
Advanced Analytical Solutions

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**OECD Skills Studies OECD Skills
Strategy Poland Assessment and
Recommendations** Springer Science &
Business Media

On the occasion of the 150th
anniversary of Sophus Lie, an
International Work shop "Modern Group
Analysis: advanced analytical and

computational methods in mathematical
physics" has been organized in Acireale
(Catania, Sicily, October 27 31, 1992).
The Workshop was aimed to enlighten
the present state of this rapidly
expanding branch of applied
mathematics. Main topics of the
Conference were: • classical Lie groups
applied for constructing invariant
solutions and conservation laws; •
conditional (partial) symmetries; •
Backlund transformations; •

approximate symmetries; • group analysis of finite-difference equations; • problems of group classification; • software packages in group analysis. The success of the Workshop was due to the participation of many experts in Group Analysis from different countries. This book consists of selected papers presented at the Workshop. We would like to thank the Scientific Committee for the generous support of recommending invited lectures and selecting the papers for this volume, as well as the members of the Organizing Committee for their help. The Workshop was made possible by the financial support of several sponsors that are listed below. It is also a pleasure to thank our colleague Enrico Gregorio for his invaluable help of this volume.

ECKM 2023 24th European Conference on Knowledge Management Vol 2 John Wiley & Sons

Be prepared for the arrival of automated decision making. Once thought of as science fiction, major corporations are already beginning to use cognitive systems to assist in providing wealth advice and also in medication treatment. The use of Cognitive Analytics/Artificial Intelligence (AI) Systems is set to accelerate, with the expectation that it'll be considered 'mainstream' in the next 5 - 10 years. It'll change the way we as individuals interact with data and systems—and the way we run our businesses. Cognitive Analysis and AI prepares business users for the era of cognitive analytics / artificial intelligence. Building on established

texts and commentary, it specifically prepares you in terms of expectation, impact on personal roles, and responsibilities. It focuses on the specific impact on key industries (retail, financial services, utilities and media) and also on key professions (such as accounting, operational management, supply chain and risk management). Shows you how users interact with the system in natural language Explains how cognitive analysis/AI can source 'big data' Provides a roadmap for implementation Gets you up to speed now before you get left behind If you're a decision maker or budget holder within the corporate context, this invaluable book helps you gain an advantage from the deployment of cognitive analytics tools.

Data-Driven Modelling and

Predictive Analytics in Business and Finance Anouar BEN ZAHRA

This contributed volume showcases research and survey papers devoted to a broad range of topics on functional equations, ordinary differential equations, partial differential equations, stochastic differential equations, optimization theory, network games, generalized Nash equilibria, critical point theory, calculus of variations, nonlinear functional analysis, convex analysis, variational inequalities, topology, global differential geometry, curvature flows, perturbation theory, numerical analysis, mathematical finance and a variety of applications in interdisciplinary topics. Chapters in this volume investigate compound superquadratic functions, the Hyers-Ulam Stability of functional

equations, edge degenerate pseudo-hyperbolic equations, Kirchhoff wave equation, BMO norms of operators on differential forms, equilibrium points of the perturbed R3BP, complex zeros of solutions to second order differential equations, a higher-order Ginzburg-Landau-type equation, multi-symplectic numerical schemes for differential equations, the Erdős-Rényi network model, strongly m -convex functions, higher order strongly generalized convex functions, factorization and solution of second order differential equations, generalized topologically open sets in relator spaces, graphical mean curvature flow, critical point theory in infinite dimensional spaces using the Leray-Schauder index, non-radial solutions of a supercritical

equation in expanding domains, the semi-discrete method for the approximation of the solution of stochastic differential equations, homotopic metric-interval L-contractions in gauge spaces, Rhoades contractions theory, network centrality measures, the Radon transform in three space dimensions via plane integration and applications in positron emission tomography boundary perturbations on medical monitoring and imaging techniques, the KdV-B equation and biomedical applications.

AI and Big Data's Potential for Disruptive Innovation Springer

This book comprises the proceedings of the Annual Conference of the Canadian Society of Civil Engineering 2022. The contents of this volume focus on

specialty conferences in construction, environmental, hydrotechnical, materials, structures, transportation engineering, etc. This volume will prove a valuable resource for those in academia and industry.

Nonlinear Analysis, Differential Equations, and Applications CRC Press

A detailed, multi-disciplinary approach to investment analytics Portfolio Construction and Analytics provides an up-to-date understanding of the analytic investment process for students and professionals alike. With complete and detailed coverage of portfolio analytics and modeling methods, this book is unique in its multi-disciplinary approach. Investment analytics involves the input of a variety of areas, and this guide

provides the perspective of data management, modeling, software resources, and investment strategy to give you a truly comprehensive understanding of how today's firms approach the process. Real-world examples provide insight into analytics performed with vendor software, and references to analytics performed with open source software will prove useful to both students and practitioners. Portfolio analytics refers to all of the methods used to screen, model, track, and evaluate investments. Big data, regulatory change, and increasing risk is forcing a need for a more coherent approach to all aspects of investment analytics, and this book provides the strong foundation and critical skills you need. Master the fundamental modeling

concepts and widely used analytics
 Learn the latest trends in risk metrics, modeling, and investment strategies Get up to speed on the vendor and open-source software most commonly used
 Gain a multi-angle perspective on portfolio analytics at today's firms
 Identifying investment opportunities, keeping portfolios aligned with investment objectives, and monitoring risk and performance are all major functions of an investment firm that relies heavily on analytics output. This reliance will only increase in the face of market changes and increased regulatory pressure, and practitioners need a deep understanding of the latest methods and models used to build a robust investment strategy. Portfolio Construction and Analytics is an

invaluable resource for portfolio management in any capacity.

Index of Trademarks Issued from the United States Patent and Trademark Office John Wiley & Sons

These proceedings represent the work of contributors to the 24th European Conference on Knowledge Management (ECKM 2023), hosted by Iscte – Instituto Universitário de Lisboa, Portugal on 7-8 September 2023. The Conference Chair is Prof Florinda Matos, and the Programme Chair is Prof Álvaro Rosa, both from Iscte Business School, Iscte – Instituto Universitário de Lisboa, Portugal. ECKM is now a well-established event on the academic research calendar and now in its 24th year the key aim remains the opportunity for participants to share ideas and meet the

people who hold them. The scope of papers will ensure an interesting two days. The subjects covered illustrate the wide range of topics that fall into this important and ever-growing area of research. The opening keynote presentation is given by Professor Leif Edvinsson, on the topic of Intellectual Capital as a Missed Value. The second day of the conference will open with an address by Professor Noboru Konno from Tama Graduate School and Keio University, Japan who will talk about Society 5.0, Knowledge and Conceptual Capability, and Professor Jay Liebowitz, who will talk about Digital Transformation for the University of the Future. With an initial submission of 350 abstracts, after the double blind, peer review process there are 184 Academic

research papers, 11 PhD research papers, 1 Masters Research paper, 4 Non-Academic papers and 11 work-in-progress papers published in these Conference Proceedings. These papers represent research from Australia, Austria, Brazil, Bulgaria, Canada, Chile, China, Colombia, Cyprus, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, India, Iran, Iraq, Ireland, Israel, Italy, Japan, Jordan, Kazakhstan, Kuwait, Latvia, Lithuania, Malaysia, México, Morocco, Netherlands, Norway, Palestine, Peru, Philippines, Poland, Portugal, Romania, South Africa, Spain, Sweden, Switzerland, Taiwan, Thailand, Tunisia, UK, United Arab Emirates and the USA.

The Internet of Things Cambridge University Press

This book is a printed edition of the Special Issue "Ecosystemic Evolution Feeded by Smart Systems" that was published in Future Internet [Strategic Blueprint for Enterprise Analytics](#) Packt Publishing Ltd

Leverage the power of advanced analytics and predictive modeling in Tableau using the statistical powers of R

About This Book A comprehensive guide that will bring out the creativity in you to visualize the results of complex calculations using Tableau and R

Combine Tableau analytics and visualization with the power of R using this step-by-step guide

Wondering how R can be used with Tableau? This book is your one-stop solution.

Who This Book Is For This book will appeal to Tableau users who want to go beyond the

Tableau interface and deploy the full potential of Tableau, by using R to perform advanced analytics with Tableau. A basic familiarity with R is useful but not compulsory, as the book will start off with concrete examples of R and will move quickly into more advanced spheres of analytics using online data sources to support hands-on learning. Those R developers who want to integrate R in Tableau will also benefit from this book.

What You Will Learn

Integrate Tableau's analytics with the industry-standard, statistical prowess of R. Make R function calls in Tableau, and visualize R functions with Tableau using RServe. Use the CRISP-DM methodology to create a roadmap for analytics investigations. Implement various supervised and unsupervised learning

algorithms in R to return values to Tableau. Make quick, cogent, and data-driven decisions for your business using advanced analytical techniques such as forecasting, predictions, association rules, clustering, classification, and other advanced Tableau/R calculated field functions. In Detail Tableau and R offer accessible analytics by allowing a combination of easy-to-use data visualization along with industry-standard, robust statistical computation. Moving from data visualization into deeper, more advanced analytics? This book will intensify data skills for data savvy users who want to move into analytics and data science in order to enhance their businesses by harnessing the analytical power of R and the stunning visualization capabilities of

Tableau. Readers will come across a wide range of machine learning algorithms and learn how descriptive, prescriptive, predictive, and visually appealing analytical solutions can be designed with R and Tableau. In order to maximize learning, hands-on examples will ease the transition from being a data-savvy user to a data analyst using sound statistical tools to perform advanced analytics. By the end of this book, you will get to grips with advanced calculations in R and Tableau for analytics and prediction with the help of use cases and hands-on examples. Style and approach Tableau (uniquely) offers excellent visualization combined with advanced analytics; R is at the pinnacle of statistical computational languages. When you want to move from one view

of data to another, backed up by complex computations, the combination of R and Tableau makes the perfect solution. This example-rich guide will teach you how to combine these two to perform advanced analytics by integrating Tableau with R and create beautiful data visualizations.

Advanced Analytics with R and Tableau
IGI Global

If you're seeking solutions to advanced and even esoteric problems, *Advanced Analytical Models* goes beyond theoretical discussions of modeling by facilitating a thorough understanding of concepts and their real-world applications—including the use of embedded functions and algorithms. This reliable resource will equip you with all the tools you need to quantitatively

assess risk in a range of areas, whether you are a risk manager, business decision-maker, or investor.

Procurement 20/20 Springer Nature
How to achieve procurement excellence today and evolve to be ready for tomorrow Procurement entrepreneurship pays. High-performing procurement teams can deliver huge value to their companies—regardless of industry. The best companies are advancing talent-management strategies into the heart of their procurement organizations with huge success. In addition to an estimated \$84 billion in yearly cost savings, companies who give procurement leaders prominence deliver superior returns from their operations as well as lower their costs of goods sold. This book, written by a group of

purchasing and supply management practice experts, shares the hard-earned insights of more than ten years of dedicated procurement research conducted with leading academic institutions and practical experience with marquee clients in the field of procurement. It is also a natural successor to the many articles McKinsey & Company has published on the topic. This reliable resource skillfully explains and codifies the best practices that leading companies have pioneered in procurement as well as frames how procurement must evolve to grapple with new global, social, and economic issues affecting business over the next decade. Details the four key dimensions of procurement excellence Showcases the five megatrends that will change the

way business is done in the next decade Provides strategies that business leaders can adopt in the face of these megatrends, together with practical advice about next steps and case examples The road ahead will require you to redefine your vision for procurement and implement the required changes. Procurement 20/20 will show you how.

Ecosystemic Evolution Fedded by Smart Systems Archway Publishing Empowering You to Master Business Intelligence and Solve Real-world Analytical Problems. **KEY FEATURES** ● Fulfill your business analytics objectives through comprehensive theory and hands-on, real-world examples. ● Dive into the world of advanced Business Intelligence using data science with

Power BI. ● Acquire in-demand skills that align with the current job market and enhance your career prospects.

DESCRIPTION In today's analytics landscape, proficiency in Excel and Power BI is practically a prerequisite for a successful career. This book provides a concise yet comprehensive exploration of these foundational elements of modern Business Intelligence (BI). Comprising ten chapters, this book covers the entire development journey of a Power BI analytical solution, spanning from data modeling and preparation to report creation, publication, and dashboard and app deployment. It offers insights into security measures and performance optimization, ensuring a well-rounded understanding of the BI ecosystem.

Furthermore, it delves into advanced topics, such as leveraging data science algorithms within reports, offering readers an extensive learning experience. The book takes a holistic approach to these technologies, offering a contrast to the narrow perspectives often adopted by contemporary BI professionals who rely solely on a single tool or language. The book allows data enrichment through calculations that can be achieved using various languages, including SQL queries at the source, Power Query Formula Language, M, Python, R, and DAX. By the end of this book you will master these options but be able to also weigh their pros and cons to make informed decisions. **WHAT WILL YOU LEARN** ● Learn the art of crafting comprehensive reports and analyses

using Excel and Power BI. ● Discover efficient methods for sharing your insights and reports with your team or clients. ● Gain the skills to maintain and update your analytical solutions effectively. ● Understand the significance of extracting valuable information from data in today's business landscape. ● Address the increasing demand for skilled analysts, filling a critical gap in the industry. ● Dive into numerous real-world examples to develop a strong foundation in analytical techniques. WHO IS THIS BOOK FOR? This book caters to aspiring Business Intelligence developers, analysts seeking to enhance their skills, and beginners looking to efficiently use tools like Excel. It also appeals to data enthusiasts and serves as a practical

resource for students and educators in data-related fields. If you are a professional from the industry interested in leveraging Power BI and Excel for data-driven decision-making, this book is for you. TABLE OF CONTENTS 1. Introducing the Theoretical Background for Democratizing Analytics 2. Acquiring and transforming data from multiple sources 3. Power Query Transformations and Formula Language (M) Overview 4. Building a simple analytical solution with Power Pivot in Excel 5. Enhancing the model and business analysis with DAX 6. Creating reports in Power BI Desktop 7. Using the Power BI Service 8. Data Science in Power BI 9. Optimizing Power BI models and reports 10. Deploying, Maintaining, and Securing Power BI Assets Index

Analytical Groundwater Modeling

Springer Nature

TAGLINE Empower Your Data Science Journey: From Exploration to Certification in Azure Machine Learning KEY

FEATURES ● Offers deep dives into key areas such as data preparation, model training, and deployment, ensuring you master each concept. ● Covers all exam objectives in detail, ensuring a thorough understanding of each topic required for the DP-100 certification. ● Includes hands-on labs and practical examples to help you apply theoretical knowledge to real-world scenarios, enhancing your learning experience. DESCRIPTION Ultimate Azure Data Scientist Associate (DP-100) Certification Guide is your essential resource for achieving the Microsoft Azure Data Scientist Associate

certification. This guide covers all exam objectives, helping you design and prepare machine learning solutions, explore data, train models, and manage deployment and retraining processes. The book starts with the basics and advances through hands-on exercises and real-world projects, to help you gain practical experience with Azure's tools and services. The book features certification-oriented Q&A challenges that mirror the actual exam, with detailed explanations to help you thoroughly grasp each topic. Perfect for aspiring data scientists, IT professionals, and analysts, this comprehensive guide equips you with the expertise to excel in the DP-100 exam and advance your data science career. WHAT WILL YOU LEARN ● Design and prepare effective machine

learning solutions in Microsoft Azure. ● Learn to develop complete machine learning training pipelines, with or without code. ● Explore data, train models, and validate ML pipelines efficiently. ● Deploy, manage, and optimize machine learning models in Azure. ● Utilize Azure's suite of data science tools and services, including Prompt Flow, Model Catalog, and AI Studio. ● Apply real-world data science techniques to business problems. ● Confidently tackle DP-100 certification exam questions and scenarios. WHO IS THIS BOOK FOR? This book is for aspiring Data Scientists, IT Professionals, Developers, Data Analysts, Students, and Business Professionals aiming to Master Azure Data Science. Prior knowledge of basic Data Science

concepts and programming, particularly in Python, will be beneficial for making the most of this comprehensive guide. TABLE OF CONTENTS 1. Introduction to Data Science and Azure 2. Setting Up Your Azure Environment 3. Data Ingestion and Storage in Azure 4. Data Transformation and Cleaning 5. Introduction to Machine Learning 6. Azure Machine Learning Studio 7. Model Deployment and Monitoring 8. Embracing AI Revolution Azure 9. Responsible AI and Ethics 10. Big Data Analytics with Azure 11. Real-World Applications and Case Studies 12. Conclusion and Next Steps Smart Infrastructure and Applications John Wiley & Sons This book explores the ways in which the adoption of new paradigms, processes,

and technologies can lead to greater revenue, cost efficiency and control, as well as improved business agility in the insurance industry.

Drop Heating and Evaporation: Analytical Solutions in Curvilinear Coordinate Systems Springer Nature

In the ever-evolving landscape of the modern world, the synergy between technology and management has become a cornerstone of innovation and progress. This book, *Implementing Business Intelligence Solutions: Leveraging Data Analytics for Enhanced Decision-Making*, is conceived to bridge the gap between emerging technological advancements in data analytics and their strategic application in business management. Our objective is to equip readers with the tools and insights

necessary to excel in this dynamic intersection of fields. This book is structured to provide a comprehensive exploration of the methodologies and strategies that define the innovation of business intelligence (BI) solutions and their integration into decision-making practices. From foundational theories to advanced applications, we delve into the critical aspects that drive successful BI initiatives in various industries. We have made a concerted effort to present complex concepts in a clear and accessible manner, making this work suitable for a diverse audience, including students, managers, and industry professionals. In authoring this book, we have drawn upon the latest research and best practices to ensure that readers not only gain a robust theoretical

understanding but also acquire practical skills that can be applied in real-world scenarios. The chapters are designed to strike a balance between depth and breadth, covering topics ranging from technological development and data analytics adoption to the strategic management of BI initiatives.

Additionally, we emphasize the importance of effective communication, dedicating sections to the art of presenting data-driven insights and solutions in a precise and academically rigorous manner. The inspiration for this book arises from a recognition of the crucial role that business intelligence and data analytics play in shaping the future of business decision-making. We are profoundly grateful to Chancellor Shri Shiv Kumar Gupta of Maharaja

Agrasen Himalayan Garhwal University for his unwavering support and vision. His dedication to fostering academic excellence and promoting a culture of innovation has been instrumental in bringing this project to fruition. We hope this book will serve as a valuable resource and inspiration for those eager to deepen their understanding of how data analytics and BI can be harnessed together to drive business innovation. We believe that the knowledge and insights contained within these pages will empower readers to lead the way in creating data-driven solutions that will define the future of business decision-making. Thank you for joining us on this journey. Authors

Advanced Analytical Models OECD
Publishing

Unlock the Full Potential of Your Data with the "Power BI Data Mastery Made Easy" Book Bundle! Are you ready to transform your data into actionable insights and make informed decisions that drive success? Look no further! Introducing the "Power BI Data Mastery Made Easy" book bundle, a comprehensive collection of resources that will empower you to harness the true power of Microsoft's leading business intelligence and data visualization tool—Power BI. Here's what you'll discover in this incredible bundle:

Book 1 - Power BI Essentials: A Beginner's Guide to Data Visualization Mastery · Ideal for beginners: Build a solid foundation in data visualization. · Learn to import and transform data from various sources. · Create stunning

visualizations that tell compelling data stories. · Master the art of data analysis and visualization. Book 2 - Mastering Power BI: Advanced Techniques and Best Practices for Analysts · Elevate your skills to the next level with advanced techniques. · Discover best practices for tackling complex analytical challenges. · Master DAX formulas and optimize data models. · Become an analytics expert and excel in your field. Book 3 - Power BI Data Modeling: Building Robust Datasets for Effective Analysis · Unlock the full potential of Power BI with robust data modeling. · Design efficient and flexible data models. · Establish relationships between tables and optimize performance. · Gain the skills to create powerful data sets for effective analysis. Book 4 - Expert Power BI: Advanced

Analytics and Custom Visualizations Mastery · Dive into the world of advanced analytics and custom visuals. · Explore machine learning integration and geographic analysis. · Push the boundaries of data analysis and create custom solutions. · Become a Power BI expert and stand out in your field. Whether you're a business professional, data analyst, or IT specialist, this book bundle equips you with the knowledge and skills needed to transform your data into a valuable asset. With Power BI's dynamic and ever-evolving capabilities, these books will keep you on the cutting edge of data analytics. Don't miss out on this opportunity to embark on a journey of discovery, learning, and mastery in the world of Power BI. Your ability to turn data into actionable insights is the key to

informed decision-making and driving success in today's data-centric environment. Grab the "Power BI Data Mastery Made Easy" book bundle today and start your exciting adventure into the world of Power BI—where data mastery is within reach for everyone! [Implementing Business Intelligence Solutions Leveraging Data Analytics for Enhanced Decision-Making](#) Springer "Building Cloud Data Platforms Solutions: An End-to-End Guide for Designing, Implementing, and Managing Robust Data Solutions in the Cloud" comprehensively covers a wide range of topics related to building data platforms in the cloud. This book provides a deep exploration of the essential concepts, strategies, and best practices involved in designing, implementing, and managing

end-to-end data solutions. The book begins by introducing the fundamental principles and benefits of cloud computing, with a specific focus on its impact on data management and analytics. It covers various cloud services and architectures, enabling readers to understand the foundation upon which cloud data platforms are built. Next, the book dives into key considerations for building cloud data solutions, aligning business needs with cloud data strategies, and ensuring scalability, security, and compliance. It explores the process of data ingestion, discussing various techniques for acquiring and ingesting data from different sources into the cloud platform. The book then delves into data storage and management in the cloud. It covers

different storage options, such as data lakes and data warehouses, and discusses strategies for organizing and optimizing data storage to facilitate efficient data processing and analytics. It also addresses data governance, data quality, and data integration techniques to ensure data integrity and consistency across the platform. A significant portion of the book is dedicated to data processing and analytics in the cloud. It explores modern data processing frameworks and technologies, such as Apache Spark and serverless computing, and provides practical guidance on implementing scalable and efficient data processing pipelines. The book also covers advanced analytics techniques, including machine learning and AI, and demonstrates how these can be

integrated into the data platform to unlock valuable insights. Furthermore, the book addresses an aspects of data platform monitoring, security, and performance optimization. It explores techniques for monitoring data pipelines, ensuring data security, and optimizing performance to meet the demands of real-time data processing and analytics. Throughout the book, real-world examples, case studies, and best practices are provided to illustrate the concepts discussed. This helps readers apply the knowledge gained to their own data platform projects.

Building Cloud Data Platforms Solutions
John Wiley & Sons

This book provides a detailed description of how Python can be used to give insight into the flow of groundwater

based on analytic solutions. Starting with simple problems to illustrate the basic principles, complexity is added step by step to show how one-dimensional and two-dimensional models of one or two aquifers can be implemented. Steady and transient flow problems are discussed in confined, semi-confined, and unconfined aquifers that may include wells, rivers, and areal recharge. Special consideration is given to coastal aquifers, including the effect of tides and the simulation of interface flow. Application of Python allows for compact and readable code, and quick visualization of the solutions. Python scripts are provided to reproduce all results. The scripts are also available online so that they can be altered to meet site-specific conditions. This book

is intended both as training material for the next generation of university students and as a useful resource for practitioners. A primer is included for those who are new to Python or as a refresher for existing users.

Advanced Analytics with Power BI and Excel Springer Science & Business Media
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
szczegółności w rozdziale dotyczącym
zarządzania ludźmi. Opracowanie
ukazuje również, z jakimi wyzwaniem
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
*Ultimate Azure Data Scientist Associate
(DP-100) Certification Guide Springer*

In this book, Dr. Soofastaei and his
colleagues reveal how all mining
managers can effectively deploy
advanced analytics in their day-to-day
operations- one business decision at a
time. Most mining companies have a
massive amount of data at their
disposal. However, they cannot use the
stored data in any meaningful way. The
powerful new business tool-advanced
analytics enables many mining
companies to aggressively leverage their
data in key business decisions and
processes with impressive results. From
statistical analysis to machine learning
and artificial intelligence, the authors
show how many analytical tools can
improve decisions about everything in
the mine value chain, from exploration
to marketing. Combining the science of

advanced analytics with the mining industrial business solutions, introduce the “Advanced Analytics in Mining Engineering Book” as a practical road map and tools for unleashing the potential buried in your company’s data. The book is aimed at providing mining executives, managers, and research and development teams with an understanding of the business value and applicability of different analytic approaches and helping data analytics leads by giving them a business framework in which to assess the value, cost, and risk of potential analytical solutions. In addition, the book will provide the next generation of miners – undergraduate and graduate IT and mining engineering students – with an understanding of data analytics applied

to the mining industry. By providing a book with chapters structured in line with the mining value chain, we will provide a clear, enterprise-level view of where and how advanced data analytics can best be applied. This book highlights the potential to interconnect activities in the mining enterprise better.

Furthermore, the book explores the opportunities for optimization and increased productivity offered by better interoperability along the mining value chain – in line with the emerging vision of creating a digital mine with much-enhanced capabilities for modeling, simulation, and the use of digital twins – in line with leading “digital” industries.

Evaluation of Dredged Material Proposed for Discharge in Waters of the U.S. - Testing Manual (draft) CRC

Press

Unique prospective on the big data analytics phenomenon for both business and IT professionals The availability of Big Data, low-cost commodity hardware and new information management and analytics software has produced a unique moment in the history of business. The convergence of these trends means that we have the capabilities required to analyze astonishing data sets quickly and cost-effectively for the first time in history. These capabilities are neither theoretical nor trivial. They represent a genuine leap forward and a clear opportunity to realize enormous gains in terms of

efficiency, productivity, revenue and profitability. The Age of Big Data is here, and these are truly revolutionary times. This timely book looks at cutting-edge companies supporting an exciting new generation of business analytics. Learn more about the trends in big data and how they are impacting the business world (Risk, Marketing, Healthcare, Financial Services, etc.) Explains this new technology and how companies can use them effectively to gather the data that they need and glean critical insights Explores relevant topics such as data privacy, data visualization, unstructured data, crowd sourcing data scientists, cloud computing for big data, and much more.

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