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Predictive Analytics with Microsoft Azure Machine Learning

Build and Deploy Actionable Solutions in Minutes

Apress *Data Science and Machine Learning are in high demand, as customers are increasingly looking for ways to glean insights from all their data. More customers now realize that Business Intelligence is not enough as the volume, speed and complexity of data now defy traditional analytics tools. While Business Intelligence addresses descriptive and diagnostic analysis, Data Science unlocks new opportunities through predictive and prescriptive analysis. The purpose of this book is to provide a gentle and instructionally organized introduction to the field of data*

science and machine learning, with a focus on building and deploying predictive models. The book also provides a thorough overview of the Microsoft Azure Machine Learning service using task oriented descriptions and concrete end-to-end examples, sufficient to ensure the reader can immediately begin using this important new service. It describes all aspects of the service from data ingress to applying machine learning and evaluating the resulting model, to deploying the resulting model as a machine learning web service. Finally, this book attempts to have minimal dependencies, so that you can fairly easily pick and choose chapters to read. When dependencies do exist, they are listed at the start and end of the chapter. The simplicity of this new service from Microsoft will help to take Data Science and Machine Learning to a much broader audience than existing products in this space. Learn how you can quickly build and deploy sophisticated predictive models as machine learning web services with the new Azure Machine Learning service from Microsoft.

Report on selected solutions of law, business and technologies preventing crimes

Wydawnictwo Instytutu Wymiaru Sprawiedliwości *Raport jest pierwszym tego typu opracowaniem w polskim piśmiennictwie, szczególnie w tak oryginalnym i profesjonalnym ujęciu. [...] Integralną i niezwykle ważną dla percepcji raportu część stanowią załączniki, które poszerzają zakres wiedzy zawartej w opracowaniu, ułatwiając jej zrozumienie. [...] Raport zawiera autorskie ujęcie zjawiska relatywnie nowego w praktyce życia gospodarczego i proponuje zasady oraz metody zarządzania nim. Charakteryzuje się właściwym, interdyscyplinarnym podejściem. Napisano go na podstawie aktualnej – głównie angielskiej – literatury oraz z wykorzystaniem badań własnych autorów. Odpowiada na pilne i rosnące zapotrzebowanie praktyki gospodarczej. Jest innowacyjną pozycją na polskim rynku wydawniczym. Prof. dr hab. Bohdan Jeliński Uniwersytet Gdański Praca jest oryginalnym osiągnięciem naukowym, wypełniającym lukę w słabo zbadanym jak dotąd obszarze zapobiegania przestępczości w sektorach: finansowym, ubezpieczeniowym i energetycznym oraz w obszarze zarządzania zasobami ludzkimi. Proponowane rozwiązania przyczynią się do poprawy skuteczności działania w analizowanych sektorach. Płk dr hab. Tomasz Kośmider, prof. ASW Akademia Sztuki Wojennej w Warszawie Raport prezentuje innowacyjne rozwiązania w kwestii zarówno produktów zapobiegających przestępczości, jak i procesów zarządczych przedstawionych w szczególności w rozdziale dotyczącym zarządzania ludźmi. Opracowanie ukazuje również, z jakimi wyzwaniami natury prawnej może mierzyć się w przyszłości ustawodawca na szczeblu krajowym i ponadnarodowym, w tym unijnym. [...] Raport może przyczynić się także do podjęcia dalszych badań nad cyberprzestępczością w Polsce. Dr hab. Krystyna Nizioł, prof. US Uniwersytet Szczeciński*

Accelerate

The Science of Lean Software and DevOps: Building and Scaling High Performing Technology Organizations

IT Revolution *Winner of the Shingo Publication Award Accelerate your organization to win in the marketplace. How can we apply technology to drive business value? For years, we've been told that the performance of software delivery teams doesn't matter—that it can't provide a competitive advantage to our companies. Through four years of groundbreaking research to include data collected from the State of DevOps reports conducted with Puppet, Dr. Nicole Forsgren, Jez Humble, and Gene Kim set out to find a way to measure software delivery performance—and what drives it—using rigorous statistical methods. This book presents both the findings and the science behind that research, making the information accessible for readers to apply in their own organizations. Readers will discover how to measure the performance of their teams, and what capabilities they should invest in to drive higher performance. This book is ideal for management at every level.*

Energy Efficiency

Towards the End of Demand Growth

Academic Press *Energy Efficiency: Towards the End of Demand Growth is a detailed guide to new energy efficiency technologies and policy frameworks affecting the profitability of efficiency projects. The contributions drawn together by F.P. Sioshansi feature insights from recognized thought leaders, detailed examinations of evolving technologies, and practical case studies yielding best practices for project planners, implementers and financiers. This volume challenges the "more is better" paradigm in energy production, examining efficiency technologies and measurement across the supply chain. Comparative financial analysis of efficiency vs. increased generation Case studies from four continents highlight the examples of successful technologies and projects Explains how existing and developing regulatory frameworks impact cost and implementation*

Microsoft Azure Essentials Azure Machine Learning

Microsoft Press *Microsoft Azure Essentials from Microsoft Press is a series of free ebooks designed to help you advance your technical skills with Microsoft Azure. This third ebook in the series introduces Microsoft Azure Machine Learning, a service that a developer can use to build predictive analytics models (using training datasets from a variety of data sources) and then easily deploy those models for consumption as cloud web services. The ebook presents an overview of modern data science theory and principles, the associated workflow, and then covers some of the more common machine learning algorithms in use today. It builds a variety of predictive analytics models using real world data, evaluates several different machine learning algorithms and modeling strategies, and then deploys the finished models as machine learning web services on Azure within a matter of minutes. The ebook also expands on a working Azure Machine Learning predictive model example to explore the types of client and server applications you can create to consume Azure Machine Learning web services. Watch Microsoft Press's blog and Twitter (@MicrosoftPress) to learn about other free ebooks in the Microsoft Azure Essentials series.*

Proceedings ettc2018

European Test and Telemetry Conference ettc2018

BoD – Books on Demand *Telemetry technologies for aeronautical, space, automotive, biomedical application are both supported and challenged by innovative industrial developments like IoT, Big Data, Wireless System. Connectivity is the backbone of the modern society! Adapting to and integrating these new technologies represent many challenges but offer new capabilities, which are mandatory for testing modern and future systems, including UAVs / drones. Security of links and networks is to be included by design: jamming, anti-jamming, spoofing... It is actually only about remaining agile - but today more than ever!*

Doing Action Research in Your Own Organization

SAGE *The Fourth Edition of this best-selling book is packed full of practical, expert advice on how to navigate the murky waters of ethics, politics and management in your own organization. Multidisciplinary in its approach to action research, the book sets out a step-by-step template for researchers to follow and adapt. Coghlan and*

Brannick: Introduce and contextualize action research as a method Provide guidance on how to design and implement your action research project Explore interlevel dynamics Discuss role duality and access Suggest effective ways to analyze your data Provide helpful tips on how to disseminate your findings. The book and supporting companion website are the ideal resource for students, researchers and practitioners hoping to generate real change through their action research project and will be particularly relevant to those studying Business and Management, Nursing and Health, Education and Sociology.

Nominations to the U.S. Department of Commerce and the Federal Trade Commission

Hearing Before the Committee on Commerce, Science, and Transportation, United States Senate, One Hundred Twelfth Congress, First Session, November 15, 2011

FCC Record

A Comprehensive Compilation of Decisions, Reports, Public Notices, and Other Documents of the Federal Communications

Commission of the United States Ten Steps to a Results-based Monitoring and Evaluation System

A Handbook for Development Practitioners

World Bank Publications *An effective state is essential to achieving socio-economic and sustainable development. With the advent of globalization, there are growing pressures on governments and organizations around the world to be more responsive to the demands of internal and external stakeholders for good governance, accountability and transparency, greater development effectiveness, and delivery of tangible results. Governments, parliaments, citizens, the private sector, NGOs, civil society, international organizations and donors are among the stakeholders interested in better performance. As demands for greater accountability and real results have increased, there is an attendant need for enhanced results-based monitoring and evaluation of policies, programs, and projects. This Handbook provides a comprehensive ten-step model that will help guide development practitioners through the process of designing and building a results-based monitoring and evaluation system. These steps begin with a OC Readiness AssessmentOCO and take the practitioner through the design, management, and importantly, the sustainability of such systems. The Handbook describes each step in detail, the tasks needed to complete each one, and the tools available to help along the way."*

THE ART OF STRATEGY

Steps Towards Business Agility. On Situational Awareness, OODA "Loops" and Wardley Mapping.

Yokoso Press *What is strategy? Why do you need it? How do you do it? And, how can you be more certain to succeed? The Art Of Strategy provides timeless answers to these eternal questions. It is a short introduction to strategy through the insights of three successful strategists: Sun Tzu, John Boyd and Simon Wardley. It is a modern reading of Sun Tzu's The Art of War — the strategy classic written in China*

around 500 BC — using the lenses of Boyd (OODA "loop" inventor) and Wardley (Wardley Map inventor) who were both influenced by Sun Tzu. Each chapter gently transforms The Art of War into a modern business setting and includes material from Boyd and Wardley in separate sections to complement and clarify Sun Tzu's terse, poetic text. The idea is to serve strategy in 13 short chapters requiring 5–10 minutes reading time each. An extensive glossary is included since many Chinese concepts are purposefully abstract and ambiguous. You will discover new thinking patterns, e.g. OODA "loops" and situational awareness, as well as visualization tools like Wardley Maps that will help you and your organization succeed together with your stakeholders. You will also improve your understanding of the (geo)political gameplays by Boris Johnson, Donald Trump, Vladimir Putin and Xí Jìnpíng who are all inspired by Sun Tzu, in some cases indirectly via Boyd. "An excellent fusion of Sun Tzu, Boyd, and Wardley that is beautifully laid out, highly readable and very straightforward in compressing the learning curve on all three!" @ChaosAndOceans, Marine, Economist, Swimmer, Surfer "Erik Schön has created a great example of Boyd's 'snowmobile' — a synthesis across a variety of domains leading to new insights and capabilities. I'm sure every strategist, business, leader, and entrepreneur will find valuable ideas for making their own enterprises more competitive." Chet Richards, author of Certain to Win "The Art of Strategy is condensed knowledge that all managers, agile coaches and other leaders should have. This is three thinkers from very different contexts. But as Erik has put it, with similarities and differences topic by topic, a fourth voice appears. That voice belongs to the interaction between the three narrators and it gives as much value to me as a reader as the other three voices do." Staffan Nöteberg, author of Monotasking "THE summary and independent look on modern strategy right now!!!" Markus Andrezak, Founder and Managing Partner at überprodukt

Services Portfolio Complete Self-Assessment Guide

5starcooks Have all basic functions of Services Portfolio been defined? Do you monitor the effectiveness of your Services Portfolio activities? Do you combine technical expertise with business knowledge and Services Portfolio Key topics include lifecycles, development approaches, requirements and how to make a business case? What are the implications of the one critical Services Portfolio decision 10 minutes, 10 months, and 10 years from now? How do your measurements capture actionable Services Portfolio information for use in exceeding your customers expectations and securing your customers engagement? Defining, designing, creating, and implementing a process to solve a challenge or meet an objective is the most valuable role... In EVERY group, company, organization and department. Unless you are talking a one-time, single-use project, there should be a process. Whether that process is managed and implemented by humans, AI, or a combination of the two, it needs to be designed by someone with a complex enough perspective to ask the right questions. Someone capable of asking the right questions and step back and say, 'What are we really trying to accomplish here? And

is there a different way to look at it?' This Self-Assessment empowers people to do just that - whether their title is entrepreneur, manager, consultant, (Vice-)President, CxO etc... - they are the people who rule the future. They are the person who asks the right questions to make Services Portfolio investments work better. This Services Portfolio All-Inclusive Self-Assessment enables You to be that person. All the tools you need to an in-depth Services Portfolio Self-Assessment. Featuring 668 new and updated case-based questions, organized into seven core areas of process design, this Self-Assessment will help you identify areas in which Services Portfolio improvements can be made. In using the questions you will be better able to: - diagnose Services Portfolio projects, initiatives, organizations, businesses and processes using accepted diagnostic standards and practices - implement evidence-based best practice strategies aligned with overall goals - integrate recent advances in Services Portfolio and process design strategies into practice according to best practice guidelines Using a Self-Assessment tool known as the Services Portfolio Scorecard, you will develop a clear picture of which Services Portfolio areas need attention. Your purchase includes access details to the Services Portfolio self-assessment dashboard download which gives you your dynamically prioritized projects-ready tool and shows your organization exactly what to do next. You will receive the following contents with New and Updated specific criteria: - The latest quick edition of the book in PDF - The latest complete edition of the book in PDF, which criteria correspond to the criteria in... - The Self-Assessment Excel Dashboard, and... - Example pre-filled Self-Assessment Excel Dashboard to get familiar with results generation ...plus an extra, special, resource that helps you with project managing. INCLUDES LIFETIME SELF ASSESSMENT UPDATES Every self assessment comes with Lifetime Updates and Lifetime Free Updated Books. Lifetime Updates is an industry-first feature which allows you to receive verified self assessment updates, ensuring you always have the most accurate information at your fingertips.

Learning Spark

O'Reilly Media *Data is bigger, arrives faster, and comes in a variety of formats—and it all needs to be processed at scale for analytics or machine learning. But how can you process such varied workloads efficiently? Enter Apache Spark. Updated to include Spark 3.0, this second edition shows data engineers and data scientists why structure and unification in Spark matters. Specifically, this book explains how to perform simple and complex data analytics and employ machine learning algorithms. Through step-by-step walk-throughs, code snippets, and notebooks, you'll be able to: Learn Python, SQL, Scala, or Java high-level Structured APIs Understand Spark operations and SQL Engine Inspect, tune, and debug Spark operations with Spark configurations and Spark UI Connect to data sources: JSON, Parquet, CSV, Avro, ORC, Hive, S3, or Kafka Perform analytics on batch and streaming data using Structured Streaming Build reliable data pipelines with open source Delta Lake and Spark Develop machine learning pipelines with MLlib and productionize models using MLflow*

Handbook on Electricity Markets

Edward Elgar Publishing *With twenty-two chapters written by leading international experts, this volume represents the most detailed and comprehensive Handbook on electricity markets ever published.*

Site Reliability Engineering

How Google Runs Production Systems

"O'Reilly Media, Inc." *In this collection of essays and articles, key members of Google's Site Reliability Team explain how and why their commitment to the entire lifecycle has enabled the company to successfully build, deploy, monitor, and maintain some of the largest software systems in the world.*

Future of solar photovoltaic

International Renewable Energy Agency (IRENA) *This study presents options to fully unlock the world's vast solar PV potential over the period until 2050. It builds on IRENA's global roadmap to scale up renewables and meet climate goals.*

Getting Things Done

The Art of Stress-Free Productivity

Penguin *The book Lifehack calls "The Bible of business and personal productivity." "A completely revised and updated edition of the blockbuster bestseller from 'the personal productivity guru'"—Fast Company Since it was first published almost fifteen years ago, David Allen's Getting Things Done has become one of the most influential business books of its era, and the ultimate book on personal organization. "GTD" is now shorthand for an entire way of approaching professional and personal tasks, and has spawned an entire culture of websites, organizational tools, seminars, and offshoots. Allen has rewritten the book from start to finish, tweaking his classic text with important perspectives on the new workplace, and adding material that will make the book fresh and relevant for years to come. This new edition of Getting Things Done will be welcomed not only by its hundreds of thousands of existing fans but also by a whole new generation eager to adopt its proven principles.*

Smart Leaders, Smarter Teams
How You and Your Team Get Unstuck to Get Results

John Wiley & Sons *A proven approach for helping leaders and teams work together to achieve better decisions, greater commitment, and stronger results More than ever, effective leadership requires us to work as a team, but many leaders struggle to get the results they need. When stakes are high, you can't get great results by just changing what you do. You also need to change how you think. Organizational psychologist and leadership consultant Roger Schwarz applies his 30+ years of experience working with leadership teams to reveal how leaders can drastically improve results by changing their individual and team mindset. Provides practical guidance to help teams increase decision quality, decrease implementation time, foster innovation, get commitment, reduce costs and increase trust Outlines 5 core values leadership teams can adopt to exponentially improve results Author of The Skilled Facilitator and The Skilled Facilitator Fieldbook Get the results you and your team need. Start by applying the practical wisdom of Smart Leaders, Smarter Teams.*

Deployment Guide for InfoSphere Guardium

IBM Redbooks *IBM® InfoSphere® Guardium® provides the simplest, most robust solution for data security and data privacy by assuring the integrity of trusted information in your data center. InfoSphere Guardium helps you reduce support costs by automating the entire compliance auditing process across heterogeneous environments. InfoSphere Guardium offers a flexible and scalable solution to support varying customer architecture requirements. This IBM Redbooks® publication provides a guide for deploying the Guardium solutions. This book also provides a roadmap process for implementing an InfoSphere Guardium solution that is based on years of experience and best practices that were collected from various Guardium experts. We describe planning, installation, configuration, monitoring, and administrating an InfoSphere Guardium environment. We also describe use cases and how InfoSphere Guardium integrates with other IBM products. The guidance can help you successfully deploy and manage an IBM InfoSphere Guardium system. This book is intended for the system administrators and support staff who are responsible for deploying or supporting an InfoSphere Guardium environment.*

Learning in Action

A Guide to Putting the Learning Organization to Work

Harvard Business Press *This work presents a picture of organizational learning. It offers advice to managers who wish to improve their organization's performance by increasing the breadth, depth, and speed of learning. It draws on evidence from fields such as cognitive science, sociology, and psychology.*

Drawdown

The Most Comprehensive Plan Ever Proposed to Reverse Global Warming

Penguin UK *NEW YORK TIMES BESTSELLER For the first time ever, an international coalition of leading researchers, scientists and policymakers has come together to offer a set of realistic and bold solutions to climate change. All of the techniques described here - some well-known, some you may have never heard of - are economically viable, and communities throughout the world are already enacting them. From revolutionizing how we produce and consume food to educating girls in lower-income countries, these are all solutions which, if deployed collectively on a global scale over the next thirty years, could not just slow the earth's warming, but reach drawdown: the point when greenhouse gasses in the atmosphere peak and begin todecline. So what are we waiting for?*

Building State Capability

Evidence, Analysis, Action

Oxford University Press *Introduction : the "long voyage of discovery" -- The big stuck in state capability -- Looking like a state : the seduction of isomorphic mimicry -- Premature load bearing : doing too much too soon -- Capability for policy implementation -- What type of organization capability is needed? -- The challenge of building (real) state capability for implementation -- Doing problem-driven work -- The searchframe : doing experimental iterations -- Managing your authorizing environment -- Building state capability at scale through groups.*

Big Data, Analytics, and the Future of Marketing & Sales

Big Data is the biggest game-changing opportunity for marketing and sales since the Internet went mainstream almost 20 years ago. The data big bang has unleashed torrents of terabytes about everything from customer behaviors to weather patterns to demographic consumer shifts in emerging markets. This collection of articles, videos, interviews, and slideshares highlights the most important lessons for companies looking to turn data into above-market growth: Using analytics to identify valuable business opportunities from the data to drive decisions and improve marketing return on investment (MROI) Turning those insights into well-designed products and offers that delight customers Delivering those products and offers effectively to the marketplace.The goldmine of data represents a pivot-point moment for marketing and sales leaders. Companies that inject big data and analytics into their operations show productivity rates and profitability that are 5 percent to 6 percent higher than those of their peers. That's an advantage no company can afford to ignore.

National Strategy for the COVID-19 Response and Pandemic Preparedness

January 2021

Simon and Schuster *The ultimate guide for anyone wondering how President Joe Biden will respond to the COVID-19 pandemic—all his plans, goals, and executive orders in response to the coronavirus crisis. Shortly after being inaugurated as the 46th President of the United States, Joe Biden and his administration released this 200 page guide detailing his plans to respond to the coronavirus pandemic. The National Strategy for the COVID-19 Response and Pandemic Preparedness breaks down seven crucial goals of President Joe Biden's administration with regards to the coronavirus pandemic: 1. Restore trust with the American people. 2. Mount a safe, effective, and comprehensive vaccination campaign. 3. Mitigate spread through expanding masking, testing, data, treatments, health care workforce, and clear public health standards. 4. Immediately expand emergency relief and exercise the Defense Production Act. 5. Safely reopen schools, businesses, and travel while protecting workers. 6. Protect those most at risk and advance equity, including across racial, ethnic and rural/urban lines. 7. Restore U.S. leadership globally and build better preparedness for future threats. Each of these goals are explained and detailed in the book, with evidence about the current circumstances and how we got*

here, as well as plans and concrete steps to achieve each goal. Also included is the full text of the many Executive Orders that will be issued by President Biden to achieve each of these goals. The National Strategy for the COVID-19 Response and Pandemic Preparedness is required reading for anyone interested in or concerned about the COVID-19 pandemic and its effects on American society.

TALIS Creating Effective Teaching and Learning Environments First Results from TALIS

First Results from TALIS

OECD Publishing *This publication is the first report from the OECD's Teaching and Learning International Survey (TALIS). It provides quantitative, policy-relevant information on the teaching and learning environment in schools in 23 countries.*

The Site Reliability Workbook

Practical Ways to Implement SRE

"O'Reilly Media, Inc." *In 2016, Google's Site Reliability Engineering book ignited an industry discussion on what it means to run production services today—and why reliability considerations are fundamental to service design. Now, Google engineers who worked on that bestseller introduce The Site Reliability Workbook, a hands-on companion that uses concrete examples to show you how to put SRE principles and practices to work in your environment. This new workbook not only combines practical examples from Google's experiences, but also provides case studies from Google's Cloud Platform customers who underwent this journey. Evernote, The Home Depot, The New York Times, and other companies outline hard-won experiences of what worked for them and what didn't. Dive into this workbook and learn how to flesh out your own SRE practice, no matter what size your company is. You'll learn: How to run reliable services in environments you don't completely control—like cloud Practical applications of how to create, monitor, and run your services via Service Level Objectives How to convert existing ops teams to SRE—including how to dig out of operational overload Methods for starting SRE from either greenfield or brownfield*

HBR Guide to Making Every Meeting

Matter (HBR Guide Series)

Harvard Business Review Press *Make every minute count. Your calendar is full, and yet your meetings don't always seem to advance your work. Problems often arise with unrealistic or vague agendas, off-track conversations, tuned-out participants who don't know why they're there, and follow-up notes that no one reads—or acts on. Meetings can feel like a waste of time. But when you invest a little energy in preparing yourself and your participants, you'll stay focused, solve problems, gain consensus, and leave each meeting ready to take action. With input from over 20 experts combined with useful checklists, sample agendas, and follow-up memos, the HBR Guide to Making Every Meeting Matter will teach you how to: Set and communicate your meeting's purpose Invite the right people Prepare an achievable agenda Moderate a lively conversation Regain control of a wayward meeting Ensure follow-through without babysitting or haranguing Arm yourself with the advice you need to succeed on the job, from a source you trust. Packed with how-to essentials from leading experts, the HBR Guides provide smart answers to your most pressing work challenges.*

Implementing an InfoSphere Optim Data Growth Solution

IBM Redbooks *Today, organizations face tremendous challenges with data explosion and information governance. InfoSphereTM OptimTM solutions solve the data growth problem at the source by managing the enterprise application data. The Optim Data Growth solutions are consistent, scalable solutions that include comprehensive capabilities for managing enterprise application data across applications, databases, operating systems, and hardware platforms. You can align the management of your enterprise application data with your business objectives to improve application service levels, lower costs, and mitigate risk. In this IBM® Redbooks® publication, we describe the IBM InfoSphere Optim Data Growth solutions and a methodology that provides implementation guidance from requirements analysis through deployment and administration planning. We also discuss various implementation topics including system architecture design, sizing, scalability, security, performance, and automation. This book is intended to provide various systems development professionals, Data Solution Architects, Data Administrators, Modelers, Data Analysts, Data Integrators, or anyone who has to analyze or integrate data structures, a broad understanding about IBM InfoSphere Optim Data Growth solutions. By being used in conjunction with the product manuals and online help, this book provides guidance about implementing an optimal solution for managing your enterprise application data.*

Microservice Architecture

Aligning Principles, Practices, and Culture

"O'Reilly Media, Inc." *Have you heard about the tremendous success Amazon and Netflix have had by switching to a microservice architecture? Are you wondering how this can benefit your company? Or are you skeptical about how it might work? If you've answered yes to any of these questions, this practical book will benefit you. You'll learn how to take advantage of the microservice architectural style for building systems, and learn from the experiences of others to adopt and execute this approach most successfully.*

Driven by Data

A Practical Guide to Improve Instruction

John Wiley & Sons *Offers a practical guide for improving schools dramatically that will enable all students from all backgrounds to achieve at high levels. Includes assessment forms, an index, and a DVD.*

Process Mining in Action

Principles, Use Cases and Outlook

Springer Nature *This book describes process mining use cases and business impact along the value chain, from corporate to local applications, representing the state of the art in domain know-how. Providing a set of industrial case studies and best practices, it complements academic publications on the topic. Further the book reveals the challenges and failures in order to offer readers practical insights and guidance on how to avoid the pitfalls and ensure successful operational deployment. The book is divided into three parts: Part I provides an introduction to the topic from fundamental principles to key success factors, and an overview of operational use cases. As a holistic description of process mining in a business environment, this part is particularly useful for readers not yet familiar with the topic. Part II presents detailed use cases written by contributors from a variety of functions and industries. Lastly, Part III provides a brief overview of the future of process mining, both from academic and operational perspectives. Based on a solid academic foundation, process mining has received increasing interest from operational businesses, with*

many companies already reaping the benefits. As the first book to present an overview of successful industrial applications, it is of particular interest to professionals who want to learn more about the possibilities and opportunities this new technology offers. It is also a valuable resource for researchers looking for empirical results when considering requirements for enhancements and further developments.

Building Big Data and Analytics Solutions in the Cloud

IBM Redbooks *Big data is currently one of the most critical emerging technologies. Organizations around the world are looking to exploit the explosive growth of data to unlock previously hidden insights in the hope of creating new revenue streams, gaining operational efficiencies, and obtaining greater understanding of customer needs. It is important to think of big data and analytics together. Big data is the term used to describe the recent explosion of different types of data from disparate sources. Analytics is about examining data to derive interesting and relevant trends and patterns, which can be used to inform decisions, optimize processes, and even drive new business models. With today's deluge of data comes the problems of processing that data, obtaining the correct skills to manage and analyze that data, and establishing rules to govern the data's use and distribution. The big data technology stack is ever growing and sometimes confusing, even more so when we add the complexities of setting up big data environments with large up-front investments. Cloud computing seems to be a perfect vehicle for hosting big data workloads. However, working on big data in the cloud brings its own challenge of reconciling two contradictory design principles. Cloud computing is based on the concepts of consolidation and resource pooling, but big data systems (such as Hadoop) are built on the shared nothing principle, where each node is independent and self-sufficient. A solution architecture that can allow these mutually exclusive principles to coexist is required to truly exploit the elasticity and ease-of-use of cloud computing for big data environments. This IBM® RedpaperTM publication is aimed at chief architects, line-of-business executives, and CIOs to provide an understanding of the cloud-related challenges they face and give prescriptive guidance for how to realize the benefits of big data solutions quickly and cost-effectively.*

Actionable Learning

A Handbook for Capacity Building Through Case Based Learning

The Sticking Point Solution

9 Ways to Move Your Business from Stagnation to Stunning Growth in Tough Economic Times

ReadHowYouWant.com *Businesses can plateau, stall, OR stagnatewithout the owners or key executives even realizing it. A business might be achieving incremental year-on-year growth and yet still be in a situation of stagnation or stall. Why? Because entrepreneurs and ...*

Robert's Rules of Order

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Review of Maritime Transport 2020

This series contains the decisions of the Court in both the English and French texts.

Building Cognitive Applications with IBM Watson Services: Volume 1 Getting Started

IBM Redbooks *The Building Cognitive Applications with IBM Watson Services series is a seven-volume collection that introduces IBM® WatsonTM cognitive computing services. The series includes an overview of specific IBM Watson® services with their associated architectures and simple code examples. Each volume describes how you can use and implement these services in your applications through practical use cases. The series includes the following volumes: Volume 1 Getting Started, SG24-8387 Volume 2 Conversation, SG24-8394 Volume 3 Visual Recognition, SG24-8393 Volume 4 Natural Language Classifier, SG24-8391 Volume 5 Language Translator, SG24-8392 Volume 6 Speech to Text and Text to Speech, SG24-8388 Volume 7 Natural Language Understanding, SG24-8398 Whether you are a beginner or an experienced developer, this collection provides the information you need to*

start your research on Watson services. If your goal is to become more familiar with Watson in relation to your current environment, or if you are evaluating cognitive computing, this collection can serve as a powerful learning tool. This IBM Redbooks® publication, Volume 1, introduces cognitive computing, its motivating factors, history, and basic concepts. This volume describes the industry landscape for cognitive computing and introduces Watson, the cognitive computing offering from IBM. It also describes the nature of the question-answering (QA) challenge that is represented by the Jeopardy! quiz game and it provides a high-level overview of the QA system architecture (DeepQA), developed for Watson to play the game. This volume charts the evolution of the Watson Developer Cloud, from the initial DeepQA implementation. This book also introduces the concept of domain adaptation and the processes that must be followed to adapt the various Watson services to specific domains.

Value Proposition Design

How to Create Products and Services Customers Want

John Wiley & Sons *The authors of the international bestseller Business Model Generation explain how to create value propositions customers can't resist Value Proposition Design helps you tackle the core challenge of every business — creating compelling products and services customers want to buy. This highly practical book, paired with its online companion, will teach you the processes and tools you need to create products that sell. Using the same stunning visual format as the authors' global bestseller, Business Model Generation, this sequel explains how to use the "Value Proposition Canvas" to design, test, create, and manage products and services customers actually want. Value Proposition Design is for anyone who has been frustrated by new product meetings based on hunches and intuitions; it's for anyone who has watched an expensive new product launch fail in the market. The book will help you understand the patterns of great value propositions, get closer to customers, and avoid wasting time with ideas that won't work. You'll learn the simple process of designing and testing value propositions, that perfectly match customers' needs and desires. In addition the book gives you exclusive access to an online companion on Strategyzer.com. You will be able to assess your work, learn from peers, and download pdfs, checklists, and more. Value Proposition Design is an essential companion to the "Business Model Canvas" from Business Model Generation, a tool embraced globally by startups and large corporations such as MasterCard, 3M, Coca Cola, GE, Fujitsu, LEGO, Colgate-Palmolive, and many more. Value Proposition Design gives you a proven methodology for success, with value propositions that sell, embedded in profitable business models."*

IBM Watson Content Analytics: Discovering Actionable Insight from Your Content

IBM Redbooks *IBM® WatsonTM Content Analytics (Content Analytics) Version 3.0 (formerly known as IBM Content Analytics with Enterprise Search (ICAwES)) helps you to unlock the value of unstructured content to gain new actionable business insight and provides the enterprise search capability all in one product. Content Analytics comes with a set of tools and a robust user interface to empower you to better identify new revenue opportunities, improve customer satisfaction, detect problems early, and improve products, services, and offerings. To help you gain the most benefits from your unstructured content, this IBM Redbooks® publication provides in-depth information about the features and capabilities of Content Analytics, how the content analytics works, and how to perform effective and efficient content analytics on your content to discover actionable business insights. This book covers key concepts in content analytics, such as facets, frequency, deviation, correlation, trend, and sentimental analysis. It describes the content analytics miner, and guides you on performing content analytics using views, dictionary lookup, and customization. The book also covers using IBM Content Analytics Studio for domain-specific content analytics, integrating with IBM Content Classification to get categories and new metadata, and interfacing with IBM Cognos® Business Intelligence (BI) to add values in BI reporting and analysis, and customizing the content analytics miner with APIs. In addition, the book describes how to use the enterprise search capability for the discovery and retrieval of documents using various query and visual navigation techniques, and customization of crawling, parsing, indexing, and runtime search to improve search results. The target audience of this book is decision makers, business users, and IT architects and specialists who want to understand and analyze their enterprise content to improve and enhance their business operations. It is also intended as a technical how-to guide for use with the online IBM Knowledge Center for configuring and performing content analytics and enterprise search with Content Analytics.*

Agile Project Management with Kanban

Microsoft Press *Use Kanban to maximize efficiency, predictability, quality, and value With Kanban, every minute you spend on a software project can add value for customers. One book can help you achieve this goal: Agile Project Management with Kanban. Author Eric Brechner pioneered Kanban within the Xbox engineering team at Microsoft. Now he shows you exactly how to make it work for your team. Think of this book as "Kanban in a box": open it, read the quickstart guide, and you're up and*

running fast. As you gain experience, Brechner reveals powerful techniques for right-sizing teams, estimating, meeting deadlines, deploying components and services, adapting or evolving from Scrum or traditional Waterfall, and more. For every step of your journey, you'll find pragmatic advice, useful checklists, and actionable lessons. This truly is "Kanban in a box": all you need to deliver breakthrough value and quality. Use Kanban techniques to: Start delivering continuous value with your current team and project Master five quick steps for completing work backlogs Plan and staff new projects more effectively Minimize work in progress and quickly adjust to change Eliminate artificial meetings and prolonged stabilization Improve and enhance customer engagement Visualize workflow and fix revealed bottlenecks Drive quality upstream Integrate Kanban into large projects Optimize sustained engineering (contributed by James Waletzky) Expand Kanban beyond software development