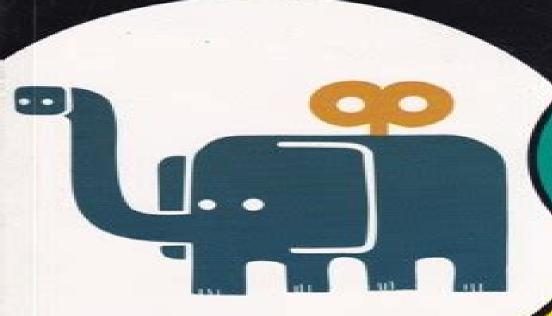
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Hadoop For Dummies Dirk deRoos, 2014-04-14 Let Hadoop For Dummies help harness the power of your data and rein in the information overload Big data has become big business and companies and organizations of all sizes are struggling to find ways to retrieve valuable information from their massive data sets with becoming overwhelmed Enter Hadoop and this easy to understand For Dummies guide Hadoop For Dummies helps readers understand the value of big data make a business case for using Hadoop navigate the Hadoop ecosystem and build and manage Hadoop applications and clusters Explains the origins of Hadoop its economic benefits and its functionality and practical applications Helps you find your way around the Hadoop ecosystem program MapReduce utilize design patterns and get your Hadoop cluster up and running quickly and easily Details how to use Hadoop applications for data mining web analytics and personalization large scale text processing data science and problem solving Shows you how to improve the value of your Hadoop cluster maximize your investment in Hadoop and avoid common pitfalls when building your Hadoop cluster From programmers challenged with building and maintaining affordable scaleable data systems to administrators who must deal with huge volumes of information effectively and efficiently this how to has something to help you with Hadoop Applications, Hadoop Technologies and Hive Dr.P.Pushpa, Dr.V.Thamilarasi, Dr. S. Lakshmi Prabha, Mrs. Sudha Nagarajan, 2024-04-22 Dr P Pushpa Lecturer School of Software Engineering East China University of Technology Nanchang Jiangxi China Dr V Thamilarasi Assistant Professor Department of Computer Science Sri Sarada College for Women Autonomous Salem Tamil Nadu India Dr S Lakshmi Prabha Associate Professor Department of Computer Science Seethalakshmi Ramaswami College Tiruchirappalli Tamil Nadu India Mrs Sudha Nagarajan Assistant Professor Department of Computer Science Excel College for Commerce and Science Komarapalayam Namakkal Tamil Nadu India "e;Insanely Great"e; Resources -- Big Data Benjamin Kerschberg,2014-04-03 101 e Insanely Greate Resources BIG DATA is an easy to use introduction to the world of Big Data particularly to 101 important resources for understanding the topic It is filled with embedded links that take you directly to the Big Data section of a particular resources or to more specific sites such as Data Science Central or journals BigData Analytics: Solution Or Resolution? Binayaka Mishra, 2017-06-26 In 1997 NASA researchers Michael Cox and David Ellsworth publish Application controlled demand paging for out of core visualization in the Proceedings of the IEEE 8th conference on Visualization They start the article with Visualization provides an interesting challenge for computer systems data sets are generally quite large taxing the capacities of main memory local disk and even remote disk We call this the problem of big data When data sets do not fit in main memory in core or when they do not fit even on local disk the most common solution is to acquire more resources It is the first article in the ACM digital library to use the term big data Michael Lesk publishes How much information is there in the world Lesk concludes that There may be a few thousand petabytes of information all told and the production of tape and disk will reach that level

by the year 2000 So in only a few years a we will be able to save everything no information will have to be thrown out and b the typical piece of information will never be looked at by a human being Big Data Networked Storage Solution for Hadoop Prem Jain, Stewart Tate, IBM Redbooks, 2013-07-12 This IBM RedpaperTM provides a reference architecture based on Apache Hadoop to help businesses gain control over their data meet tight service level agreements SLAs around their data applications and turn data driven insight into effective action Big Data Networked Storage Solution for Hadoop delivers the capabilities for ingesting storing and managing large data sets with high reliability IBM InfoSphere Big InsightsTM provides an innovative analytics platform that processes and analyzes all types of data to turn large complex data into insight IBM InfoSphere BigInsights brings the power of Hadoop to the enterprise With built in analytics extensive integration capabilities and the reliability security and support that you require IBM can help put your big data to work for you This IBM Redpaper publication provides basic guidelines and best practices for how to size and configure Big Data Networked Storage Solution for Hadoop INTERNATIONAL CONFERENCE ON ADVANCES IN BUSINESS MANAGEMENT AND INTELLIGENCE SYSTEM-22, *Understanding Big Data: Analytics for Enterprise Class Hadoop and Streaming Data Paul Zikopoulos, Chris* Eaton, 2011-10-22 Big Data represents a new era in data exploration and utilization and IBM is uniquely positioned to help clients navigate this transformation This book reveals how IBM is leveraging open source Big Data technology infused with IBM technologies to deliver a robust secure highly available enterprise class Big Data platform The three defining characteristics of Big Data volume variety and velocity are discussed You ll get a primer on Hadoop and how IBM is hardening it for the enterprise and learn when to leverage IBM InfoSphere BigInsights Big Data at rest and IBM InfoSphere Streams Big Data in motion technologies Industry use cases are also included in this practical guide Learn how IBM hardens Hadoop for enterprise class scalability and reliability Gain insight into IBM s unique in motion and at rest Big Data analytics platform Learn tips and tricks for Big Data use cases and solutions Get a guick Hadoop primer **Harness the Power of** Big Data The IBM Big Data Platform Paul Zikopoulos, Dirk deRoos, Krishnan Parasuraman, Thomas Deutsch, James Giles, David Corrigan, 2012-11-08 Boost your Big Data IQ Gain insight into how to govern and consume IBM s unique in motion and at rest Big Data analytic capabilities Big Data represents a new era of computing an inflection point of opportunity where data in any format may be explored and utilized for breakthrough insights whether that data is in place in motion or at rest IBM is uniquely positioned to help clients navigate this transformation This book reveals how IBM is infusing open source Big Data technologies with IBM innovation that manifest in a platform capable of changing the game The four defining characteristics of Big Data volume variety velocity and veracity are discussed You ll understand how IBM is fully committed to Hadoop and integrating it into the enterprise Hear about how organizations are taking inventories of their existing Big Data assets with search capabilities that help organizations discover what they could already know and extend their reach into new data territories for unprecedented model accuracy and discovery In this book you will also learn not just

about the technologies that make up the IBM Big Data platform but when to leverage its purpose built engines for analytics on data in motion and data at rest And you ll gain an understanding of how and when to govern Big Data and how IBM s industry leading InfoSphere integration and governance portfolio helps you understand govern and effectively utilize Big BPM Everywhere Nathaniel Palmer, Scott Francis, Peter Data Industry use cases are also included in this practical guide Whibley, Surendra Reddy, Peter Fingar, Dr Setrag Khoshafian, Larry Hawes, Charles Webster, Vinay Mummigatti, Roy Altman, James Taylor, Joseph B. Lail, Keith D. Swenson, Rudiger Pryss, Stuart Chandler, David RR Webber, Mark Casey, Wil van der Aalst, Dr Anne Rozinat, Matthias Walter, Mara Nikolaidou, Alberto Manuel, 2019-10-23 We are entering an entirely new phase of BPM the era of BPM Everywhere or BPME BPME represents the strategy for leveraging not simply surviving but fully exploiting the wave of disruption facing every business over the next 5 years and beyond Without question one of the single most disruptive events in the last decade was the introduction of the smartphone Consider for a moment how great of an impact this has had on the relationship between businesses and their customers Not even the emergence of the Web and Internet based digital native business models can compare with the level of intimacy now available with your customers In the era of the Internet of Things where smart homes appliances cars phones virtually imaginable devices are all connected BPM must and will be everywhere As Peter Whibley discusses in The Internet of Things Will Be Invisible by 2025 there are expected to be more than 26 billion or more connected devices In the chapter Digital Prescriptive Maintenance Disrupting Manufacturing through IoT Big Data and Dynamic Case Management Dr Setrag Khoshafian introduces the 4 Vs of thing data specifically Volume Velocity Variety and Value From monitors and remote sensors to appliances and vehicles to tens of billions of other things connected devices are generating meaningful and informative data that would easily overwhelm any human being but collectively they present critical context about processes and the state of operations Big Data has never been so large nor presented such an acute role within enterprises and the processes that drive them BPME as well as traditional BPM methods can already be found at the center of this Its role will grow exponentially Emergent factors such as process mining see chapter Mining the Swarm by Keith Swenson et al will be critical for uncovering engagement patterns and the need for process management platforms to coordinate interaction and control of smart devices It is intelligent BPM that is expanding the window of what can be automated by enabling adaptable automation The mobile strategies in far too many organizations seem to be the building of apps that presume that customers will use their smartphones like mini laptops This avoids the fact that we now have a level of intimacy with our customer we ve never had before As discussed in the chapter BPM to Go Supporting Business Processes in a Mobile and Sensing World our customers are carrying around a device that offers a range of capabilities unlike any laptop A smartphone produces volumes of meaningful data about our customers think about the 4Vs and is able to interact with that customer in ways that a laptop never can The growing ubiquity of connectivity always within reach combined with new services and capabilities such as mobile banking is a key

part of driving constantly changing expectations Yet digital disruption is not limited to mobile devices and is in fact disrupting everywhere BPM is otherwise found and why BPM everywhere is becoming the new normal DATA SCIENCE MENGGUNAKAN BAHASA R Dr. Adi Nugroho, ST, MMSI,2024-05-15 Data Science merupakan suatu bidang ilmu yang relatif baru di Indonesia yang tujuan utamanya adalah memahami dan menganalisis segala fenomena yang berkaitan dengan data yang bertipe terstruktur semi terstruktur serta tidak terstruktur yang datang dari berbagai sumber data datasource yangsangat beragam meskipun saat ini sumber data yang terutama berasal dari Big Data dan atau loT Internet of Things menggunakan pengetahuan yang terutama Matematika Statistika Ilmu Informasi Information Science serta Ilmu Komputer terutama Kecerdasan Buatan AI Artificial Intelligence McKinsey Company pada tahun 2018 melakukan survei tentang berapa sesungguhnya kebutuhan Data Scientist di Amerika Serikat pada tahun itu dan hasilnya menunjukkan bahwa dibutuhkan sekitar 140 000 190 000 Data Scientist peningkatan sekitar 6 5 kali lipat dibandingkan tahun sebelumnya Dalam hal ini kita juga bisa memperkirakan bahwa kebutuhan Data Scientist di Indonesia dalam beberapa tahun mendatang juga akan sangat tinggi terutama jika kita mengingat salah satu kebijakan ekonomi pemerintah Indonesia saat ini yang pada tahun tahun mendatang akan lebih fokus pada berbagai bentuk perekonomian digital seperti contohnya perdagangan barang dan jasa melalui jaringan Internet e Commerce Dengan demikian buku yang berjudul Data Science Menggunakan Bahasa R Analisis Data Visualisasi serta Pemodelan ini diharapkan akan memberi pemahaman tentang beberapa metode Data Science yang paling sering digunakan oleh seorang Data Scientist untuk melakukan berbagai analisis data data analytics kepada kalangan akademisi para mahasiswa di jurusan jurusan yang terkait dengan Ilmu Komputer dan atau Informatika dan pada para praktisi di seluruh Indonesia Fundamentals of Big Data Analytics Dr.T.Vijaya Saradhi ,Dr. Syed Azahad ,Mr Sreejith R,Dr.Sreekumar Narayanan ,2022-05-02 Fundamentals of Big Data Analytics written by Dr Thomman Vijaya SaradhiDr Syed Azahad Mr Sreejith R Dr Sreekumar Narayanan BIG DATA ANALYTICS IN COMPUTATIONAL GENOME SEQUENCE ANALYSIS Dr. F. Amul Mary & Dr. S. Jyothi, 2022-01-18 The genomes in human body programs the blueprint of one s life but the functions of those genomes nearly three billion genome bases are not known The genome sequence in human being gives the fundamental rules for human biology Science makes every effort to reveal the laws of nature and critical understanding of the biology Scientists in the life science field are seeking genetic variants associated with multifaceted set of observable characteristics to advance our understanding about genetics Technological advancements are assisting the scientists to quickly create store and analyze the data as fast as possible and as efficient as possible The NCBI and other organizations maintain genome sequences proteins RNA DNA and other information of all species as well as their behavioral data There is a lot and lot of data Translating these data into useful insights which can be used for research and innovation is a main Economies of Writing Bruce Horner, Brice Nordquist, Susan M. Ryan, 2017-03-01 Economies of Writing advances concern scholarship on political economies of writing and writing instruction considering them in terms of course subject pedagogy

technology and social practice Taking the economic as a necessary point of departure and contention for the field the collection insists that writing concerns are inevitably participants in political markets in their consideration of forms of valuation production and circulation of knowledge with labor and with capital Approaching the economic as plural contingent and political chapters explore complex forces shaping the production and valuation of literacies languages identities and institutions and consider their implications for composition scholarship teaching administration and public rhetorics Chapters engage a range of issues including knowledge transfer cyberpublics graduate writing courses and internationalized web domains Economies of Writing challenges dominant ideologies of writing writing skills writing assessment language writing technology and public rhetoric by revealing the complex and shifting valuations of writing practices as they circulate within and across different economies. The volume is a significant contribution to rhetoric and composition s understanding of and ways to address its seemingly perennial unease about its own work Contributors Anis Bawarshi Deborah Brandt Jenn Fishman T R Johnson Jay Jordan Kacie Kiser Steve Lamos Donna LeCourt Rebecca Lorimer Leonard Samantha Looker Katie Malcolm Paul Kei Matsuda Joan Mullin Jason Peters Christian J Pulver Kelly Ritter Phyllis Mentzell Ryder Tony Scott Scott Wible Yuching Jill Yang James T Zebroski **Serving Online Customers** Donald A. Barclay, 2014-07-23 Before the Web existed anyone who wanted free information had to use the library Now a wealth of information on every possible service is accessible online To compete in the digital age libraries must provide outstanding customer service to their virtual users In Serving Online Customers Lessons for Libraries from the Business World Donald A Barclay carefully examines business literature to identify the best customer service practices of online companies and shows readers how to adapt these practices to the library environment Chapter coverage includes these critical areas Improving the Self Service Experience Bringing Reference Service to the Online CustomerAdding Libraries to the Distance Education MixDesigning Library Websites for Both Trust and PleasureImplementing Recommendation Agents and Avatars into Online ServicesLinking Continuous Assessment to Online Service Improvement This book will help any library greatly enhance their online users experience and help bring new users to the library Computational Intelligence for Multimedia Big Data on the Cloud with Engineering Applications Arun Kumar Sangaiah, Zhiyong Zhang, Michael Sheng, 2018-08-21 Computational Intelligence for Multimedia Big Data on the Cloud with Engineering Applications covers timely topics including the neural network NN particle swarm optimization PSO evolutionary algorithm GA fuzzy sets FS and rough sets RS etc Furthermore the book highlights recent research on representative techniques to elaborate how a data centric system formed a powerful platform for the processing of cloud hosted multimedia big data and how it could be analyzed processed and characterized by CI The book also provides a view on how techniques in CI can offer solutions in modeling relationship pattern recognition clustering and other problems in bioengineering It is written for domain experts and developers who want to understand and explore the application of computational intelligence aspects opportunities and challenges for design and development of a data

centric system in the context of multimedia cloud big data era and its related applications such as smarter healthcare homeland security traffic control trading analysis and telecom etc Researchers and PhD students exploring the significance of data centric systems in the next paradigm of computing will find this book extremely useful Presents a brief overview of computational intelligence paradigms and its significant role in application domains Illustrates the state of the art and recent developments in the new theories and applications of CI approaches Familiarizes the reader with computational intelligence concepts and technologies that are successfully used in the implementation of cloud centric multimedia services in massive data processing Provides new advances in the fields of CI for bio engineering application Framing Big Data Maria Cristina Paganoni, 2019-07-03 This book addresses big data as a socio technical construct with huge potential for innovation in key sectors such as healthcare government and business Big data and its increasingly widespread use in such influential spheres can generate ethically controversial decisions including questions surrounding privacy consent and accountability This book attempts to unpack the epistemological implications of the term big data as well as the opportunities and responsibilities which come with it The author analyses the linguistic texture of the big data narrative in the news media in healthcare and in EU law on data protection in order to contribute to its understanding from the critical perspective of language studies The result is a study which will be of interest to students and scholars working in the digital humanities corpus linguistics and discourse studies Rhetorical Machines John Jones, Lavinia Hirsu, 2019-07-02 A landmark volume that explores the interconnected nature of technologies and rhetorical practice Rhetorical Machines addresses new approaches to studying computational processes within the growing field of digital rhetoric While computational code is often seen as value neutral and mechanical this volume explores the underlying and often unexamined modes of persuasion this code engages In so doing it argues that computation is in fact rife with the values of those who create it and thus has powerful ethical and moral implications From Socrates s critique of writing in Plato s Phaedrus to emerging new media and internet culture the scholars assembled here provide insight into how computation and rhetoric work together to produce social and cultural effects This multidisciplinary volume features contributions from scholar practitioners across the fields of rhetoric computer science and writing studies It is divided into four main sections Emergent Machines examines how technologies and algorithms are framed and entangled in rhetorical processes Operational Codes explores how computational processes are used to achieve rhetorical ends Ethical Decisions and Moral Protocols considers the ethical implications involved in designing software and that software s impact on computational culture and the final section includes two scholars responses to the preceding chapters Three of the sections are prefaced by brief conversations with chatbots autonomous computational agents addressing some of the primary questions raised in each section At the heart of these essays is a call for emerging and established scholars in a vast array of fields to reach interdisciplinary understandings of human machine interactions This innovative work will be valuable to scholars and students in a variety of disciplines

including but not limited to rhetoric computer science writing studies and the digital humanities Marketing Analytics <u>Practitioner's Guide, The - Volume 1: Brand And Consumer</u> Ashok Charan, 2023-09-13 As the use of analytics becomes increasingly important in today s business landscape The Marketing Analytics Practitioner's Guide MAPG provides a thorough understanding of marketing management concepts and their practical applications making it a valuable resource for professionals and students alike The four volume compendium of MAPG provides an in depth look at marketing management concepts and their practical applications equipping readers with the knowledge and skills needed to effectively inform daily marketing decisions and strategy development and implementation It seamlessly blends the art and science of marketing reflecting the discipline s evolution in the era of data analytics Whether you re a seasoned marketer or new to the field the MAPG is an essential guide for mastering the use of analytics in modern marketing practices Volume I is focused on Brand and Consumer Part I of this volume is dedicated to understanding the concepts and methods of brand sensing and brand equity It delves into the analytic techniques used to track and profile brand image and explains the key components of brand equity how to measure it and what factors drive it It provides readers with a comprehensive framework for measuring and understanding brand equity and the tools to pursue its growth Part II of this volume focuses on understanding consumers through qualitative and quantitative research methods segmentation customer satisfaction customer value management consumer panels consumer analytics and big data The volume covers the analytic tools used to extract insights from consumer transactions which are becoming increasingly important in today s data driven world It also covers the use of consumer analytics and big data specifically within consumer markets XIII Mediterranean Conference on Medical and Biological Engineering and Computing 2013 Laura M. Roa Romero, 2013-10-01 The general theme of MEDICON 2013 is Research and Development of Technology for Sustainable Healthcare This decade is being characterized by the appearance and use of emergent technologies under development This situation has produced a tremendous impact on Medicine and Biology from which it is expected an unparalleled evolution in these disciplines towards novel concept and practices The consequence will be a significant improvement in health care and well fare i e the shift from a reactive medicine to a preventive medicine This shift implies that the citizen will play an important role in the healthcare delivery process what requires a comprehensive and personalized assistance In this context society will meet emerging media incorporated to all objects capable of providing a seamless adaptive anticipatory unobtrusive and pervasive assistance The challenge will be to remove current barriers related to the lack of knowledge required to produce new opportunities for all the society while new paradigms are created for this inclusive society to be socially and economically sustainable and respectful with the environment In this way these proceedings focus on the convergence of biomedical engineering topics ranging from formalized theory through experimental science and technological development to practical clinical applications Biq Data und Advanced Analytics im Controlling Andreas Vorndran, 2024-04-30 Die Digitalisierung und

Entwicklungen im Gebiet der k nstlichen Intelligenz haben in den letzten Jahren erhebliche Ver nderungen in der Gesellschaft und der Unternehmenspraxis hervorgerufen Aufkommende Technologien in den Feldern Big Data und Advanced Analytics werden auch im Controlling zunehmend diskutiert oder bereits eingesetzt Dabei befinden sich der Wissensstand inwieweit Big Data und Advanced Analytics das Controlling beeinflussen und ver ndern k nnen und die praktische Anwendung noch in einem fr hen Stadium Diese Arbeit befasst sich deshalb mit der Untersuchung der m glichen Auswirkungen von Big Data und Advanced Analytics im Controlling Vor diesem Hintergrund werden die Einfl sse dieser digitalen Trends auf den Informationsversorgungsprozess des Controllings auf die Erf llung Controlling spezifischer Anforderungen an Informationen und auf das Forecasting die Budgetierung und die strategische Planung analysiert Ferner werden praxisrelevante Herausforderungen Grenzen und Risiken bei der Implementierung und Nutzung identifiziert sowie Implikationen zu deren Umgang zur Aussch pfung der Potenziale abgeleitet

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