

Data Mining And Data Warehousing

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Data Warehousing and Data Mining - Elliot King 2000
CTR's report provides the necessary knowledge to develop and implement a successful data warehouse project. The report examines all aspects of data warehousing and offers step-by-step plans for data warehouse project development, including how to assemble an effective project team and effective data mining techniques. The report also reviews the key data warehousing technologies, products and vendors.

Data Mining & Warehousing - Ikvinderpal Singh 2014
This book has numerous features that make it a winner, The order of topics is very logical, The choice of topics is quite appropriate for a comprehensive introductory book. The subject matter is logically structured, with chapters covering essential components of the data mining and warehousing field. The sequence of topics is well planned to provide a seamless transition from design to implementation. Within each chapter, the continuity of topics is excellent. The figures appropriately enhance and amplify the topics.

The exercises can be found at the end of each chapter.
Data Mining, Data Warehousing and Client/Server Databases - Brian Siu 1997-12

The 8th International Database Workshop, organized by the Hong Kong Computer Society and held in Hong Kong in July 1997, dedicated its theme to Data Mining, Data Warehouse and Client/Server Databases with separate focuses on the Academic and the Industrial Streams. It brought together database practitioners, researchers and vendors to share and explore their methodologies and experiences of advance database systems. These proceedings contain 22 of the selected papers received for the section on the Industrial Stream, written by database vendors and consultants from 14 countries around the world. It will serve as a useful and practical technology reference book on the latest findings in the field.

Learn Data Warehousing in 24 Hours - Alex Nordeen
2020-09-15

Unlike popular belief, Data Warehouse is not a single

tool but a collection of software tools. A data warehouse will collect data from diverse sources into a single database. Using Business Intelligence tools, meaningful insights are drawn from this data. The best thing about "Learn Data Warehousing in 1 Day" is that it is small and can be completed in a day. With this e-book, you will be enough knowledge to contribute and participate in a Data warehouse implementation project. The book covers upcoming and promising technologies like Data Lakes, Data Mart, ELT (Extract Load Transform) amongst others. Following are detailed topics included in the book Table Of Content Chapter 1: What Is Data Warehouse? 1. What is Data Warehouse? 2. Types of Data Warehouse 3. Who needs Data warehouse? 4. Why We Need Data Warehouse? 5. Data Warehouse Tools Chapter 2: Data Warehouse Architecture 1. Characteristics of Data warehouse 2. Data Warehouse Architectures 3. Datawarehouse Components 4. Query Tools Chapter 3: ETL Process 1. What is ETL? 2. Why do you need ETL? 3. ETL Process 4. ETL tools Chapter 4: ETL Vs ELT 1. What is ETL? 2. Difference between ETL vs. ELT Chapter 5: Data Modeling 1. What is Data Modelling? 2. Types of Data Models 3. Characteristics of a physical data model Chapter 6: OLAP 1. What is Online Analytical Processing? 2. Types of OLAP systems 3. Advantages and Disadvantages of OLAP Chapter 7: Multidimensional Olap (MOLAP) 1. What is MOLAP? 2. MOLAP Architecture 3. MOLAP Tools Chapter 8: OLAP Vs OLTP 1. What is the meaning of OLAP? 2. What is the meaning of OLTP? 3. Difference between OLTP and OLAP Chapter 9: Dimensional Modeling 1. What is Dimensional Model? 2. Elements of Dimensional Data Model 3. Attributes 4. Difference between Dimension table vs. Fact table 5. Steps of Dimensional Modelling 6. Rules for Dimensional Modelling Chapter 10: Star and Snowflake

Schema 1. What is Multidimensional schemas? 2. What is a Star Schema? 3. What is a Snowflake Schema? 4. Difference between Start Schema and Snowflake Chapter 11: Data Mart 1. What is Data Mart? 2. Type of Data Mart 3. Steps in Implementing a Datamart Chapter 12: Data Mart Vs Data Warehouse 1. What is Data Warehouse? 2. What is Data Mart? 3. Differences between a Data Warehouse and a Data Mart Chapter 13: Data Lake 1. What is Data Lake? 2. Data Lake Architecture 3. Key Data Lake Concepts 4. Maturity stages of Data Lake Chapter 14: Data Lake Vs Data Warehouse 1. What is Data Warehouse? 2. What is Data Lake? 3. Key Difference between the Data Lake and Data Warehouse Chapter 15: What Is Business Intelligence? 1. What is Business Intelligence 2. Why is BI important? 3. How Business Intelligence systems are implemented? 4. Four types of BI users Chapter 16: Data Mining 1. What is Data Mining? 2. Types of Data 3. Data Mining Process 4. Modelling 5. Data Mining Techniques Chapter 17: Data Warehousing Vs Data Mining 1. What is Data warehouse? 2. What Is Data Mining? 3. Difference between Data mining and Data Warehousing?

Data Warehousing and Knowledge Discovery - Alfredo Cuzzocrea 2011-08-19

This book constitutes the refereed proceedings of the 13th International Conference on Data Warehousing and Knowledge Discovery, DaWak 2011 held in Toulouse, France in August/September 2011. The 37 revised full papers presented were carefully reviewed and selected from 119 submissions. The papers are organized in topical sections on physical and conceptual data warehouse models, data warehousing design methodologies and tools, data warehouse performance and optimization, pattern mining, matrix-based mining techniques and stream, sensor and time-series mining.

The Analytical Puzzle - David Haertzen 2012-07-01

Do you enjoy completing puzzles? Perhaps one of the most challenging (yet rewarding) puzzles is delivering a successful data warehouse suitable for data mining and analytics. The Analytical Puzzle describes an unbiased, practical, and comprehensive approach to building a data warehouse which will lead to an increased level of business intelligence within your organization. New technologies continuously impact this approach and therefore this book explains how to leverage big data, cloud computing, data warehouse appliances, data mining, predictive analytics, data visualization and mobile devices. Here are the main objectives for each of the book's 19 chapters:

- Chapter 1: Develop a foundational knowledge of data warehousing, business intelligence and analytics
- Chapter 2: Build the business case needed to sell your data warehousing project, and then produce a project plan that avoids common pitfalls
- Chapter 3: Elicit and organize business intelligence and data warehousing business requirements
- Chapter 4: Specify the technical architecture of the data warehousing system, including software and infrastructure components, technology stack, and non-functional requirements. Gain an understanding of cloud based data warehousing and data warehouse appliances
- Chapter 5: Learn about data attributes including metrics and key performance indicators (KPIs), the raw material of data warehousing and business intelligence
- Chapter 6: Learn about data modeling and how to apply design patterns for each part of the data warehouse
- Chapter 7: Speak the dimensional modeling language of measures, dimensions, facts, cubes, stars, and snowflakes
- Chapter 8: Organize a successful data governance program. Learn how to manage metadata for your data warehousing and

- business intelligence project
- Chapter 9: Identify useful data sources and implement a data quality program
- Chapter 10: Use database technology for your data warehousing project, and understand the impact of data warehouse appliances, big data, in memory databases, columnar databases and OnLine Analytical Processing (OLAP)
- Chapter 11: Apply data integration and understand the role data mapping, data cleansing, data transformation, and loading data play in a successful data warehouse
- Chapter 12: Use the business intelligence (BI) operations of slice, dice, drill down, roll up, and pivot to analyze and present data
- Chapter 13: Learn about descriptive and predictive statistics, and calculate mean, median, mode, variance and standard deviation
- Chapter 14: Harness analytical methods such as regression analysis, data mining, and statistics to make profitable decisions and anticipate the future
- Chapter 15: Appreciate the components and design patterns that compose a successful analytic application
- Chapter 16: Gain an understanding of the uses and benefits of scorecards and dashboards including support of mobile device users
- Chapter 17: Gain insight into applications of business intelligence that could profit your organization, including risk management, finance, marketing, government, healthcare, science and sports
- Chapter 18: Perform customer analytics to better understand and segment your customers
- Chapter 19: Test, roll out, and sustain the data warehouse

Data Warehousing and Mining: Concepts, Methodologies, Tools, and Applications - Wang, John 2008-05-31

In recent years, the science of managing and analyzing large datasets has emerged as a critical area of research. In the race to answer vital questions and make knowledgeable decisions, impressive amounts of data are

now being generated at a rapid pace, increasing the opportunities and challenges associated with the ability to effectively analyze this data.

Data Mining and Data Warehousing - S. K. Mourya 2013
Data mining (if you haven't heard of it before), is the Automated Extraction of Hidden Predictive Information from Databases. This book discusses in a step by step approach instructions for the entire data modeling process, with special emphasis on the business knowledge necessary for effective results giving quick introductions to database and data mining concepts with particular emphasis on data analysis followed by concepts and techniques that underlie classification, prediction, association, and clustering. These topics are presented with examples and algorithms for each problem. The Socratic presentation style is both very readable and very informative. The purpose of this book is to serve as a handbook for analysts, data miners, and marketing managers at all levels.

Building the Data Warehouse - W. H. Inmon 2002-10-01

The data warehousing bible updated for the new millennium Updated and expanded to reflect the many technological advances occurring since the previous edition, this latest edition of the data warehousing "bible" provides a comprehensive introduction to building data marts, operational data stores, the Corporate Information Factory, exploration warehouses, and Web-enabled warehouses. Written by the father of the data warehouse concept, the book also reviews the unique requirements for supporting e-business and explores various ways in which the traditional data warehouse can be integrated with new technologies to provide enhanced customer service, sales, and support-both online and offline-including near-line data storage techniques.

Data Mining and Data Warehousing - Parteek Bhatia
2019-06-27

Provides a comprehensive textbook covering theory and practical examples for a course on data mining and data warehousing.

Data warehouse & data mining - Roland Gabriel 2009
Charakteristika dieses Buches: Umfassende Darstellung der Themenbereiche Data Warehousing und Data Mining . Den betrieblichen Alltag optimieren. Vermittlung der technischen Komponenten zur Informationsversorgung und Entscheidungsunterstützung. Alle konzeptionellen und technischen Grundlagen werden vorgestellt. Mit zahlreichen Beispielen aus einer durchgängigen Fallstudie. Analysedaten multidimensional modellieren und in einer geeigneten Architektur implementieren. Unter Einsatz leistungsfähiger Methoden zielführend Analysedaten auswerten. Themenschwerpunkte: Data Warehouse und OLAP, On-Line Analytical Processing, Modellierung multidimensionaler Datenstrukturen, Data Mining, CRISP-DM-Modell.

Efficient Data Mining for Data Warehousing and E-commerce - Scott Charles Winterstein 2000

Data Mining and Data Warehousing - Bharat Bhushan Agarwal 2009

Data Warehousing and Data Mining Techniques for Cyber Security - Anoop Singhal 2007-04-06

The application of data warehousing and data mining techniques to computer security is an important emerging area, as information processing and internet accessibility costs decline and more and more organizations become vulnerable to cyber attacks. These security breaches include attacks on single computers,

computer networks, wireless networks, databases, or authentication compromises. This book describes data warehousing and data mining techniques that can be used to detect attacks. It is designed to be a useful handbook for practitioners and researchers in industry, and is also suitable as a text for advanced-level students in computer science.

Data Mining and Knowledge Discovery Technologies - Taniar, David 2008-01-31

As information technology continues to advance in massive increments, the bank of information available from personal, financial, and business electronic transactions and all other electronic documentation and data storage is growing at an exponential rate. With this wealth of information comes the opportunity and necessity to utilize this information to maintain competitive advantage and process information effectively in real-world situations. *Data Mining and Knowledge Discovery Technologies* presents researchers and practitioners in fields such as knowledge management, information science, Web engineering, and medical informatics, with comprehensive, innovative research on data mining methods, structures, tools, and methods, the knowledge discovery process, and data marts, among many other cutting-edge topics.

Data Mining and Data Warehousing - Barbara Mento 2003

"The goal of this survey was to determine the extent to which data mining technology is being used by ARL member institutions, researchers, libraries and administrations. The survey also hoped to elicit ideas and opinions concerning the potential role of libraries in supporting data mining and data warehousing in research institutions. The first seven survey questions focus on data mining and data warehousing activities at

the institutional level. The remaining questions explore the current library use of data mining technology and opportunities for future use. Since data warehouses are the foundation of data mining, several questions focused on current support and future plans for data warehousing. The survey was sent to 124 ARL member libraries. Sixty-five (52%) responded to the survey"--P. 9.

Data Warehousing, Data Mining, and OLAP - Alex Berson 1997

"Data Warehousing" is the nuts-and-bolts guide to designing a data management system using data warehousing, data mining, and online analytical processing (OLAP) and how successfully integrating these three technologies can give business a competitive edge.

DATA WAREHOUSING & DATA MINING - Dr. B. Shadaksharappa 2022-02-01

In the modern age of artificial intelligence and business analytics, data is considered as the oil of this cyber world. The mining of data has huge potential to improve business outcomes and to carry out the mining of data there is a growing demand for database mining experts. This book intends training learners to fill this gap. This book will give learners sufficient information to acquire mastery over the subject. It covers the practical aspects of data mining, data warehousing in a simplified manner without compromising on the details of the subject. The main strength of the book is the illustration of concepts with practical examples so that the learners can grasp the contents easily. Another important feature of the book is illustration of data mining algorithms with real life examples.

Data Mining and Warehousing - S. Prabhu 2007-12

Data Mining is the process of analyzing large amount of data in search of previously undiscovered business patterns. Data Warehousing is a relational/multidimensional database that is designed for Query and Analysis rather than Transaction Processing. This book provides a systematic introduction to the principles of Data Mining and Data Warehousing. It covers the entire range of data mining algorithms (prediction, classification, and association), data mining products and applications, stages.

Encyclopedia of Data Warehousing and Mining - Wang, John 2005-06-30

Data Warehousing and Mining (DWM) is the science of managing and analyzing large datasets and discovering novel patterns and in recent years has emerged as a particularly exciting and industrially relevant area of research. Prodigious amounts of data are now being generated in domains as diverse as market research, functional genomics and pharmaceuticals; intelligently analyzing these data, with the aim of answering crucial questions and helping make informed decisions, is the challenge that lies ahead. The Encyclopedia of Data Warehousing and Mining provides a comprehensive, critical and descriptive examination of concepts, issues, trends, and challenges in this rapidly expanding field of data warehousing and mining (DWM). This encyclopedia consists of more than 350 contributors from 32 countries, 1,800 terms and definitions, and more than 4,400 references. This authoritative publication offers in-depth coverage of evolutions, theories, methodologies, functionalities, and applications of DWM in such interdisciplinary industries as healthcare informatics, artificial intelligence, financial modeling, and applied statistics, making it a single

source of knowledge and latest discoveries in the field of DWM.

Data Warehousing and Knowledge Discovery - Il-Yeol Song 2008-08-18

This book constitutes the refereed proceedings of the 10th International Conference on Data Warehousing and Knowledge Discovery, DaWak 2008, held in Turin, Italy, in September 2008. The 40 revised full papers presented were carefully reviewed and selected from 143 submissions. The papers are organized in topical sections on conceptual design and modeling, olap and cube processing, distributed data warehouse, data privacy in data warehouse, data warehouse and data mining, clustering, mining data streams, classification, text mining and taxonomy, machine learning techniques, and data mining applications.

Intelligent Data Warehousing - Zhengxin Chen 2001-12-13
Effective decision support systems (DSS) are quickly becoming key to businesses gaining a competitive advantage, and the effectiveness of these systems depends on the ability to construct, maintain, and extract information from data warehouses. While many still perceive data warehousing as a subdiscipline of management information systems (MIS), in fact many of its advances have and will continue to come from the computer science arena. Intelligent Data Warehousing presents the state of the art in data warehousing research and practice from a perspective that integrates business applications and computer science. It brings the intelligent techniques associated with artificial intelligence (AI) to the entire process of data warehousing, including data preparation, storage, and mining. Part I provides an overview of the main ideas and fundamentals of data mining, artificial

intelligence, business intelligence, and data warehousing. Part II presents core materials on data warehousing, and Part III explores data analysis and knowledge discovery in the data warehousing environment, including how to perform intelligent data analysis and the discovery of influential association patterns. Bridging the gap between theoretical research and business applications, this book summarizes the main ideas behind recent research developments rather than setting forth technical details, and it presents case studies that show the how-to's of implementing these ideas. The result is a practical, first-of-its-kind book that brings together scattered research, unites MIS with computer science, and melds intelligent techniques with data warehousing.

Emerging Perspectives in Big Data Warehousing - Taniar, David 2019-06-28

The concept of a big data warehouse appeared in order to store moving data objects and temporal data information. Moving objects are geometries that change their position and shape continuously over time. In order to support spatio-temporal data, a data model and associated query language is needed for supporting moving objects.

Emerging Perspectives in Big Data Warehousing is an essential research publication that explores current innovative activities focusing on the integration between data warehousing and data mining with an emphasis on the applicability to real-world problems. Featuring a wide range of topics such as index structures, ontology, and user behavior, this book is ideally designed for IT consultants, researchers, professionals, computer scientists, academicians, and managers.

Data Mining Techniques - Arun K. Pujari 2001

This Book Addresses All The Major And Latest Techniques Of Data Mining And Data Warehousing. It Deals With The Latest Algorithms For Discussing Association Rules, Decision Trees, Clustering, Neural Networks And Genetic Algorithms. The Book Also Discusses The Mining Of Web Data, Temporal And Text Data. It Can Serve As A Textbook For Students Of Computer Science, Mathematical Science And Management Science, And Also Be An Excellent Handbook For Researchers In The Area Of Data Mining And Warehousing.

Data Warehousing 101 - Arshad Khan 2003

A guide to data warehousing covers such topics as its basic characteristics and design, data migration, data marts, planning a data warehouse project, and operating a data warehouse.

Data Warehousing and Knowledge Discovery - Alfredo Cuzzocrea 2012-08-29

This book constitutes the refereed proceedings of the 14th International Conference on Data Warehousing and Knowledge Discovery, DaWaK 2012 held in Vienna, Austria, in September 2012. The 36 revised full papers presented were carefully reviewed and selected from 99 submissions. The papers are organized in topical sections on data warehouse design methodologies, ETL methodologies and tools, multidimensional data processing and management, data warehouse and OLAP extensions, data warehouse performance and optimization, data mining and knowledge discovery techniques, data mining and knowledge discovery applications, pattern mining, data stream mining, data warehouse confidentiality and security, and distributed paradigms and algorithms.

The Data Warehousing Handbook - Rob Mattison 2006-09

Mattison explains what data warehouses are and how they

work, key concepts of business reengineering, client/server technology, systems architecture, OLAP, DSS, and much more.

Data Warehousing and Mining: - ITLESL

Data Warehousing and Data Mining is presented in a question-and-answer format following the examination pattern and covers all key topics in the syllabus. The book is designed to make learning fast and effective and is precise, up-to-date and will help students excel in their examinations. The book is part of the Express Learning is a series of books designed as quick reference guides to important undergraduate courses. The organized and accessible format of these books allows students to learn important concepts in an easy-to-understand, question-and-answer format. These portable learning tools have been designed as one-stop references for students to understand and master the subjects by themselves.

DATA WAREHOUSING - C.S.R. PRABHU 2008-08-25

The Third Edition of this well-received text analyses the fundamental concepts of data warehousing, data marts, and OLAP. The author discusses, in an easy-to-understand language, important topics such as data mining, how to build a data warehouse, and potential applications of data warehousing technology in government. Besides, the text compares and contrasts the currently available software tools used to design and develop data warehouses. While retaining the six existing case studies, it gives four new case studies: □ HARBOR, A Highly Available Data Warehouse □ A Typical Business Data Warehouse for a Trading Company □ Customer Data Warehouse for the World's First and Largest Online Bank in the United Kingdom □ A German Supermarket EDEKA's Data Warehouse The book, which is a blend of

principles and real-life case studies, is intended as a text for students of B.Tech/M.Tech (Computer Science and Engineering), B.Tech/M.Tech (Information Technology), MBA, M.Sc. (Computer Science), M.Sc. (Information Technology), and MCA. It should also be of considerable utility and worth to software professionals and database practitioners.

Data Mining and Data Warehouse - Robert Method Karamagi 2020-08-30

Data Mining is a process of discovering patterns in large data sets involving methods at the intersection of machine learning, statistics, and database systems. A Data Warehouse is a system used for reporting and data analysis, and is considered a core component of business intelligence. They are central repositories of integrated data from one or more disparate sources.

Improving Knowledge Discovery through the Integration of Data Mining Techniques - Usman, Muhammad 2015-08-03

Data warehousing is an important topic that is of interest to both the industry and the knowledge engineering research communities. Both data mining and data warehousing technologies have similar objectives and can potentially benefit from each other's methods to facilitate knowledge discovery. Improving Knowledge Discovery through the Integration of Data Mining Techniques provides insight concerning the integration of data mining and data warehousing for enhancing the knowledge discovery process. Decision makers, academicians, researchers, advanced-level students, technology developers, and business intelligence professionals will find this book useful in furthering their research exposure to relevant topics in knowledge discovery.

Modern Data Warehousing, Mining, and Visualization -

George M. Marakas 2003

For undergraduate/graduate-level Data Mining or Data Warehousing courses in Information Systems or Operations Management Departments electives. Taking a multidisciplinary user/manager approach, this text looks at data warehousing technologies necessary to support the business processes of the twenty-first century.

Using a balanced professional and conversational approach, it explores the basic concepts of data mining, warehousing, and visualization with an emphasis on both technical and managerial issues and the implication of these modern emerging technologies on those issues. Data mining and visualization exercises using an included fully-enabled, but time-limited version of Megaputer's PolyAnalyst and TextAnalyst data mining and visualization software give students hands-on experience with real-world applications.

DATA MINING AND WAREHOUSING - Khusboo Saxena/Sandeep Saxena/Akash Saxena 2018-06-06

Description: The book has been written in such a way that the concepts are explained in detail, giving adequate emphasis on examples. To make clarity on the topic, diagrams are given extensively throughout the text. The book discusses design issues for phases of mining in substantial depth. The stress is more on problem solving. Various Comprehensive coverage of various aspects of Data Mining and Warehousing concepts Strictly in accordance for the syllabus covered under

B.E./B.Tech/MCA Simple language, crystal clear approach, straight forward comprehensible presentation Adopting user friendly classroom lecture style The concepts are duly supported by sever examples Syllabus coverage of three universities UPTU, RTU and RGPV Table Of

Contents: Chapter 1 : Introduction To Data Mining Chapter

2 : Concept Description Chapter 3 : Association Rule Mining Chapter 4 : Classification and Predictions Chapter 5 : Cluster Analysis Chapter 6 : Introduction to Data Warehouse Chapter 7 : OLAP Technology Chapter 8 : Advance Topic On Data Mining and Warehousing

Introduction to Data Mining and Its Applications - S. Sumathi 2006-09-26

This book explores the concepts of data mining and data warehousing, a promising and flourishing frontier in data base systems and new data base applications and is also designed to give a broad, yet in-depth overview of the field of data mining. Data mining is a multidisciplinary field, drawing work from areas including database technology, AI, machine learning, NN, statistics, pattern recognition, knowledge based systems, knowledge acquisition, information retrieval, high performance computing and data visualization. This book is intended for a wide audience of readers who are not necessarily experts in data warehousing and data mining, but are interested in receiving a general introduction to these areas and their many practical applications. Since data mining technology has become a hot topic not only among academic students but also for decision makers, it provides valuable hidden business and scientific intelligence from a large amount of historical data. It is also written for technical managers and executives as well as for technologists interested in learning about data mining.

Data Warehousing, Data Mining, & Olap - Berson 2004-03

Data Warehousing Olap And Data Mining - S. Nagabhushana 2006

This Book Is Mainly Intended For It Students And Professionals To Learn Or Implement Data Warehousing

Technologies. It Experiences The Real-Time Environment And Promotes Planning, Managing, Designing, Implementing, Supporting, Maintaining And Analyzing Data Warehouse In Organizations And It Also Provides Various Mining Techniques As Well As Issues In Practical Use Of Data Mining Tools. The Book Is Designed For The Target Audience Such As Specialists, Trainers And It Users. It Does Not Assume Any Special Knowledge As Background. Understanding Of Computer Use, Databases And Statistics Will Be Helpful.

Data Warehouses - Barbara J. Bashein 2000

Data mining gets plenty of press these days, but before the data can be mined, it must be warehoused assembled, cleaned, organized, and stored. And now that vendors are introducing data warehouses on a smaller scale, even companies with limited resources can use this hot groundbreaking new study which profiles four small to medium-sized companies with data warehouses and reveals how they use this tool to get big paybacks in financial reporting and product quality information.

Advances in Database Technologies - Yahiko Kambayashi 2004-01-30

This book presents the thoroughly refereed joint post-proceedings of three workshops held during the 17th International Conference on Conceptual Modeling, ER '98, in Singapore in November 1998. The 50 revised papers presented have gone through two rounds of reviewing and revision. The book is divided in sections on knowledge discovery, data mining, data and web warehousing,

multidimensional databases, data warehouse design, caching, data dissemination, replication, mobile networks, mobile platforms, tracking and monitoring, collaborative work support, temporal data modelling, moving objects and spatial indexing, spatio-temporal databases, and video database contents.

Data Warehousing and Knowledge Discovery - Yahiko Kambayashi 2001-08-27

This book constitutes the refereed proceedings of the Third International Conference on Data Warehousing and Knowledge Discovery, DaWaK 2001, held in Munich, Germany in September 2001. The 33 revised full papers presented together with one invited paper were carefully reviewed and selected from more than 90 submissions. The papers are organized in topical sections on association rules, mining temporal patterns, data mining techniques, collaborative filtering and Web mining, visualization and matchmaking, development of data warehouses, maintenance of data warehouses, OLAP, and distributed data warehouses.

Integrations of Data Warehousing, Data Mining and Database Technologies - David Taniar 2011

"This book provides a comprehensive compilation of knowledge covering state-of-the-art developments and research, as well as current innovative activities in data warehousing and mining, focusing on the integration between the fields of data warehousing and data mining, with emphasis on the applicability to real world problems"--Provided by publisher.