Big Data Imperatives Enterprise Big Data Warehouse Bi Implementations And Analytics The Experts Voice

Modern Enterprise Business Intelligence and Data Management
Computer Networks, Big Data and IoT
Rethinking crowds and cloud
Learning Analytics: Fundaments, Applications, and Trends
Empowering Businesses With Collaborative Enterprise Architecture Frameworks
A Guide to Conversations for Todays Data Center
Balancing Risk and Innovation
The Next Frontier for Innovation, Competition, and Productivity
Data Governance Principles for Big Data Analytics
Blockchain for Big Data
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Data Analytics and Decision Making in Higher Education
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12th International Conference, KMO 2017, Beijing, China, August 21-24, 2017, Proceedings
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Managing Big Data Integration in the Public Sector
Concepts, Methodologies, Tools, and Applications
Proceedings of the 2nd International Conference of Reliable Information and Communication Technology (IRICT 2017)
A Roadmap for IT Directors, Managers, and Architects
Banking 5.0
A Roadmap for Usage and Exploitation of Big Data in Europe
New Horizons for a Data-Driven Economy
Fail Fast, Learn Faster
Enterprise 'Big Data' Warehouse, 'BI' Implementations and Analytics
How Fintech Will Change Traditional Banks in the 'New Normal' Post Pandemic
Big Data Imperatives

A Practical Guide for Continuous Improvement Professionals in Higher Education
INTRODUCTION TO BIG DATA: INFRASTRUCTURE AND NETWORKING CONSIDERATIONS
Trends and Advances in Information Systems and Technologies
Ensuring that Business and IT are in Synch in the Post-Big Data Era
Big Data Management
Big Data on Campus

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Modern Enterprise Business Intelligence and Data Management
Springer
Digital asset management is undergoing a fundamental transformation. Near universal availability of high-quality web-based assets makes it important to pay attention to the new world of digital ecosystems and what it means for managing, using and publishing digital assets. The Ecosystem of Digital Assets reflects on these developments and what the emerging 'web of things' could mean for digital assets. The book is structured into three parts, each covering an important aspect of digital assets. Part one introduces the emerging ecosystems of digital assets. Part two examines digital asset management in a

networked environment. The third part covers media ecosystems. Looks to the future of digital asset management, focussing on the next generation web Includes up-to date developments in the field, crowd sourcing, and cloud services Details case studies to demonstrate how generic requirements are met in particular cases

Computer Networks, Big Data and IoT

Springer

The book ‘Data Intensive Computing Applications for Big Data’ discusses the technical concepts of big data, data intensive computing through machine learning, soft computing and parallel computing paradigms. It brings together researchers to report their latest results or progress in the development of the above mentioned areas. Since there are few books on this specific subject, the editors aim to provide a common platform for researchers working in this area to exhibit their novel findings. The book is intended as a reference work for advanced undergraduates and graduate students, as well as multidisciplinary, interdisciplinary and transdisciplinary research workers and scientists on the subjects of big data and cloud/parallel and distributed computing, and explains didactically many of the core concepts of these approaches for practical applications. It is organized into 24

chapters providing a comprehensive overview of big data analysis using parallel computing and addresses the complete data science workflow in the cloud, as well as dealing with privacy issues and the challenges faced in a data-intensive cloud computing environment. The book explores both fundamental and high-level concepts, and will serve as a manual for those in the industry, while also helping beginners to understand the basic and advanced aspects of big data and cloud computing.

Rethinking crowds and cloud Springer Nature Webber, Henry Y. Zheng, Ying Zhou

Learning Analytics: Fundaments, Applications, and Trends Technics Publications

Bill Gates' quote, "Banking is necessary, but banks are not," showcases the opportunity for financial services digital transformation. The next transition from industry 4.0 to 5.0 will impact all sectors, including banking. It will combine information technology and automation, based on artificial intelligence, person-robot collaboration, and sustainability. It is time to analyze this transformation in banking deeply, so that the sector can adequately change to the 'New Normal' and a wholly modified banking model can be properly embedded in the business. This book presents a conceptual

model of banking 5.0, detailing its implementation in processes, platforms, people, and partnerships of financial services organizations companies. The last part of the book is then dedicated to future developments. Of interest to academics, researchers, and professionals in banking, financial technology, and financial services, this book also includes business cases in financial services.

Empowering Businesses With Collaborative Enterprise Architecture Frameworks IBM Redbooks

This book presents best selected research papers presented at the International Conference on Computer Networks, Big Data and IoT (ICCBI 2020), organized by Vaigai College Engineering, Madurai, Tamil Nadu, India, during 15–16 December 2020. The book covers original papers on computer networks, network protocols and wireless networks, data communication technologies and network security. The book is a valuable resource and reference for researchers, instructors, students, scientists, engineers, managers and industry practitioners in those important areas.

A Guide to Conversations for Todays Data Center IOS Press

Big data is certainly one of the biggest buzz phrases in IT today. Combined with

virtualization and cloud computing, big data is a technological capability that will force data centers to significantly transform and evolve within the next five years. Similar to virtualization, big data infrastructure is unique and can create an architectural upheaval in the way systems, storage, and software infrastructure are connected and managed. Unlike previous business analytics solutions, the real-time capability of new big data solutions can provide mission critical business intelligence that can change the shape and speed of enterprise decision making forever. Hence, the way in which IT infrastructure is connected and distributed warrants a fresh and critical analysis.

Balancing Risk and Innovation Walter de Gruyter GmbH & Co KG Explore why — now more than ever — the world is in a race to become data-driven, and how you can learn from examples of data-driven leadership in an Age of Disruption, Big Data, and AI In Fail Fast, Learn Faster: Lessons in Data-Driven Leadership in an Age of Disruption, Big Data, and AI, Fortune 1000 strategic advisor, noted author, and distinguished thought leader Randy Bean tells the story of the rise of Big Data and its business impact – its disruptive power, the cultural challenges to becoming data-driven, the importance of data ethics, and the future of data-driven AI. The

book looks at the impact of Big Data during a period of explosive information growth, technology advancement, emergence of the Internet and social media, and challenges to accepted notions of data, science, and facts, and asks what it means to become "data-driven." Fail Fast, Learn Faster includes discussions of: The emergence of Big Data and why organizations must become data-driven to survive Why becoming data-driven forces companies to "think different" about their business The state of data in the corporate world today, and the principal challenges Why companies must develop a true "data culture" if they expect to change Examples of companies that are demonstrating data-driven leadership and what we can learn from them Why companies must learn to "fail fast and learn faster" to compete in the years ahead How the Chief Data Officer has been established as a new corporate profession Written for CEOs and Corporate Board Directors, data professional and practitioners at all organizational levels, university executive programs and students entering the data profession, and general readers seeking to understand the Information Age and why data, science, and facts matter in the world in which we live, Fail Fast, Learn Faster p;is essential reading that delivers an urgent message for the

business leaders of today and of the future.

The Next Frontier for Innovation, Competition, and Productivity Johns Hopkins University Press

Big Data Imperatives, focuses on resolving the key questions on everyone's mind: Which data matters? Do you have enough data volume to justify the usage? How you want to process this amount of data? How long do you really need to keep it active for your analysis, marketing, and BI applications? Big data is emerging from the realm of one-off projects to mainstream business adoption; however, the real value of big data is not in the overwhelming size of it, but more in its effective use. Big Data Imperatives describes the complementary nature of traditional data warehouses and big-data analytics platforms and how they feed each other. This book aims to bring the big data and analytics realms together with a greater focus on architectures that leverage the scale and power of big data and the ability to integrate and apply analytics principles to data which earlier was not accessible. This book can also be used as a handbook for practitioners; helping them on methodology,technical architecture, analytics techniques and best practices. At the same time, this book intends to hold the interest of those new to big data and analytics by giving

them a deep insight into the realm of big data.

Data Governance Principles for Big Data Analytics Emerald Group Publishing

This book includes a selection of papers from the 2018 World Conference on Information Systems and Technologies (WorldCIST'18), held in Naples, Italy on March27-29, 2018. WorldCIST is a global forum for researchers and practitioners to present and discuss recent results and innovations, current trends, professional experiences and the challenges of modern information systems and technologies research together with their technological development and applications. The main topics covered are: A) Information and Knowledge Management; B) Organizational Models and Information Systems; C) Software and Systems Modeling; D) Software Systems, Architectures, Applications and Tools; E) Multimedia Systems and Applications; F) Computer Networks, Mobility and Pervasive Systems; G) Intelligent and Decision Support Systems; H) Big Data Analytics and Applications; I) Human–Computer Interaction; J) Ethics, Computers & Security; K) Health Informatics; L) Information Technologies in Education; M) Information Technologies in Radiocommunications; N) Technologies for Biomedical Applications.

Blockchain for Big Data
Big Data ImperativesEnterprise 'Big Data' Warehouse, 'BI' Implementations and Analytics
In all enterprises around the world, the issues, opportunities and challenges of aligning IT more closely with the organization and effectively governing an organizations IT investments, resources, major initiatives and superior uninterrupted service is becoming a major concern of the Board and executive management. An integrated and comprehensive approach to the alignment, planning, execution and governance of IT and its resources has become critical to more effectively align, integrate, invest, measure, deploy, service and sustain the strategic and tactical direction and value proposition of IT in support of organizations. Much has been written and documented about the individual components of IT Governance such as strategic planning, demand management, program and project management, IT service management, strategic sourcing and outsourcing, performance management, metrics, compliance and others. Much less has been written about a comprehensive and integrated approach
McGraw-Hill/Osborne Media
In recent years, the fast-paced development of social information and

networks has led to the explosive growth of data. A variety of big data have emerged, encouraging researchers to make business decisions by analysing this data. However, many challenges remain, especially concerning data security and privacy. Big data security and privacy threats permeate every link of the big data industry chain, such as data production, collection, processing, and sharing, and the causes of risk are complex and interwoven. Blockchain technology has been highly praised and recognised for its decentralised infrastructure, anonymity, security, and other characteristics, and it will change the way we access and share information. In this book, the author demonstrates how blockchain technology can overcome some limitations in big data technology and can promote the development of big data while also helping to overcome security and privacy challenges. The author investigates research into and the application of blockchain technology in the field of big data and assesses the attendant advantages and challenges while discussing the possible future directions of the convergence of blockchain and big data. After mastering concepts and technologies introduced in this work, readers will be able to understand the

technical evolution, similarities, and differences between blockchain and big data technology, allowing them to further apply it in their development and research. Author: Shaoliang Peng is the Executive Director and Professor of the College of Computer Science and Electronic Engineering, National Supercomputing Centre of Hunan University, Changsha, China. His research interests are high-performance computing, bioinformatics, big data, AI, and blockchain.

Effective database design techniques for data architects and business intelligence professionals Springer This book is a revised edition of the best selling title Implementing IT Governance (ISBN 978 90 8753 119 5).For trainers free additional material of this book is available. This can be found under the "Training Material" tab. Log in with your trainer account to access the material.In all enterprises around the world, the issues, opportunities and challenges of aligning IT more closely with the organization and effectively governing an organization s IT investments, resources, major initiatives and superior uninterrupted service is becoming a major concern of the Board and executive management. An integrated and comprehensive approach to the alignment, planning,

execution and governance of IT and its resources has become critical to more effectively align, integrate, invest, measure, deploy, service and sustain the strategic and tactical direction and value proposition of IT in support of organizations.Much has been written and documented about the individual components of IT Governance such as strategic planning, demand management, program and project management, IT service management, strategic sourcing and outsourcing, performance management, metrics, compliance and others. Much less has been written about a comprehensive and integrated approach for IT/Business Alignment, Planning, Execution and Governance. This title fills that need in the marketplace and offers readers structured and practical solutions using the best of the best practices available today. The book is divided into two parts, which cover the three critical pillars necessary to develop, execute and sustain a robust and effective IT governance environment:- Leadership, people, organization and strategy,- IT governance, its major component processes and enabling technologies.Each of the chapters also covers one or more of the following action oriented topics: - the why and what of IT: strategic planning, portfolio investment

management, decision authority, etc.; - the how of IT: Program/Project Management, IT Service Management (including ITIL); Strategic Sourcing and outsourcing; performance, risk and contingency management (including COBIT, the Balanced Scorecard etc.) and leadership, team management and professional competences.

Springer

This book focuses on understanding the analytics knowledge management process and its comprehensive application to various socioeconomic sectors. Using cases from Latin America and other emerging economies, it examines analytics knowledge applications where a solution has been achieved. Written for business students and professionals as well as researchers, the book is filled with practical insight into applying concepts and implementing processes and solutions. The eleven case studies presented in the book incorporate the whole analytics process and are useful reference examples for applying the analytics process for SME organizations in both developing and developed economies. The cases also identify multiple tacit factors to deal with during the implementation of analytics knowledge management processes. These factors, which include data cleaning, data gathering, and interpretation of results, are not always

easily identified by analytics practitioners. This book promotes the understanding of analytics methods and techniques. It guides readers through numerous techniques and methods available to analytics practitioners by explaining the strengths and weaknesses of these methods and techniques.

The Fight for a Human Future at the New Frontier of Power John Wiley & Sons

Increasingly, organizations allocate a substantial financial budget to the acquisition, implementation, and management of IT solutions. IT solutions are employed strategic partners in supporting business strategic outcome, and the solutions are tools used to support operational activities within an environment. Given the vast amounts being invested in IT solutions and development, there is a need for a better return and outcome for organizations. Empowering Businesses With Collaborative Enterprise Architecture Frameworks is an essential reference source that provides readers with pragmatic, implementable strategies and direction to create IT with collaborative capabilities that can reduce the cost of running IT within an organization. Moreover, the book offers pragmatic roadmaps to adopting

disruptive IT solutions effectively and efficiently and towards gaining a better understanding of enterprise architecture as a means to business decision making. Featuring research on topics such as business engineering, cloud computing, and open systems, this book is ideally designed for managers, directors, and other business decision makers; government and industry policymakers; business and enterprise architects; industry professionals; academicians; researchers; and students.

Data Analytics and Decision Making in Higher Education Van Haren

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Lean Six Sigma in Higher Education Springer Nature

The digital age has transformed business opportunities and strategies in a resolutely practical and data-driven project universe. This book is a comprehensive and analytical source on entrepreneurship and Big Data that prospective entrepreneurs must know before embarking upon an entrepreneurial journey in this present age of digital transformation. This book provides an overview of the various aspects of entrepreneurship, function, and

contemporary forms. It covers a real-world understanding of how the entrepreneurial world works and the required new analytics thinking and computational skills. It also encompasses the essential elements needed when starting an entrepreneurial journey and offers inspirational case studies from key industry leaders. Ideal reading for aspiring entrepreneurs, Entrepreneurship and Big Data: The Digital Revolution is also useful to students, academicians, researchers, and practitioners.

Lessons in Data-Driven Leadership in an Age of Disruption, Big Data, and AI CRC Press

This book constitutes selected papers from the 16th European, Mediterranean, and Middle Eastern Conference, EMCIS 2019, held in Dubai, UAE, in October 2019. EMCIS is dedicated to the definition and establishment of Information Systems as a discipline of high impact for the methodical community and IS professionals, focusing on approaches that facilitate the identification of innovative research of significant relevance to the IS discipline. The 48 full papers presented in this volume were carefully reviewed and selected from a total of 138 submissions. They were organized in topical sections named: Big Data and Analytics; Blockchain Technology and Applications; Cloud

Computing; Digital Services and Social Media; e-Government; Enterprise Information Systems; Health-Care Information Systems; Information Systems Security and Information Privacy Protection; Innovative Research Projects; IT Governance; and Management and Organizational Issues in Information Systems.

12th International Conference, KMO 2017, Beijing, China, August 21-24, 2017, Proceedings Morgan Kaufmann

This book contains the refereed proceedings of the 12th International Conference on Knowledge Management in Organizations, KMO 2017, held in Beijing, China, in August 2017. The theme of the conference was "Emerging Technology and Knowledge Management in Organizations." The 45 contributions accepted for KMO 2017 were selected from 112 submissions and are organized in topical sections on: Knowledge Management Models and Behaviour Studies; Knowledge Sharing; Knowledge Transfer and Learning; Knowledge and Service Innovation; Knowledge and Organization; Information Systems Research; Value Chain and Supply Chain; Knowledge Re-presentation and Reasoning; Data Mining and Intelligent Science; Big Data Management; Internet of Things and Network.

Recent Trends in Information and

Communication Technology IGI Global In this book readers will find technological discussions on the existing and emerging technologies across the different stages of the big data value chain. They will learn about legal aspects of big data, the social impact, and about education needs and requirements. And they will discover the business perspective and how big data technology can be exploited to deliver value within different sectors of the economy. The book is structured in four parts: Part I “The Big Data Opportunity” explores the value potential of big data with a particular focus on the European context. It also describes the legal, business and social dimensions that need to be addressed, and briefly introduces the European Commission’s BIG project. Part II “The Big Data Value Chain” details the complete big data lifecycle from a technical point of view, ranging from data acquisition, analysis, curation and storage, to data usage and exploitation. Next, Part III “Usage and Exploitation of Big Data” illustrates the value creation possibilities of big data applications in various sectors, including industry, healthcare, finance, energy, media and public services. Finally, Part IV “A Roadmap for Big Data Research” identifies and prioritizes the cross-sectorial requirements for big

data research, and outlines the most urgent and challenging technological, economic, political and societal issues for big data in Europe. This compendium summarizes more than two years of work performed by a leading group of major European research centers and industries in the context of the BIG project. It brings together research findings, forecasts and estimates related to this challenging technological context that is becoming the major axis of the new digitally transformed business environment. *Volume 2* Van Haren Master a proven approach to create, implement, and sustain a data strategy. Pervasive, data is a unique organizational resource, and this distinction warrants its own strategy. Data, representing your single non-depletable, non-degradable, durable strategic asset, is likely also your most poorly leveraged and underutilized organizational asset. Lack of talent, barriers in organizational thinking, and seven specific data sins prevent most organizations from benefiting fully from their data asset investments. Solving these prerequisites will allow your organization to: Improve your organization’s data; Improve the way your people use data; and Improve the way your people use data to achieve your organizational strategy. This method better focuses data

and thinking in direct support of strategic objectives. After eliminating necessary prerequisites, organizations can develop a disciplined and repeatable means of improving their data, literacy, standards, and controls using data governance practices. Once in place, the process (based on the theory of constraints) becomes a variant of lather, rinse, and repeat. Several complementary concepts covered include: An overview of data strategy prerequisites; A repeatable process for identifying and removing data constraints; Why data strategy is necessary for effective data governance; Balancing operational results with capability development; An objective definition of data-centric thinking; and Ways to monetize these efforts.