of the Bin Laden Task Force. Three years later, after serving as head of Korean Operations, Ric took on one of the most dangerous missions of his career: to re-establish a once-abandoned CIA station inside a hostile nation long since considered a front line of the fight against Islamic terrorism. He and his team carried out covert operations and developed assets that proved pivotal in the coming War on Terror. A harrowing memoir of life in the shadowy world of assassins, terrorists, spies and revolutionaries, Black Ops is a testament to the courage, creativity and dedication of the Agency's Special Activities Group and its elite shadow warriors.
Talking to Siri Springer Science & Business Media
Serverless computing is radically changing the way we build and deploy applications. With cloud providers running servers and managing machine resources, companies now can focus solely on the application's business logic and functionality. This hands-on book shows experienced programmers how to build and deploy scalable machine learning and deep learning models using serverless architectures with Microsoft Azure. You'll learn step-by-step how to code machine learning into your projects using Python

and pre-trained models that include tools such as image recognition, speech recognition, and classification. You'll also examine issues around deployment and continuous delivery including scaling, security, and monitoring. This book is divided into four parts: Cloud-based development: learn the basics of serverless computing with machine learning, functions as a service (FaaS), and the use of APIs Adding intelligence: create serverless applications using Azure Functions; learn how to use pre-built machine-learning and deep-learning models Deployment and continuous delivery: get up to speed with Azure Kubernetes Service, as well as Azure Security Center, and Azure Monitoring Application examples: deliver data at the edge, build conversational interfaces, and use convolutional neural networks for image classification

Intelligent Quote to Cash Greenleaf Book Group

The business to business trade publication for information and physical Security professionals.

The Business Year: Dubai 2020 EG BG Services LLC

In this 3rd edition, Vault brings its well-known journalistic approach to offer insider information on what it's like to work in top technology consulting. Covering 35 firms, including AMS, Computer Sciences Corporation, Electronic Data Systems, and IBM Global Services, it provides the skinny on workplace culture, compensation, diversity, hiring, and recent news. Based on interviews and surveys of actual employees.

Springer Science & Business Media

What differentiates good organizations from bad? The good ones are those that take advantage of the data they already have and use the feedback that business intelligence gives them to improve their processes. SharePoint is now the delivery platform of choice for Microsoft's business intelligence products, and in this book we reveal how to get the most from developing business intelligence solutions on SharePoint 2010. To understand the various business intelligence offerings in SharePoint 2010, you need to understand the core SQL Server business intelligence concepts, and the first part of the book presents a comprehensive tutorial on those fundamentals. Pro SharePoint 2010 Business Intelligence Solutions then focuses on specific SharePoint business intelligence investments including: Visio Services Excel Services SQL Server Reporting Services Business Connectivity Services PerformancePoint Services All of this is done using a practical, hands-on format, with enough examples to empower you to use these products in your real-life projects. As compelling as SharePoint and SQL Server business intelligence are together, the challenge always has been finding people who understand both SharePoint and SQL Server well enough to deliver such business intelligence solutions. With this book in hand, you become part of that select group.

T Bytes Platforms & Applications Pro SharePoint 2010 Business Intelligence Solutions

To get ahead in today's hyper-competitive marketplace, your business has to take advantage of the data you already have and mine that data to give you new insight, metrics, and clues to what drives successful customer interactions. In Pro SharePoint 2013 Business Intelligence Solutions, you'll learn exactly how to unlock that magic, build business intelligence facilities on SharePoint, and glean insights from data to propel your business to the next level. To understand the various business intelligence offerings in SharePoint 2013, you need to understand the core SQL Server business intelligence concepts, and the first part of the book presents a comprehensive tutorial on those fundamentals. Pro SharePoint 2013 Business Intelligence Solutions then focuses on specific

SharePoint business intelligence investments including: Visio Services Excel Services SQL Server Reporting Services Business Connectivity Services Power View and PerformancePoint Services Authors Manpreet Singh, Sha Anandan, Sahil Malik, and Steve Wright walk you through all of this material comprehensively in practical, hands-on format, with plenty of examples to empower you to use these products in your real-life projects. As compelling as SharePoint and SQL Server business intelligence are together, the challenge always has been finding people who understand both SharePoint and SQL Server well enough to deliver such business intelligence solutions. With this book in hand, you become part of that select group. Get your copy of Pro SharePoint 2013 Business Intelligence Solutions today!

Graphic Go Algorithms "O'Reilly Media, Inc."

For leaders at all levels, a new system for building "change intelligence" — and for creating results that matter at all levels of your organization

Building Intelligent Cloud Applications Apress

Industrial Agents explains how multi-agent systems improve collaborative networks to offer dynamic service changes, customization, improved quality and reliability, and flexible infrastructure. Learn how these platforms can offer distributed intelligent management and control functions with communication, cooperation and synchronization capabilities, and also provide for the behavior specifications of the smart components of the system. The book offers not only an introduction to industrial agents, but also clarifies and positions the vision, on-going efforts, example applications, assessment and roadmap applicable to multiple industries. This edited work is guided and co-authored by leaders of the IEEE Technical Committee on Industrial Agents who represent both academic and industry perspectives and share the latest research along with their hands-on experiences prototyping and deploying industrial agents in industrial scenarios. Learn how new scientific approaches and technologies aggregate resources such next generation intelligent systems, manual workplaces and information and material flow system Gain insight from experts presenting the latest academic and industry research on multi-agent systems Explore multiple case studies and example applications showing industrial agents in a variety of scenarios Understand implementations across the enterprise, from low-level control systems to autonomous and collaborative management units

Graphic C# Algorithms Apress

As technology continues to become more sophisticated, a computer's ability to understand, interpret, and manipulate natural language is also accelerating. Persistent research in the field of natural language processing enables an understanding of the world around us, in addition to opportunities for manmade computing to mirror natural language processes that have existed for centuries. Natural Language Processing: Concepts, Methodologies, Tools, and Applications is a vital reference source on the latest concepts, processes, and techniques for communication between computers and humans. Highlighting a range of topics such as machine learning, computational linguistics, and semantic analysis, this multi-volume book is ideally designed for computer engineers, computer and software developers, IT professionals, academicians, researchers, and upper-level students seeking current research on the latest trends in the field of natural language processing.

ALGORITHMS OF THE INTELLIGENT WEB EG BG Services LLC

Discover how graph algorithms can help you leverage the relationships within your data to develop more intelligent solutions and enhance your algorithms. You'll learn how graph analytics are uniquely suited to unfold complex structures and reveal difficult-to-find patterns lurking in your data. this book illustrates how graph algorithms deliver data structure and algorithmsThis practical

book walks you through hands-on examples of how to use graph algorithms in C#. Learn how graph analytics vary from conventional algorithms analysisUnderstand how classic graph algorithms work, and how they are appliedExplore algorithm examples with working code and sample dada.The complexity of life, because they do not understand to simplify the complex, simple is the beginning of wisdom. From the essence of practice, this book to briefly explain the concept and vividly cultivate programming interest, you will learn it easy, fast and well

INTELLIGENT AUTOMATION Government Printing Office

This book describes the application of modern information technology to reservoir modeling and well management in shale. While covering Shale Analytics, it focuses on reservoir modeling and production management of shale plays, since conventional reservoir and production modeling techniques do not perform well in this environment. Topics covered include tools for analysis, predictive modeling and optimization of production from shale in the presence of massive multi-cluster, multi-stage hydraulic fractures. Given the fact that the physics of storage and fluid flow in shale are not well-understood and well-defined, Shale Analytics avoids making simplifying assumptions and concentrates on facts (Hard Data - Field Measurements) to reach conclusions. Also discussed are important insights into understanding completion practices and re-frac candidate selection and design. The flexibility and power of the technique is demonstrated in numerous real-world situations.

Intelligent Workloads at the Edge The Business Year

This book constitutes the refereed proceedings of the Second Symposium on Intelligence and Security Informatics, ISI 2004, held in Tucson, AZ, USA in June 2004. The 29 revised full papers and 12 revised short papers presented together with 6 extended abstracts of posters and 3 panel discussion summaries were carefully reviewed and selected for inclusion in the book. The papers are organized in topical sections on bioterrorism and disease informatics; data access, privacy, and trust management; data management and mining; deception detection; information assurance and infrastructure protection; monitoring and surveillance; security policies and evaluation; and social network analysis.

Deming and Goldratt Newnes

Special Features: Learning Elements: · How to create recommendations just like those on Netflix and Amazon· How to implement Google's Pagerank algorithm· How to discover matches on social-networking sites· How to organize the discussions on your favorite news group· How to select topics of interest from shared bookmarks· How to leverage user clicks· How to categorize emails based on their content· How to build applications that do targeted advertising· How to implement fraud detection About The Book: Algorithms of the Intelligent Web is an example-driven blueprint for creating applications that collect, analyze, and act on the massive quantities of data users leave in their wake as they use the web. You'll learn how to build Amazon- and Netflix-style recommendation engines, and how the same techniques apply to people matches on social-networking sites. See how click-trace analysis can result in smarter ad rotations. With a plethora of examples and extensive detail, this book shows you how to build Web 2.0 applications that are as smart as your users.

Industrial Agents IGI Global

Covers receipts and expenditures of appropriations and other funds.

T Bytes Digital Customer Experience Springer

"Life on earth is filled with many mysteries, but perhaps the most challenging of these is the nature of Intelligence." – Prof. Terrence J. Sejnowski, Computational Neurobiologist The main objective of this book is to create awareness about both the promises and the formidable challenges that the era of Data-Driven Decision-Making and Machine Learning are confronted with, and especially about how these new developments may influence the future of the financial industry. The subject of Financial Machine Learning has attracted a lot of interest recently, specifically because it represents one of the most challenging problem spaces for the applicability of Machine Learning. The author has used a novel approach to introduce the reader to this topic: The first half of the book is a readable and coherent introduction to two modern topics that are not generally considered together: the data-driven paradigm and Computational Intelligence. The second half of the book illustrates a set of Case Studies that are contemporarily relevant to quantitative trading practitioners who are dealing with problems such as trade execution optimization, price dynamics forecast, portfolio management, market making, derivatives valuation, risk, and compliance. The main purpose of this book is pedagogical in nature, and it is specifically aimed at defining an adequate level of engineering and scientific clarity when it comes to the usage of the term "Artificial Intelligence," especially as it relates to the financial industry. The message conveyed by this book is one of confidence in the possibilities offered by this new era of Data-Intensive Computation. This message is not grounded on the current hype surrounding the latest technologies, but on a deep analysis of their effectiveness and also on the author's two decades of professional experience as a technologist, quant and academic.

Report of the Secretary of the Senate from October 1, 1997, to March 31, 1998 John Wiley & Sons

Pro SharePoint 2010 Business Intelligence SolutionsApress

Intelligent Analysis Oxford University Press

*Includes a new Q&A with the creator of Siri! Sweet-talk Siri for iOS 7 into doing practically anything! Under iOS 7 and OS X Mavericks, Siri is better than ever: faster, smarter, more responsive. And it's even more amazing when you really know how to talk to it. Top Apple experts Sande and Sadun introduce you to the newest version of Siri. This release offers more functionality than you ever thought possible! You'll find tested step-by-step instructions for perfect results--including new Siri techniques and responses you won't discover anywhere else! Teach Siri to recognize requests and take dictation more accurately Help Siri recognize, track down, and connect with family and friends Transform Siri and iTunes Radio into your personal DJ (and tell Siri what songs you never want to hear again) Check Yelp or Rotten Tomatoes reviews and place OpenTable reservations Return calls, play specific voicemails, and check your email Make appointments, take notes, and set reminders Blog with Siri using email or text messaging Tweet updates and track up-to-the-minute Twitter trends Trigger reminders when you arrive at the supermarket, drugstore, or any other destination Retrieve up-to-the-minute sports stats Use Siri to control apps, access device settings, and enable Airplane mode Teach Siri how to pronounce names correctly Find the nearest store selling the products you need Answer math and science problems with Wolfram Alpha Make sure Siri responds only to you, not to an impostor Discover the silly side of Siri (including our top 10 Siri jokes)

Critical Issues for the Development of Sustainable E-health Solutions Que Publishing

Produce a fully functioning Intelligent System that leverages machine learning and data from user interactions to improve over time and achieve success. This book teaches you how to build an Intelligent System from end to end and leverage machine learning in practice. You will understand how to apply your existing skills in software engineering, data science, machine learning, management, and program management to produce working systems. Building Intelligent Systems is based on more than a decade of experience building Internet-scale Intelligent Systems that have hundreds of millions of user interactions per day in some of the largest and most important software systems in the world. What You'll Learn Understand the concept of an Intelligent System: What it is good for, when you need one, and how to set it up for success Design an intelligent user experience: Produce data to help make the Intelligent System better over time Implement an Intelligent System:

Execute, manage, and measure Intelligent Systems in practice Create intelligence: Use different approaches, including machine learning Orchestrate an Intelligent System: Bring the parts together throughout its life cycle and achieve the impact you want Who This Book Is For Software engineers, machine learning practitioners, and technical managers who want to build effective intelligent systems United States Congressional Serial Set, Serial No. 14741, Senate Documents Nos. 15-17 Apress This document brings together a set of latest data points and publicly available information relevant for Technology Industry. We are very excited to share this content and believe that readers will benefit from this periodic publication immensely.