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Beyond Big Data - Martin Oberhofer
2014-10-17
Drive Powerful Business Value by Extending
MDM to Social, Mobile, Local, and Transactional
Data Enterprises have long relied on Master

Data Management (MDM) to improve customer-related processes. But MDM was designed primarily for structured data. Today, crucial information is increasingly captured in unstructured, transactional, and social formats:

from tweets and Facebook posts to call center transcripts. Even with tools like Hadoop, extracting usable insight is difficult—often, because it's so difficult to integrate new and legacy data sources. In *Beyond Big Data*, five of IBM's leading data management experts introduce powerful new ways to integrate social, mobile, location, and traditional data. Drawing on pioneering experience with IBM's enterprise customers, they show how Social MDM can help you deepen relationships, improve prospect targeting, and fully engage customers through mobile channels. Business leaders and practitioners will discover powerful new ways to combine social and master data to improve performance and uncover new opportunities. Architects and other technical leaders will find a complete reference architecture, in-depth coverage of relevant technologies and use cases, and domain-specific best practices for their own projects. Coverage Includes How Social MDM extends fundamental MDM concepts and

techniques Architecting Social MDM: components, functions, layers, and interactions Identifying high value relationships: person to product and person to organization Mapping Social MDM architecture to specific products and technologies Using Social MDM to create more compelling customer experiences Accelerating your transition to highly-targeted, contextual marketing Incorporating mobile data to improve employee productivity Avoiding privacy and ethical pitfalls throughout your ecosystem Previewing Semantic MDM and other emerging trends [Handbook of Human Immunology, Second Edition](#) - Maurice R.G. O'Gorman 2008-02-15 Since the publication of the first edition of the *Handbook of Human Immunology* in 1997, major scientific achievements have directly contributed to an increased understanding of the complexities of the human immune system in health and disease. Whether as a result of the sequencing of the entire human genome, or of

technological advancements, several new components of the immune system have been revealed, along with new technologies for their measurement and evaluation. Major breakthroughs in the field include an increase in the number of recognized "clusters of differentiation" on the surface of leukocytes and associated cells, the establishment of a chemokine and chemokine receptor nomenclature system, the discovery of more than 30 lymphokines, and humanized monoclonal antibody therapy as a staple of pharmacologic armamentarium. Modeling the previous edition, the text begins with an overview of the immune system, focusing on the role of cell receptors, accessory molecules, and cytokines in immune responses and immunological disorders. It then presents a practical, easy-to-read chapter on "statistics in immunological testing"—an invaluable asset for interpreting test results, validating new tests, and developing reference ranges.

Simultaneously, the text emphasizes clinically relevant immunological parameters and clarifies the basic principles underlying immune system assays, and applications and interpretations of immune tests. A complete guide to molecular and cellular immunology for practicing clinicians, clinical laboratory professionals, and students, this resource combines basic explanations of laboratory tests with more than 100 tables full of references, and up-to-date information on new developments in immunogenetics.

Modern Industrial Statistics - Ron S. Kenett
2014-01-28

Fully revised and updated, this book combines a theoretical background with examples and references to R, MINITAB and JMP, enabling practitioners to find state-of-the-art material on both foundation and implementation tools to support their work. Topics addressed include computer-intensive data analysis, acceptance sampling, univariate and multivariate statistical

process control, design of experiments, quality by design, and reliability using classical and Bayesian methods. The book can be used for workshops or courses on acceptance sampling, statistical process control, design of experiments, and reliability. Graduate and post-graduate students in the areas of statistical quality and engineering, as well as industrial statisticians, researchers and practitioners in these fields will all benefit from the comprehensive combination of theoretical and practical information provided in this single volume. Modern Industrial Statistics: With applications in R, MINITAB and JMP: Combines a practical approach with theoretical foundations and computational support. Provides examples in R using a dedicated package called MISTAT, and also refers to MINITAB and JMP. Includes exercises at the end of each chapter to aid learning and test knowledge. Provides over 40 data sets representing real-life case studies. Is complemented by a comprehensive website

providing an introduction to R, and installations of JMP scripts and MINITAB macros, including effective tutorials with introductory material: www.wiley.com/go/modern_industrial_statistics.

Data Mining: Concepts and Techniques -

Jiawei Han 2011-06-09

Data Mining: Concepts and Techniques provides the concepts and techniques in processing gathered data or information, which will be used in various applications. Specifically, it explains data mining and the tools used in discovering knowledge from the collected data. This book is referred as the knowledge discovery from data (KDD). It focuses on the feasibility, usefulness, effectiveness, and scalability of techniques of large data sets. After describing data mining, this edition explains the methods of knowing, preprocessing, processing, and warehousing data. It then presents information about data warehouses, online analytical processing (OLAP), and data cube technology. Then, the methods involved in mining frequent patterns,

associations, and correlations for large data sets are described. The book details the methods for data classification and introduces the concepts and methods for data clustering. The remaining chapters discuss the outlier detection and the trends, applications, and research frontiers in data mining. This book is intended for Computer Science students, application developers, business professionals, and researchers who seek information on data mining. Presents dozens of algorithms and implementation examples, all in pseudo-code and suitable for use in real-world, large-scale data mining projects. Addresses advanced topics such as mining object-relational databases, spatial databases, multimedia databases, time-series databases, text databases, the World Wide Web, and applications in several fields. Provides a comprehensive, practical look at the concepts and techniques you need to get the most out of your data.

The Teacher's Role in Implementing Cooperative

Learning in the Classroom - Robyn M. Gillies
2007-09-26

Cooperative learning is widely endorsed as a pedagogical practice that promotes student learning. Recently, the research focus has moved to the role of teachers' discourse during cooperative learning and its effects on the quality of group discussions and the learning achieved. However, although the benefits of cooperative learning are well documented, implementing this pedagogical practice in classrooms is a challenge that many teachers have difficulties accomplishing. Difficulties may occur because teachers often do not have a clear understanding of the basic tenets of cooperative learning and the research and theoretical perspectives that have informed this practice and how they translate into practical applications that can be used in their classrooms. In effect, what do teachers need to do to affect the benefits widely documented in research? A reluctance to embrace cooperative

learning may also be due to the challenge it poses to teachers' control of the learning process, the demands it places on classroom organisational changes, and the personal commitments teachers need to make to sustain their efforts. Moreover, a lack of understanding of the key role teachers need to play in embedding cooperative learning into the curricula to foster open communication and engagement among teachers and students, promote cooperative investigation and problem-solving, and provide students with emotionally and intellectually stimulating learning environments may be another contributing factor. The *Teacher's Role in Implementing Cooperative Learning in the Classroom* provides readers with a comprehensive overview of these issues with clear guidelines on how teachers can embed cooperative learning into their classroom curricula to obtain the benefits widely attributed to this pedagogical practice. It does so by using language that is appropriate for both novice and

experienced educators. The volume provides: an overview of the major research and theoretical perspectives that underpin the development of cooperative learning pedagogy; outlines how specific small group experiences can promote thinking and learning; discusses the key role teachers play in promoting student discourse; and, demonstrates how interaction style among students and teachers is crucial in facilitating discussion and learning. The collection of chapters includes many practical illustrations, drawn from the contributors' own research of how teachers can use cooperative learning pedagogy to facilitate thinking and learning among students across different educational settings.

Service Profit Chain - W. Earl Sasser
1997-04-10

In this pathbreaking book, world-renowned Harvard Business School service firm experts James L. Heskett, W. Earl Sasser, Jr. and Leonard A. Schlesinger reveal that leading

companies stay on top by managing the service profit chain. Why are a select few service firms better at what they do -- year in and year out -- than their competitors? For most senior managers, the profusion of anecdotal "service excellence" books fails to address this key question. Based on five years of painstaking research, the authors show how managers at American Express, Southwest Airlines, Banc One, Waste Management, USAA, MBNA, Intuit, British Airways, Taco Bell, Fairfield Inns, Ritz-Carlton Hotel, and the Merry Maids subsidiary of ServiceMaster employ a quantifiable set of relationships that directly links profit and growth to not only customer loyalty and satisfaction, but to employee loyalty, satisfaction, and productivity. The strongest relationships the authors discovered are those between (1) profit and customer loyalty; (2) employee loyalty and customer loyalty; and (3) employee satisfaction and customer satisfaction. Moreover, these relationships are mutually

reinforcing; that is, satisfied customers contribute to employee satisfaction and vice versa. Here, finally, is the foundation for a powerful strategic service vision, a model on which any manager can build more focused operations and marketing capabilities. For example, the authors demonstrate how, in Banc One's operating divisions, a direct relationship between customer loyalty measured by the "depth" of a relationship, the number of banking services a customer utilizes, and profitability led the bank to encourage existing customers to further extend the bank services they use. Taco Bell has found that their stores in the top quadrant of customer satisfaction ratings outperform their other stores on all measures. At American Express Travel Services, offices that ticket quickly and accurately are more profitable than those which don't. With hundreds of examples like these, the authors show how to manage the customer-employee "satisfaction mirror" and the customer value equation to

achieve a "customer's eye view" of goods and services. They describe how companies in any service industry can (1) measure service profit chain relationships across operating units; (2) communicate the resulting self-appraisal; (3) develop a "balanced scorecard" of performance; (4) develop a recognitions and rewards system tied to established measures; (5) communicate results company-wide; (6) develop an internal "best practice" information exchange; and (7) improve overall service profit chain performance. What difference can service profit chain management make? A lot. Between 1986 and 1995, the common stock prices of the companies studied by the authors increased 147%, nearly twice as fast as the price of the stocks of their closest competitors. The proven success and high-yielding results from these high-achieving companies will make The Service Profit Chain required reading for senior, division, and business unit managers in all service companies, as well as for students of

service management.

Poec - Lorna D. Sikorski 2014-10-01

This is a component in an assessment tool for American English Speaking skills. Sold to qualified buyers only (instructors, ESL consults, etc); sold separately only for additional/replacement copies. Full test includes: manual, score booklets, test plates.

Gorillas in Our Midst - Christopher Chabris
2019-06

Catalogue to accompany the exhibition *Gorillas in Our Midst*, at Mona (Museum of Old and New Art), 2019

Permafrost Ecosystems - Akira Osawa
2010-01-04

Drawing from a decade-long collaboration between Japan and Russia, this important volume presents the first major synthesis of current knowledge on the ecophysiology of the coniferous forests growing on permafrost at high latitudes. It presents ecological data for a region long inaccessible to most scientists, and raises

important questions about the global carbon balance as these systems are affected by the changing climate. Making up around 20% of the entire boreal forests of the northern hemisphere, these 'permafrost forest ecosystems' are subject to particular constraints in terms of temperature, nutrient availability, and root space, creating exceptional ecosystem characteristics not known elsewhere. This authoritative text explores their diversity, structure, dynamics and physiology. It provides a comparison of these forests in relation to boreal forests elsewhere, and concludes with an assessment of the potential responses of this unique biome to climate change. The book will be invaluable to advanced students and researchers interested in boreal vegetation, forest ecology, silviculture and forest soils, as well as to researchers into climate change and the global carbon balance.

Geographically Weighted Regression - A. Stewart Fotheringham 2003-02-21

Geographical Weighted Regression (GWR) is a new local modelling technique for analysing spatial analysis. This technique allows local as opposed to global models of relationships to be measured and mapped. This is the first and only book on this technique, offering comprehensive coverage on this new 'hot' topic in spatial analysis. * Provides step-by-step examples of how to use the GWR model using data sets and examples on issues such as house price determinants, educational attainment levels and school performance statistics * Contains a broad discussion of and basic concepts on GWR through to ideas on statistical inference for GWR models * uniquely features accompanying author-written software that allows users to undertake sophisticated and complex forms of GWR within a user-friendly, Windows-based, front-end (see book for details).

The Art of Enterprise Information Architecture - Mario Godinez 2010-04-01
Architecture for the Intelligent Enterprise:

Powerful New Ways to Maximize the Real-time Value of Information Tomorrow's winning "Intelligent Enterprises" will bring together far more diverse sources of data, analyze it in more powerful ways, and deliver immediate insight to decision-makers throughout the organization. Today, however, most companies fail to apply the information they already have, while struggling with the complexity and costs of their existing information environments. In this book, a team of IBM's leading information management experts guide you on a journey that will take you from where you are today toward becoming an "Intelligent Enterprise." Drawing on their extensive experience working with enterprise clients, the authors present a new, information-centric approach to architecture and powerful new models that will benefit any organization. Using these strategies and models, companies can systematically unlock the business value of information by delivering actionable, real-time information in context to

enable better decision-making throughout the enterprise—from the "shop floor" to the "top floor." Coverage Includes Highlighting the importance of Dynamic Warehousing Defining your Enterprise Information Architecture from conceptual, logical, component, and operational views Using information architecture principles to integrate and rationalize your IT investments, from Cloud Computing to Information Service Lifecycle Management Applying enterprise Master Data Management (MDM) to bolster business functions, ranging from compliance and risk management to marketing and product management Implementing more effective business intelligence and business performance optimization, governance, and security systems and processes Understanding "Information as a Service" and "Info 2.0," the information delivery side of Web 2.0

R Programming for Data Science - Roger Peng 2012-04

Data science has taken the world by storm.

Every field of study and area of business has been affected as people increasingly realize the value of the incredible quantities of data being generated. But to extract value from those data, one needs to be tra

R for SAS and SPSS Users - Robert A. Muenchen
2011-08-27

R is a powerful and free software system for data analysis and graphics, with over 5,000 add-on packages available. This book introduces R using SAS and SPSS terms with which you are already familiar. It demonstrates which of the add-on packages are most like SAS and SPSS and compares them to R's built-in functions. It steps through over 30 programs written in all three packages, comparing and contrasting the packages' differing approaches. The programs and practice datasets are available for download. The glossary defines over 50 R terms using SAS/SPSS jargon and again using R jargon. The table of contents and the index allow you to find equivalent R functions by looking up

both SAS statements and SPSS commands. When finished, you will be able to import data, manage and transform it, create publication quality graphics, and perform basic statistical analyses. This new edition has updated programming, an expanded index, and even more statistical methods covered in over 25 new sections.

Value Change in Global Perspective - Paul R. Abramson
2009-08-12

In this pioneering work, Paul R. Abramson and Ronald Inglehart show that the gradual shift from Materialist values (such as the desire for economic and physical security) to Post-materialist values (such as the desire for freedom, self-expression, and the quality of life) is in all likelihood a global phenomenon. Value Change in Global Perspective analyzes over thirty years worth of national surveys in European countries and presents the most comprehensive and nuanced discussion of this shift to date. By paying special attention to the

way generational replacement transforms values among mass publics, the authors are able to present a comprehensive analysis of the processes through which values change. In addition, Value Change in Global Perspective analyzes the 1990-91 World Values Survey, conducted in forty societies representing over seventy percent of the world's population. These surveys cover an unprecedentedly broad range of the economic and political spectrum, with data from low-income countries (such as China, India, Mexico, and Nigeria), newly industrialized countries (such as South Korea) and former state-socialist countries in Eastern Europe and the former Soviet Union. This data adds significant new meaning to our understanding of attitude shifts throughout the world. Value Change in Global Perspective has been written to meet the needs of scholars and students alike. The use of percentage, percentage differences, and algebraic standardization procedures will make the results easy to understand and useful

in courses in comparative politics and in public opinion. Paul R. Abramson is Professor of Political Science, Michigan State University. Ronald Inglehart is Professor of Political Science and Program Director, Institute for Social Research, University of Michigan.

Sponsor's Report - Advisory Council on Federal Reports (U.S.) 1956

Mastering Business Intelligence with MicroStrategy - Dmitry Anoshin 2016-07-29
Build world-class enterprise Business Intelligence solutions with MicroStrategy 10
About This Book Fix the gap between BI tools and implementation/integration processes with big data and predictive analytics using this comprehensive guide to MicroStrategy 10
Highly practical, example-rich guide that lets you implement business intelligence with MicroStrategy 10 in your organization Create the best user experience with BI dashboards using MicroStrategy using this up-to-date,

comprehensive guide Who This Book Is For This book is intended for BI, DWH, ETL developers, BI/DWH/Analytics managers, analysts, and business users who already have MicroStrategy in their organization and want to take it to the next level in order to increase performance and improve user experience. In addition, it helps the reader to migrate from MicroStrategy 9 to MicroStrategy 10 and to start using the new capabilities. What You Will Learn Explore various visualization techniques for presenting analyzed data Customize MicroStrategy in order to meet your business requirements Develop and design mobile dashboards Use the advanced techniques such as designing reports, documents and interactive dashboards for building dashboards Understand the concepts of data discovery and Desktop capabilities Explore the best practices for Microstrategy system administration Find and fix issues based on connections, environment or documents Integrate third party ESRI map tools with

MicroStrategy to create geo based reports In Detail Business intelligence is becoming more important by the day, with cloud offerings and mobile devices gaining wider acceptance and achieving better market penetration. MicroStrategy Reporting Suite is an absolute leader in the BI market and offers rich capabilities from basic data visualizations to predictive analytics. It lets you various delivery methods such as the Web, desktops, and mobiles. Using real-world BI scenarios, this book helps you to implement Business Analytics solutions in big e-commerce companies. It kicks off with MicroStrategy 10 features and then covers schema design models and techniques. Building upon your existing knowledge, the book will teach you advanced techniques for building documents and dashboards. It further teaches various graphical techniques for presenting data for analysis using maps, graphs, and advanced charts. Although MicroStrategy has rich functionality, the book will show how to

customize it in order to meet your business requirements. You will also become familiar with the native analytical functions that will help you to maximize the impact of BI solutions with powerful predictive analytics. Furthermore, the book will focus on MicroStrategy Mobile Analytics along with data discovery and desktop capabilities such as connecting various data sources and building interactive dashboards. The book will also uncover best practices, troubleshooting techniques for MicroStrategy system administration, and also security and authentication techniques. Lastly, you will learn to use Hadoop for MicroStrategy reporting. By the end of the book, you will become proficient in evaluating any BI software in order to choose the best one that meets all business requirements. Style and approach This book will be focusing on providing extensive guide to plan how to design and develop complex BI architecture for real world scenario, using Microstrategy 10, best practices and collected

experience working with BI, predictive analytics, and Microstrategy and big data.

Adult Attachment - W. Steven Rholes
2006-06-26

With contributions from leading investigators, this volume presents important theoretical and empirical advances in the study of adult attachment. Chapters take stock of the state of knowledge in the field and introduce new, testable theoretical models to guide future research. Major topics covered include stability and change of attachment orientations across the lifespan; influences of attachment on cognitive functioning; and implications for the ways individuals experience intimacy, conflict, caregiving, and satisfaction in adult relationships. Also explored are the ways attachment theory and research can inform therapy with couples and can further understanding of such significant clinical problems as PTSD and depression.

Next Steps With SPSS - Eric L. Einspruch

2004

Written in an easy-to-read manner, this book introduces readers to intermediate and advanced SPSS skills. These skills are introduced and illustrated with sample programs designed to apply powerful techniques in data handling and analysis, with the output of these programs presented and interpreted.

The Broad Autism Phenotype - Anthony F.

Rotatori 2015-03-27

This proposed volume will provide in-depth coverage about a construct known as the broad autism phenotype (BAP).

Gene Quantification - Francois Ferre 2012-12-06

Geneticists and molecular biologists have been interested in quantifying genes and their products for many years and for various reasons (Bishop, 1974). Early molecular methods were based on molecular hybridization, and were devised shortly after Marmur and Doty (1961) first showed that denaturation of the double helix could be reversed - that the process of

molecular reassociation was exquisitely sequence dependent. Gillespie and Spiegelman (1965) developed a way of using the method to titrate the number of copies of a probe within a target sequence in which the target sequence was fixed to a membrane support prior to hybridization with the probe - typically a RNA. Thus, this was a precursor to many of the methods still in use, and indeed under development, today. Early examples of the application of these methods included the measurement of the copy numbers in gene families such as the ribosomal genes and the immunoglobulin family. Amplification of genes in tumors and in response to drug treatment was discovered by this method. In the same period, methods were invented for estimating gene numbers based on the kinetics of the reassociation process - the so-called Cot analysis. This method, which exploits the dependence of the rate of reassociation on the concentration of the two strands, revealed the presence of repeated

sequences in the DNA of higher eukaryotes (Britten and Kohne, 1968). An adaptation to RNA, Rot analysis (Melli and Bishop, 1969), was used to measure the abundance of RNAs in a mixed population.

Enterprise Master Data Management

(Paperback) - Allen Dreibelbis 2018-02-11

The Only Complete Technical Primer for MDM Planners, Architects, and Implementers
Companies moving toward flexible SOA architectures often face difficult information management and integration challenges. The master data they rely on is often stored and managed in ways that are redundant, inconsistent, inaccessible, non-standardized, and poorly governed. Using Master Data Management (MDM), organizations can regain control of their master data, improve corresponding business processes, and maximize its value in SOA environments. Enterprise Master Data Management provides an authoritative, vendor-independent MDM

technical reference for practitioners: architects, technical analysts, consultants, solution designers, and senior IT decisionmakers. Written by the IBM® data management innovators who are pioneering MDM, this book systematically introduces MDM's key concepts and technical themes, explains its business case, and illuminates how it interrelates with and enables SOA. Drawing on their experience with cutting-edge projects, the authors introduce MDM patterns, blueprints, solutions, and best practices published nowhere else--everything you need to establish a consistent, manageable set of master data, and use it for competitive advantage. Coverage includes How MDM and SOA complement each other Using the MDM Reference Architecture to position and design MDM solutions within an enterprise Assessing the value and risks to master data and applying the right security controls Using PIM-MDM and CDI-MDM Solution Blueprints to address industry-specific information management

challenges Explaining MDM patterns as enablers to accelerate consistent MDM deployments Incorporating MDM solutions into existing IT landscapes via MDM Integration Blueprints Leveraging master data as an enterprise asset-bringing people, processes, and technology together with MDM and data governance Best practices in MDM deployment, including data warehouse and SAP integration

Improve Your Eyesight with Eft* - Carol Look 2006

Menkaraa is a vampire story like no other. The time is early 1400's in a village tucked away in Africa. The main character is a moody reclusive vampire named (men-kaw-raw). His family has been destroyed by a war that took place thousands of years ago and he laments the circumstances that led up to his family's demise and his unfortunate curse. Enter Sarset a beautiful village woman who Menkaraa has been smitten by ,unknown to her he has longed for her from afar. She has tried to escape the

ravages of the foreign occupied people in her beloved home Karna k. She prays to her ancestors to send a champion to her village and smite the tormentors of her people. Will Menkaraa take on the challenge in this era and help Sarset or will he remain in the backdrop of this time and tend to his own selfish needs and desires. Enter this world of the supernatural and real and experience the triumphs and failures of a being that is both alive and dead.

Learning SAS by Example - Ron Cody 2018-07-03

Learn to program SAS by example! Learning SAS by Example, A Programmer's Guide, Second Edition, teaches SAS programming from very basic concepts to more advanced topics.

Because most programmers prefer examples rather than reference-type syntax, this book uses short examples to explain each topic. The second edition has brought this classic book on SAS programming up to the latest SAS version, with new chapters that cover topics such as PROC

SGPLOT and Perl regular expressions. This book belongs on the shelf (or e-book reader) of anyone who programs in SAS, from those with little programming experience who want to learn SAS to intermediate and even advanced SAS programmers who want to learn new techniques or identify new ways to accomplish existing tasks. In an instructive and conversational tone, author Ron Cody clearly explains each programming technique and then illustrates it with one or more real-life examples, followed by a detailed description of how the program works. The text is divided into four major sections: Getting Started, DATA Step Processing, Presenting and Summarizing Your Data, and Advanced Topics. Subjects addressed include Reading data from external sources Learning details of DATA step programming Subsetting and combining SAS data sets Understanding SAS functions and working with arrays Creating reports with PROC REPORT and PROC TABULATE Getting started with the SAS macro

language Leveraging PROC SQL Generating high-quality graphics Using advanced features of user-defined formats and informats Restructuring SAS data sets Working with multiple observations per subject Getting started with Perl regular expressions You can test your knowledge and hone your skills by solving the problems at the end of each chapter.

Apache Spark Implementation on IBM z/OS
- Lydia Parziale 2016-08-13

The term big data refers to extremely large sets of data that are analyzed to reveal insights, such as patterns, trends, and associations. The algorithms that analyze this data to provide these insights must extract value from a wide range of data sources, including business data and live, streaming, social media data. However, the real value of these insights comes from their timeliness. Rapid delivery of insights enables anyone (not only data scientists) to make effective decisions, applying deep intelligence to every enterprise application. Apache Spark is an

integrated analytics framework and runtime to accelerate and simplify algorithm development, deployment, and realization of business insight from analytics. Apache Spark on IBM® z/OS® puts the open source engine, augmented with unique differentiated features, built specifically for data science, where big data resides. This IBM Redbooks® publication describes the installation and configuration of IBM z/OS Platform for Apache Spark for field teams and clients. Additionally, it includes examples of business analytics scenarios.

Introduction to Information Retrieval -

Christopher D. Manning 2008-07-07

Class-tested and coherent, this textbook teaches classical and web information retrieval, including web search and the related areas of text classification and text clustering from basic concepts. It gives an up-to-date treatment of all aspects of the design and implementation of systems for gathering, indexing, and searching documents; methods for evaluating systems; and

an introduction to the use of machine learning methods on text collections. All the important ideas are explained using examples and figures, making it perfect for introductory courses in information retrieval for advanced undergraduates and graduate students in computer science. Based on feedback from extensive classroom experience, the book has been carefully structured in order to make teaching more natural and effective. Slides and additional exercises (with solutions for lecturers) are also available through the book's supporting website to help course instructors prepare their lectures.

Internet Addiction Test (IAT) - Kimberly Young, Ph.D. 2016-12-01

While the Internet is a relatively new technology, that has impacted the world, and provided many benefits, it has also had negative ramifications. Individuals unable to control their use are jeopardizing school, employment and relationships. The concept of "Internet

Addiction” is used to explain uncontrollable, damaging use of technology. It is characterized as an impulse control disorder, comparable to pathological gambling, because of overlapping diagnostic criteria and symptomatology. Based on these studies, the IAT was constructed to capture the problematic behavior associated with compulsive use of technology, including online porn, internet gambling and compulsive use of online games and social media. The Internet Addiction Test emerged as the first validated measure of Internet and technology addiction. The assessments can be administered in a variety of mental health settings, including private practice clinics, schools, hospitals and residential programs. They can be used when there is suspicion of Internet addiction, as part of a broad intake assessment, or for use in a wellness curriculum to help participants evaluate their own Internet behavior. The IAT can also be a valuable pre-employment screening device, to detect internet addiction

among job candidates, to improve productivity and reduce corporate liability. Based on 20 self-report items, the IAT assesses for the presence of addiction to the Internet, electronic entertainment, social media, and general use of electronic devices, and also measures the severity of addiction, in terms of mild, moderate or severe. Furthermore, because Internet addiction may be driven by different reasons and manifest in different ways, requiring different types of treatment, the IAT produces scores related to the following areas:

EscapeCompulsionNeglecting
dutiesAnticipationLack of ControlSocial
Avoidance

Using SPSS for Windows and Macintosh -
Samuel B. Green 2011-01-01

This textbook guides students through the most basic of SPSS techniques using step-by-step descriptions, presents statistical techniques and instruction on how to conduct statistical analyses, and explains in detail how to avoid all

the obstacles common in the study of statistics.
Bird Surveys - Colin J. Bibby 1998

Managing Statistical Confidentiality & Microdata Access - Conference of European Statisticians 2007

These guidelines have been prepared a Task Force set up by the Conference of European Statisticians, with two main objectives.- The first is to foster greater uniformity of approach by countries to allow better access to microdata for the research community. The second is to produce guidelines and supporting case studies, which will help countries improve their arrangements for providing access to microdata.

Informing Innovation - Char Booth 2009

Anti-Neutrophil Cytoplasmic Antibody (ANCA) Associated Vasculitis - Renato Alberto Sinico 2019-09-13

This volume, written by well-known experts in the field, covers all aspects of Anti-Neutrophil

Cytoplasmic Antibody (ANCA) Associated Vasculitis (AAV). The expression refers to a group of diseases, characterized by destruction and inflammation of small vessels. The clinical signs vary and affect several organs, such as the kidney, lung, skin, nervous system and others. The opening chapters give some historical hints, explain the genetic basis of the disease and provide insights into the pathogenesis derived from recent experimental studies and guides the reader through classification and nomenclature. A large part of the book is then devoted to a detailed description of the specific related diseases and their clinical presentations, the disease course, and potential complications. The advice regarding treatment is based on the best currently available evidence in this constantly evolving area. The book is part of Springer's series Rare Diseases of the Immune System, which presents recently acquired knowledge on pathogenesis, diagnosis, and therapy with the aim of promoting a more holistic approach to

these conditions. AAVs are systemic autoimmune diseases of unknown cause that affect small (to medium) sized blood vessels. They include granulomatosis with polyangiitis (formerly Wegener's granulomatosis), microscopic polyangiitis, and eosinophilic granulomatosis with polyangiitis (formerly Churg–Strauss syndrome). This volume will be an invaluable source of up-to-date information for all practitioners involved in the care of patients with these diseases.

Apache Spark for the Enterprise: Setting the Business Free - Oliver Draese 2016-02-09
Analytics is increasingly an integral part of day-to-day operations at today's leading businesses, and transformation is also occurring through huge growth in mobile and digital channels. Enterprise organizations are attempting to leverage analytics in new ways and transition existing analytics capabilities to respond with more flexibility while making the most efficient use of highly valuable data science skills. The

recent growth and adoption of Apache Spark as an analytics framework and platform is very timely and helps meet these challenging demands. The Apache Spark environment on IBM z/OS® and Linux on IBM z Systems™ platforms allows this analytics framework to run on the same enterprise platform as the originating sources of data and transactions that feed it. If most of the data that will be used for Apache Spark analytics, or the most sensitive or quickly changing data is originating on z/OS, then an Apache Spark z/OS based environment will be the optimal choice for performance, security, and governance. This IBM® Redpaper™ publication explores the enterprise analytics market, use of Apache Spark on IBM z Systems™ platforms, integration between Apache Spark and other enterprise data sources, and case studies and examples of what can be achieved with Apache Spark in enterprise environments. It is of interest to data scientists, data engineers, enterprise architects, or

anybody looking to better understand how to combine an analytics framework and platform on enterprise systems.

[Precision Journalism](#) - Philip Meyer 2002-02-25

Philip Meyer's work in precision journalism established a new and ongoing trend—the use by reporters of social science research techniques to increase the depth and accuracy of major stories. In this fully updated, fourth edition of the classic *Precision Journalism* (known as *The New Precision Journalism* in its third edition), Meyer shows journalists and students of journalism how to use new technology to analyze data and provide more precise information in easier-to-understand forms. New to this edition are an overview of the use of theory and science in journalism; game theory applications; introductions to lurking variables and multiple and logistic regression; and developments in election surveys. Key topics retained and updated include elements of data analysis; the use of statistics, computers, surveys, and

experiments; database applications; and the politics of precision journalism. This accessible book is an important resource for working journalists and an indispensable text for all journalism majors.

Internet Matters - 2011

Building Quality Management Systems - Luis Rocha-Lona 2013-06-25

Quality has quickly become one of the most important decision-making factors for consumers. And although organizations invest considerable resources into building the right quality management systems (QMSs), in many instances, the adoption of such quality improvement tools are just not enough. *Building Quality Management Systems: Selecting the Right Methods and Tools* explains exactly what directors, practitioners, consultants, and researchers must do to make better choices in the design, implementation, and improvement of their QMSs. Based on the authors' decades of

industrial experience working on business improvement projects for multinationals looking to design or improve their QMSs, the book discusses building QMSs based on two important organizational elements: needs and resources. It begins with an overview of QMSs and systems thinking and the impact of QMSs on financial performance. Illustrating the process management approach, it reviews the most well-known business and quality improvement models, methods, and tools that support a major QMS. The authors introduce their own time-tested methodology for designing, implementing, and enhancing your own QMS. Using their proven method, you will learn how to:

- Implement a strategic quality plan based on your specific needs, capabilities, cost-benefits, policies, and business strategies
- Select the right models, methods, and tools to be adopted as part of your QMS
- Understand the critical success factors and implementation challenges
- Evaluate the level of maturity of your QMS and your

implementation efforts Highlighting the importance of quality as a way of life, this book supplies the understanding you'll need to make the right choices in the development and deployment of your QMS. With a clear focus on business performance and process management, it provides the basis for creating the quality management culture required to become a world-class organization.

IBM Software for SAP Solutions - Yaro Dunchych 2015-09-29

SAP is a market leader in enterprise business application software. SAP solutions provide a rich set of composable application modules, and configurable functional capabilities that are expected from a comprehensive enterprise business application software suite. In most cases, companies that adopt SAP software remain heterogeneous enterprises running both SAP and non-SAP systems to support their business processes. Regardless of the specific scenario, in heterogeneous enterprises most SAP

implementations must be integrated with a variety of non-SAP enterprise systems: Portals Messaging infrastructure Business process management (BPM) tools Enterprise Content Management (ECM) methods and tools Business analytics (BA) and business intelligence (BI) technologies Security Systems of record Systems of engagement The tooling included with SAP software addresses many needs for creating SAP-centric environments. However, the classic approach to implementing SAP functionality generally leaves the business with a rigid solution that is difficult and expensive to change and enhance. When SAP software is used in a large, heterogeneous enterprise environment, SAP clients face the dilemma of selecting the correct set of tools and platforms to implement SAP functionality, and to integrate the SAP solutions with non-SAP systems. This IBM® Redbooks® publication explains the value of integrating IBM software with SAP solutions. It describes how to enhance and extend pre-built

capabilities in SAP software with best-in-class IBM enterprise software, enabling clients to maximize return on investment (ROI) in their SAP investment and achieve a balanced enterprise architecture approach. This book describes IBM Reference Architecture for SAP, a prescriptive blueprint for using IBM software in SAP solutions. The reference architecture is focused on defining the use of IBM software with SAP, and is not intended to address the internal aspects of SAP components. The chapters of this book provide a specific reference architecture for many of the architectural domains that are each important for a large enterprise to establish common strategy, efficiency, and balance. The majority of the most important architectural domain topics, such as integration, process optimization, master data management, mobile access, Enterprise Content Management, business intelligence, DevOps, security, systems monitoring, and so on, are covered in the book. However, there are several other architectural

domains which are not included in the book. This is not to imply that these other architectural domains are not important or are less important, or that IBM does not offer a solution to address them. It is only reflective of time constraints, available resources, and the complexity of assembling a book on an extremely broad topic. Although more content could have been added, the authors feel confident that the scope of architectural material that has been included should provide organizations with a fantastic head start in defining their own enterprise reference architecture for many of the important architectural domains, and it is hoped that this book provides great value to those reading it. This IBM Redbooks publication is targeted to the following audiences: Client decision makers and solution architects leading enterprise transformation projects and wanting to gain further insight so that they can benefit from the integration of IBM software in large-scale SAP projects. IT architects and consultants

integrating IBM technology with SAP solutions.

Regression with Graphics - Lawrence C.

Hamilton 1992

This text demonstrates how computing power has expanded the role of graphics in analyzing, exploring, and experimenting with raw data. It is primarily intended for students whose research requires more than an introductory statistics course, but who may not have an extensive background in rigorous mathematics. It's also suitable for courses with students of varying mathematical abilities. Hamilton provides students with a practical, realistic, and graphical approach to regression analysis so that they are better prepared to solve real, sometimes messy problems. For students and professors who prefer a heavier mathematical emphasis, the author has included optional sections throughout the text where the formal, mathematical development of the material is explained in greater detail. REGRESSION WITH GRAPHICS is appropriate for use with any (or no) statistical

computer package. However, Hamilton used STAT A in the development of the text due to its ease of application and sophisticated graphics capabilities. (STATA is available in a student package from Duxbury including a tutorial by the same author: Hamilton, STATISTICS WITH STAT A, 5.0, 1998; ISBN: 0-534-31874-6.)

Using Social Theory - Michael Pryke
2003-08-13

`If there is a single question that presses upon the intellect of the current generation of social scientists, it is surely: "what do the great insights of social theory imply for the way we conduct research and write about the social world?". Until now there has been no single text to turn to that explores the epistemological complexities of field work, the problems of writing and language, and of the logics of inquiry that link theory, method and evidence. Using Social Theory is a magisterial effort to open up the black-box of research methods, and to provide students, in a way that no other

comparable text has done, with a road map for the practice of the contemporary human sciences' - Michael Watts, Chancellor's Professor of Geography and Director Institute of International Studies, University of California, Berkeley `From "theory talk to making it walk", Using Social Theory is one of the most useful and interesting books on the market. The authors demonstrate how to use philosophy and social theory as an indispensable toolkit for passionate and rigorous research. Essential reading for students and teachers in the social sciences and humanities' - Professor Elspeth Probyn, Department of Gender Studies, University of Sydney Have you ever stopped to wonder about the influences that underpin research? If you are thinking about doing a piece of research, what difference might it make to the question you ask, to your approach to empirical work, analysis and writing of research, if you are influenced by one theoretical approach rather than another? The chapters in this innovative

guide share a common belief that thinking alongside ideas, philosophical persuasions, is an integral part of the research process; it is not an optional extra. It sets out ways to encourage the researcher to think through three key moments of the research process: the production of a research question; fieldwork; and analysis and writing. As the authors demonstrate, research is not simply 'done': it has to be thought about and thought through. The book's accessible style makes it suitable for anyone wishing to engage ideas in research in the social sciences and humanities.

R for Data Science - Hadley Wickham

2016-12-12

Learn how to use R to turn raw data into insight, knowledge, and understanding. This book introduces you to R, RStudio, and the tidyverse, a collection of R packages designed to work together to make data science fast, fluent, and fun. Suitable for readers with no previous programming experience, R for Data Science is

designed to get you doing data science as quickly as possible. Authors Hadley Wickham and Garrett Grolemund guide you through the steps of importing, wrangling, exploring, and modeling your data and communicating the results. You'll get a complete, big-picture understanding of the data science cycle, along with basic tools you need to manage the details. Each section of the book is paired with exercises to help you practice what you've learned along the way. You'll learn how to:

Wrangle—transform your datasets into a form convenient for analysis
Program—learn powerful R tools for solving data problems with greater clarity and ease
Explore—examine your data, generate hypotheses, and quickly test them
Model—provide a low-dimensional summary that captures true "signals" in your dataset
Communicate—learn R Markdown for integrating prose, code, and results

The Lichens of British Columbia - Trevor Goward 1994

This manual provides illustrated keys to all leaf and scale lichens known to occur in British Columbia. In total, 327 species are included, while 19 taxa are excluded from earlier accounts of the flora. Accompanying the keys are approximately 350 line drawings. The manual briefly summarizes the ecology, distribution, and frequency status of the province's foliose and squamulose lichens. Each genus account

provides a common name, a short description, pertinent references, notes on the derivation of the common name, and notes on global status and distribution, taxonomy, chemistry, and/or similar genera. Each species account provides species and author citation, distribution maps, common names, habit, and lichen distribution in B.C.