

Data Mining, Data Warehousing and Knowledge Discovery

Basic Algorithms and Concepts

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Overview

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Data Warehousing And Knowledge Discovery Data Warehousing And Knowledge Discovery

A Min Tjoa



Data Warehousing And Knowledge Discovery Data Warehousing And Knowledge Discovery:

Data Warehousing and Knowledge Discovery Alfredo Cuzzocrea, Umeshwar Dayal, 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 Data Warehousing and Knowledge Discovery Yahiko

Kambayashi, Werner Winiwarter, Masatoshi Arikawa, 2003-06-30 Data Warehousing and Knowledge Discovery technology is emerging as a key technology for enterprises that wish to improve their data analysis decision support activities and the automatic extraction of knowledge from data The objective of the Third International Conference on Data Warehousing and Knowledge Discovery DaWaK 2001 was to bring together researchers and practitioners to discuss research issues and experience in developing and deploying data warehousing and knowledge discovery systems applications and solutions The conference focused on the logical and physical design of data warehousing and knowledge discovery systems The scope of the papers covered the most recent and relevant topics in the areas of association rules mining temporal patterns data mining techniques collaborative filtering Web mining visualization matchmaking development and maintenance of data warehouses OLAP and distributed data warehouses These proceedings contain the technical papers selected for presentation at the conference We received more than 90 papers from over 20 countries and the program committee finally selected 34 papers The conference program included one invited talk Knowledge Management in Heterogeneous Data Warehouse Environments by Professor Larry Kerschberg George Mason University USA *Data Warehousing and Knowledge Discovery* Yahiko Kambayashi, Werner Winiwarter, Masatoshi Arikawa, 2003-08-02 Within the last few years Data Warehousing and Knowledge Discovery technology has established itself as a key technology for enterprises that wish to improve the quality of the results obtained from data analysis decision support and the automatic extraction of knowledge from data The Fourth International Conference on Data Warehousing and Knowledge Discovery DaWaK 2002 continues a series of successful conferences dedicated to this topic Its main objective is to bring together researchers and practitioners to discuss research issues and experience in developing and deploying data warehousing and knowledge discovery systems applications and solutions The conference focuses on the logical and physical design of data warehousing and knowledge discovery systems The scope of the papers covers the most recent and relevant topics in the areas of association rules clustering Web mining security data mining techniques data cleansing applications data warehouse design and maintenance and OLAP These proceedings contain the technical papers selected for presentation at the conference We received more than 100 papers from over 20 countries and the program committee finally selected 32 papers The conference program included one invited talk

Text Mining Applications of a Shallow Parser by Walter Daelemans University of Antwerp Belgium We would like to thank the DEXA 2002 Workshop General Chair Roland Wagner and the organizing committee of the 13 International Conference on Database and Expert Systems Applications DEXA 2002 for their support and their cooperation

Data Warehousing and Knowledge Discovery Yahiko Kambayashi, Mukesh Mohania, Min A Tjoa, 2000-08-25 The Second International Conference on Data Warehousing and Knowledge Discovery DaWaK 2000 was held in Greenwich UK 4-6 September DaWaK 2000 was a forum where researchers from data warehousing and knowledge discovery disciplines could exchange ideas on improving next generation decision support and data mining systems The conference focused on the logical and physical design of data warehousing and knowledge discovery systems The scope of the papers covered the most recent and relevant topics in the areas of data warehousing multidimensional databases OLAP knowledge discovery and mining complex databases These proceedings contain the technical papers selected for presentation at the conference We received more than 90 papers from over 20 countries and the program committee finally selected 31 long papers and 11 short papers The conference program included three invited talks namely A Foolish Consistency Technical Challenges in Consistency Management by Professor Anthony Finkelstein University College London UK European Plan for Research in Data Warehousing and Knowledge Discovery by Dr Harald Sonnberger Head of Unit A4 Eurostat European Commission and Security in Data Warehousing by Professor Bharat Bhargava Purdue University USA

Complex Data Warehousing and Knowledge Discovery for Advanced Retrieval Development: Innovative Methods and Applications Nguyen, Tho Manh, 2009-07-31 Recently researchers have focused on challenging problems facing the development of data warehousing knowledge discovery and data mining applications

Data Warehousing and Knowledge Discovery Ladjel Bellatreche, Mukesh K. Mohania, 2014-08-20 This book constitutes the refereed proceedings of the 16th International Conference on Data Warehousing and Knowledge Discovery DaWaK 2014 held in Munich Germany September 2014 in conjunction with DEXA 2014 The 34 revised full papers and 8 short papers presented were carefully reviewed and selected from 109 submissions The papers are organized in topical sections on modeling and ETL ontology based data warehouses advanced data warehouses and OLAP uncertainty preferences and recommendation query performance and HPC cube optimization classification social networks and recommendation systems knowledge data discovery industrial applications mining and processing data stream mining and similarity

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

Data Warehousing and Knowledge

Discovery A Min Tjoa, 2005-08-17 This book constitutes the refereed proceedings of the 7th International Conference on Data Warehousing and Knowledge Discovery DaWaK 2005 held in Copenhagen Denmark in August 2005 The 51 revised full papers presented were carefully reviewed and selected from 196 submissions The papers are organized in topical sections on data warehouses evaluation and tools schema transformations materialized views aggregates data warehouse queries and database processing issues data mining algorithms and techniques association rules text processing and classification security and privacy issues patterns and cluster and classification Data Warehousing and Knowledge Discovery Mukesh Mohania, A Min Tjoa, 1999 This book constitutes the refereed proceedings of the First International Conference on Data Warehousing and Knowledge Discovery DaWaK 99 held in Florence Italy in August September 1999 The 31 revised full papers and nine short papers presented were carefully reviewed and selected from 88 submissions The book is divided in topical sections on data warehouse design online analytical processing view synthesis selection and optimization multidimensional databases knowledge discovery association rules indexing and object similarities generalized association rules and data and web mining time series data bases data mining applications and data analysis **Data Warehousing and Knowledge Discovery** Yahiko Kambayashi, Mukesh Mohania, Wolfram Wöß, 2004-11-08 Within the last few years data warehousing and knowledge discovery technology has established itself as a key technology for enterprises that wish to improve the quality of the results obtained from data analysis decision support and the automatic extraction of knowledge from data The 6th International Conference on Data Warehousing and Knowledge Discovery DaWaK 2004 continued a series of successful conferences dedicated to this topic Its main objective was to bring together researchers and practitioners to discuss research issues and experience in developing and deploying data warehousing and knowledge discovery systems applications and solutions The conference focused on the logical and physical design of data warehousing and knowledge discovery systems The scope of the papers covers the most recent and relevant topics in the areas of data cubes and queries multidimensional data models XML data mining data semantics and clustering association rules data mining techniques data analysis and discovery query optimization data cleansing data warehouse design and maintenance and applications These proceedings contain the technical papers selected for presentation at the conference We received more than 100 papers including 12 industrial papers from over 33 countries and the program committee finally selected 40 papers The conference program included an invited talk by Kazuo Iwano IBM Tokyo Research Lab Japan We would like to thank the DEXA 2004 Workshop General Chairs Prof

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