

Abacus Data Mining Solutions

Data Mining and Applications in Genomics contains the data mining algorithms and their applications in genomics, with frontier case studies based on the recent and current works at the University of Hong Kong and the Oxford University Computing Laboratory, University of Oxford. It provides a systematic introduction to the use of data mining algorithms as an investigative tool for applications in genomics. Data Mining and Applications in

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Genomics offers state of the art of tremendous advances in data mining algorithms and applications in genomics and also serves as an excellent reference work for researchers and graduate students working on data mining algorithms and applications in genomics.

Learn how to develop models for classification, prediction, and customer segmentation with the help of Data Mining for Business Intelligence In today's world, businesses are becoming more capable of accessing their ideal consumers, and an understanding of data mining contributes to this success. Data Mining for Business Intelligence,

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which was developed from a course taught at the Massachusetts Institute of Technology's Sloan School of Management, and the University of Maryland's Smith School of Business, uses real data and actual cases to illustrate the applicability of data mining intelligence to the development of successful business models. Featuring XLMiner, the Microsoft Office Excel add-in, this book allows readers to follow along and implement algorithms at their own speed, with a minimal learning curve. In addition, students and practitioners of data mining techniques are presented with hands-on, business-oriented applications. An abundant amount of exercises and

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examples are provided to motivate learning and understanding. Data Mining for Business Intelligence: Provides both a theoretical and practical understanding of the key methods of classification, prediction, reduction, exploration, and affinity analysis Features a business decision-making context for these key methods Illustrates the application and interpretation of these methods using real business cases and data This book helps readers understand the beneficial relationship that can be established between data mining and smart business practices, and is an excellent learning tool for creating valuable strategies and making wiser

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business decisions.

The energy industry is boiling over with changes. Deregulation, new opportunities in foreign fields and markets and environmental challenges are rushing together head-on to shape the energy and utilities business of the future. Extremely deep offshore wells in the Gulf of Mexico and offshore of West Africa are being drilled at immense cost. Meanwhile China has become a major energy importer and Russia has become a major exporter. In the U.S., Europe and Japan, renewable and alternative energy sources are developing quickly, including big breakthroughs in wind power and fuel cells. This

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exciting new reference book covers everything from major oil companies to electric and gas utilities, plus pipelines, refiners, retailers, oil field services and engineering. Petroleum topics include upstream and downstream. Additional topics include coal, natural gas and LNG. More than a dozen statistical tables cover everything from energy consumption, production and reserves to imports, exports and prices. Next, our unique profiles of the Energy 500 Firms are also included, with such vital details as executive contacts by title, revenues, profits, types of business, web sites, competitive advantage, growth plans and more. Purchasers of either the

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book or PDF version can receive a free copy of the company profiles database on CD-ROM, enabling key word search and export of key information, addresses, phone numbers and executive names with titles for every company profiled.

Information Technology & Financial Services
Enhanced Applications Using Hybrid Artificial
Intelligence Techniques

Introduction to Information Systems

Transforming Customer Data Into Customer Value
An Essential Reference to Communication and
Technology

Hoover's Handbook of Private Companies 1998

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A behind-the-scenes look at some of the less favorable aspects of today's surveillance-based society discusses how the government and private marketing companies are using modern technology to protect homeland security and fight the war on terror at the expense of personal privacy and civil liberties. Reprint. 35,000 first printing.

Introduces business and technical managers to the exciting new frontier

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in database technology Web sites gather a lot of detailed information about customers. Unfortunately, most companies lack the means to use that information to improve their marketing and customer support functions.

Considered by most experts to be the new frontier in the database and data warehousing fields, Web mining solves that problem. Coauthored by two bestselling data mining authors, *Mining the Web explains*, for corporate

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decision makers, IT managers, and database marketers, how data mining principles and techniques can be applied to various types of Web sites. More importantly, they describe techniques for using the resulting goldmine of business data to develop more effective advertising campaigns and better customer service.

One trillion dollars. That's what's at stake in the next few years in business-to-business e-commerce. Research shows

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that b-to-b spending will soar from \$43 billion to over \$1 trillion. Meanwhile, in the same span of time, business-to-consumer spending is expected to rise from \$7.8 to only \$108 billion. That's what's in the future for business-to-business electronic commerce, and companies like eSteel and PlasticsNet are already halfway there. Look no further than this comprehensive guide from two of the most respected professionals in the b-to-b realm. In

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this book MarchFIRST's Warren Raisch and William Kane, Jr., show readers exactly how to cash in on the e-commerce craze. Drawing from their experience at MarchFIRST, one of the leading Internet b-to-b strategy companies, the authors outline strategies for making your product known. Invaluable case studies of companies who've already taken the plunge help readers construct reliable methods and models

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The Morgan Stanley and d&a European
Technology Atlas 2005

Computerworld

The E-marketplace

Who Owns Whom

Handbook of Research on Estimation and
Control Techniques in E-Learning
Systems

Data Mining for Business Intelligence

**This two volume set LNCS 9827 and LNCS 9828
constitutes the refereed proceedings of the 27th
International Conference on Database and Expert Systems**

Applications, DEXA 2016, held in Porto, Portugal, September 2016. The 39 revised full papers presented together with 29 short papers were carefully reviewed and selected from 137 submissions. The papers discuss a range of topics including: Temporal, Spatial, and High Dimensional Databases; Data Mining; Authenticity, Privacy, Security, and Trust; Data Clustering; Distributed and Big Data Processing; Decision Support Systems, and Learning; Data Streams; Data Integration, and Interoperability; Semantic Web, and Data Semantics; Social Networks, and Network Analysis; Linked Data; Data Analysis; NoSQL, NewSQL; Multimedia Data; Personal Information Management; Semantic Web and

Ontologies; Database and Information System Architectures; Query Answering and Optimization; Information Retrieval, and Keyword Search; Data Modelling, and Uncertainty.

This book constitutes the refereed proceedings of the 9th International Conference on Supercomputing, ISUM 2018, held in Mérida, Mexico, in March 2018. The 19 revised full papers presented were carefully reviewed and selected from 64 submissions. The papers are organized in topical sections on scheduling, architecture, and programming; parallel computing; applications and HPC.

Hoover's Handbook of Private Companies covers 714 nonpublic U.S. enterprises with revenues in excess of \$600

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million, including large industrial & service corporations like UPS & Goldman Sachs; hospitals & health care organizations such as Blue Cross; charitable & membership organizations including the Ford Foundation; mutual & cooperative organizations such as IGA; joint ventures such as Caltex; government-owned corporations such as the United States Postal Service; & major university systems, including The University of Texas System. This book features 210 in-depth Hoover's profiles (similar to those shown on pages 2-3) plus 504 shorter entries (as illustrated below). Company logos are shown for many of the profiled companies. Hoover's Handbook of Private Companies also includes lists of companies ranked

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by sales & by number of employees, plus Inc.'s list of fastest-growing private companies. It is indexed by headquarters location & industry, & by the people, companies & brand names mentioned in the profiles.

Linux Journal

Data Driven Business Decisions

Scientific Discovery in the Social Sciences

American Banker

Your Life, Liberty, and Happiness After the Digital Explosion

The New Partnership

This handbook provides an accessible overview of the most important issues in information and

computer ethics. It covers: foundational issues and methodological frameworks; theoretical issues affecting property, privacy, anonymity, and security; professional issues and the information-related professions; responsibility issues and risk assessment; regulatory issues and challenges; access and equity issues. Each chapter explains and evaluates the central positions and arguments on the respective issues, and ends with a bibliography that identifies the most important supplements available on the topic.

Every day, billions of photographs, news stories, songs, X-rays, TV shows, phone calls,

and emails are being scattered around the world as sequences of zeroes and ones: bits. We can't escape this explosion of digital information and few of us want to-the benefits are too seductive. The technology has enabled unprecedented innovation, collaboration, entertainment, and democratic participation. But the same engineering marvels are shattering centuries-old assumptions about privacy, identity, free expression, and personal control as more and more details of our lives are captured as digital data. Can you control who sees all that personal information about you? Can email be truly confidential, when

nothing seems to be private? Shouldn't the Internet be censored the way radio and TV are? is it really a federal crime to download music? When you use Google or Yahoo! to search for something, how do they decide which sites to show you? Do you still have free speech in the digital world? Do you have a voice in shaping government or corporate policies about any of this? Blown to Bits offers provocative answers to these questions and tells intriguing real-life stories. This book is a wake-up call To The human consequences of the digital explosion. A hands-on guide to the use of quantitative methods and software for making successful

business decisions The appropriate use of quantitative methods lies at the core of successful decisions made by managers, researchers, and students in the field of business. Providing a framework for the development of sound judgment and the ability to utilize quantitative and qualitative approaches, Data Driven Business Decisions introduces readers to the important role that data plays in understanding business outcomes, addressing four general areas that managers need to know about: data handling and Microsoft Excel®, uncertainty, the relationship between inputs and outputs, and complex

decisions with trade-offs and uncertainty. Grounded in the author's own classroom approach to business statistics, the book reveals how to use data to understand the drivers of business outcomes, which in turn allows for data-driven business decisions. A basic, non-mathematical foundation in statistics is provided, outlining for readers the tools needed to link data with business decisions; account for uncertainty in the actions of others and in patterns revealed by data; handle data in Excel®; translate their analysis into simple business terms; and present results in simple tables and charts. The author discusses key

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data analytic frameworks, such as decision trees and multiple regression, and also explores additional topics, including: Use of the Excel® functions Solver and Goal Seek Partial correlation and auto-correlation Interactions and proportional variation in regression models Seasonal adjustment and what it reveals Basic portfolio theory as an introduction to correlations Chapters are introduced with case studies that integrate simple ideas into the larger business context, and are followed by further details, raw data, and motivating insights. Algebraic notation is used only when necessary, and throughout the book, the author

utilizes real-world examples from diverse areas such as market surveys, finance, economics, and business ethics. Excel® add-ins StatproGo and TreePlan are showcased to demonstrate execution of the techniques, and a related website features extensive programming instructions as well as insights, data sets, and solutions to problems included in the material. Data Driven Business Decisions is an excellent book for MBA quantitative analysis courses or undergraduate general statistics courses. It also serves as a valuable reference for practicing MBAs and practitioners in the fields of statistics, business, and finance.

***9th International Conference, ISUM 2018,
Mérida, Mexico, March 5-9, 2018, Revised
Selected Papers***

***Database and Expert Systems Applications
27th International Conference, DEXA 2016,
Porto, Portugal, September 5-8, 2016,
Proceedings, Part I***

No Place to Hide

***Hoover's Handbook of Private Companies
Recent Advances in Knowledge-based
Paradigms and Applications***

Information technology professionals will gain invaluable information with this updated resource on

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how to connect concepts to key business areas. These areas include accounting, finance, marketing, management, human resources, and operations. The new edition provides concise and accessible coverage of core IT topics. Do It Yourself activities show them how to apply the information on the job. Technology professionals will then be able to discover how critical is to each functional area and every business.

This book presents carefully selected contributions devoted to the modern perspective of AI research and innovation. This collection covers several areas of applications and motivates new research directions. Th

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theme across all chapters combines several domains of AI research, Computational Intelligence and Machine Intelligence including an introduction to the recent research and models. Each of the subsequent chapters reveals leading edge research and innovative solution that employ AI techniques with an applied perspective. The problems include classification of spatial images, early smoke detection in outdoor space from video images, emergent segmentation from image analysis, intensity modification in images, multi-agent modeling and analysis of stress. They all are novel pieces of work and demonstrate how AI research contributes to

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solutions for difficult real world problems that benefit the research community, industry and society.

Data Mining and Data Visualization focuses on dealing with large-scale data, a field commonly referred to as data mining. The book is divided into three sections. The first deals with an introduction to statistical aspects of data mining and machine learning and includes applications to text analysis, computer intrusion detection, and hiding of information in digital files. The second section focuses on a variety of statistical methodologies that have proven to be effective in data mining applications. These include clustering,

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classification, multivariate density estimation, tree-based methods, pattern recognition, outlier detection, genetic algorithms, and dimensionality reduction. The third section focuses on data visualization and covers issues visualization of high-dimensional data, novel graphical techniques with a focus on human factors, interactive graphics, and data visualization using virtual reality. This book represents a thorough cross section of internationally renowned thinkers who are inventing methods for dealing with a new data paradigm. Distinguished contributors who are international experts in aspects of data mining Includes data mining

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approaches to non-numerical data mining including text data, Internet traffic data, and geographic data Highly topical discussions reflecting current thinking on contemporary technical issues, e.g. streaming data Discusses taxonomy of dataset sizes, computational complexity, and scalability usually ignored in most discussions Thorough discussion of data visualization issues blending statistical, human factors, and computational insights

Blown to Bits

Mobile Health Applications for Quality Healthcare Delivery

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Mining the Web

Information Industry Directory

Advances in Machine Learning I

Parallel Processing for Scientific Computing

Handbook of Statistical Analysis and Data Mining

Applications, Second Edition, is a comprehensive professional reference book that guides business analysts, scientists, engineers and researchers, both academic and industrial, through all stages of data analysis, model building and implementation. The handbook helps users discern technical and business problems, understand the strengths and weaknesses of

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modern data mining algorithms and employ the right statistical methods for practical application. This book is an ideal reference for users who want to address massive and complex datasets with novel statistical approaches and be able to objectively evaluate analyses and solutions. It has clear, intuitive explanations of the principles and tools for solving problems using modern analytic techniques and discusses their application to real problems in ways accessible and beneficial to practitioners across several areas—from science and engineering, to medicine, academia and commerce. Includes input by

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practitioners for practitioners Includes tutorials in numerous fields of study that provide step-by-step instruction on how to use supplied tools to build models Contains practical advice from successful real-world implementations Brings together, in a single resource, all the information a beginner needs to understand the tools and issues in data mining to build successful data mining solutions Features clear, intuitive explanations of novel analytical tools and techniques, and their practical applications This volume offers selected papers exploring issues arising from scientific discovery in the social sciences.

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It features a range of disciplines including behavioural sciences, computer science, finance, and statistics with an emphasis on philosophy. The first of the three parts examines methods of social scientific discovery.

Chapters investigate the nature of causal analysis, philosophical issues around scale development in behavioural science research, imagination in social scientific practice, and relationships between paradigms of inquiry and scientific fraud. The next part considers the practice of social science discovery. Chapters discuss the lack of genuine scientific discovery in finance where hypotheses concern the

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cheapness of securities, the logic of scientific discovery in macroeconomics, and the nature of that what discovery with the Solidarity movement as a case study. The final part covers formalising theories in social science. Chapters analyse the abstract model theory of institutions as a way of representing the structure of scientific theories, the semi-automatic generation of cognitive science theories, and computational process models in the social sciences. The volume offers a unique perspective on scientific discovery in the social sciences. It will engage scholars and students with a multidisciplinary interest in the

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philosophy of science and social science.

Comprehensive directory of databases as well as services "involved in the production and distribution of information in electronic form." There is a detailed subject index and function/service classification as well as name, keyword, and geographical location indexes.

Findex

Trademarks

Hoover's Handbook of Private Companies 2007

Official Gazette of the United States Patent and Trademark Office

The Only Comprehensive Guide to the Energy &

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Utilities Industry

Enabling and Transforming Business

Edited by Steve Jones, one of the leading scholars and founders of this emerging field, and with contributions from an international group of scholars as well as science and technology writers and editors, the Encyclopedia of New Media widens the boundaries of today's information society through interdisciplinary, historical, and international coverage. With such topics as broadband, content filtering, cyberculture,

cyberethics, digital divide, freenet, MP3, privacy, telemedicine, viruses, and wireless networks, the Encyclopedia will be an indispensable resource for anyone interested or working in this field. Unlike many encyclopedias that provide short, fragmented entries, the Encyclopedia of New Media examines each subject in depth in a single, coherent article. Many articles span several pages and are presented in a large, double-column format for easy reading. Each article also includes the following: A bibliography Suggestions for further

reading Links to related topics in the Encyclopedia Selected works, where applicable Entries include: Pioneers, such as Marc Andreesen, Marshall McLuhan, and Steve Jobs Terms, from "Access" to "Netiquette" to "Web-cam" Technologies, including Bluetooth, MP3, and Linux Businesses, such as Amazon.com Key labs, research centers, and foundations Associations Laws, and much more The Encyclopedia of New Media includes a comprehensive index as well as a reader's guide that facilitates browsing and easy access to

information. Recommended Libraries Public, academic, government, special, and private/corporate

This comprehensive reference consists of 18 chapters from prominent researchers in the field. Each chapter is self-contained, and synthesizes one aspect of frequent pattern mining. An emphasis is placed on simplifying the content, so that students and practitioners can benefit from the book. Each chapter contains a survey describing key research on the topic, a case study and future directions.

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Key topics include: Pattern Growth Methods, Frequent Pattern Mining in Data Streams, Mining Graph Patterns, Big Data Frequent Pattern Mining, Algorithms for Data Clustering and more. Advanced-level students in computer science, researchers and practitioners from industry will find this book an invaluable reference.

**No Place to Hide
Simon and Schuster
Skillings' Mining Review
Plunkett's Energy Industry Almanac, 2006
Encyclopedia of New Media**

Strategies for Success in B2B Ecommerce The Handbook of Information and Computer Ethics InfoWorld

One of the central engines of the current shift towards decentralization and reorientation of healthcare services is mobile healthcare (mHealth). mHealth offers unique opportunities to reduce cost, increase efficiencies, and improve quality and access to healthcare. However, the full impact of mHealth is just beginning to be felt by the medical community

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and requires further examination to understand the full range of benefits it contributes to medical staff and patients. Mobile Health Applications for Quality Healthcare Delivery explores the emergence of mHealth in the healthcare setting and examines its impact on patient-centered care, including how it has reshaped access, quality, and treatment. Highlighting topics such as patient management, emergency medicine, and health monitoring, this publication supports e-health systems designers in understanding how mobile

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technologies can best be used for the benefit of both doctors and their patients. It is designed for healthcare professionals, administrators, students, health services managers, and academicians.

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects. Professor Richard S. Michalski passed away on September 20, 2007. Once we learned about his untimely death we immediately realized that

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we would no longer have with us a truly exceptional scholar and researcher who for several decades had been influencing the work of numerous scientists all over the world - not only in his area of expertise, notably machine learning, but also in the broadly understood areas of data analysis, data mining, knowledge discovery and many others. In fact, his influence was even much broader due to his creative vision, integrity, scientific excellence and exceptionally wide intellectual horizons which extended to history, political science and

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arts. Professor Michalski ' s death was a particularly deep loss to the whole Polish scientific community and the Polish Academy of Sciences in particular. After graduation, he began his research career at the Institute of Automatic Control, Polish Academy of Science in Warsaw. In 1970 he left his native country and hold various prestigious positions at top US universities. His research gained impetus and he soon established himself as a world authority in his areas of interest – notably, he was widely cons- ered a father of machine

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learning.

Programmer's Market

National Minority and Women-owned Business
Directory

Frequent Pattern Mining

Data Mining and Data Visualization

Dedicated to the Memory of Professor Ryszard
S. Michalski

Information Technology and Financial Services offers a
thorough examination of the benefits that can be gained from
the application of the new technologies to banking.

Mathematics of Computing -- Parallelism.

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For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

Concepts, Techniques, and Applications in Microsoft Office Excel with XLMiner

Handbook of Statistical Analysis and Data Mining

Applications

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Data Mining and Applications in Genomics

Supercomputing

Improvements in the application of online learning technologies

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are continually on the rise as the expectation for individuals to obtain a higher education grows and more people are seeking alternative modes of education. As more institutions implement e-learning systems, it has become increasingly important to explore the advancements and obstacles of these technologies. The Handbook of Research on Estimation and Control Techniques in E-Learning Systems presents the latest research in online learning and educational technologies for a diverse range of students and educational environments. Featuring comprehensive coverage on the implementation and usage of e-education systems, this publication explores a variety of pertinent topics including, but not limited to, ubiquitous computer technology, e-learning environments, and challenges in implementing these technologies, serving as a crucial

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reference source for researchers, professionals, academicians, students, government officials, and technology developers interested in the adoption and implementation of e-learning systems.