
Data Warehousing And Knowledge Discovery 16th International Conference Dawak 2014 Munich Germany September 2 4 2014 Proceedings Lecture Notes Applications Incl Internetweb And Hci

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April, 16 2024

A Knowledge Discovery Approach Springer
For more than a decade, data warehousing and knowledge discovery technologies have been developing into key technologies for decision-making processes in companies. Since 1999, due to the relevant role of these technologies in academia and industry, the Data Warehousing and Knowledge Discovery (DaWaK) conference series have become an international forum where both practitioners and researchers share their findings, publish their relevant results and dispute in depth research issues and experiences on data warehousing and knowledge discovery systems and

applications. The 7th International Conference on Data Warehousing and Knowledge Discovery (DaWaK 2005) continued series of successful conferences dedicated to these topics. In this edition, the conference tried to provide the right, logical balance between data warehousing and knowledge discovery. Regarding data warehousing, papers cover different relevant and still unsolved research problems, such as the modelling of ETL processes and integration problems, designing OLAP technologies from XML documents, modelling data warehouses and data mining applications together, improvements in query processing, partitioning and

implementations. With regard to data mining, a variety of papers were presented on subjects including data mining techniques, clustering, classification, text documents and classification, and patterns. These proceedings contain the technical papers that were selected for presentation at the conference. We received 196 abstracts, and finally received 162 papers from 38 countries, and the Program Committee eventually selected 51 papers, making an acceptance rate of 31.4 % of submitted papers.

*Special
Issue on
Data
Warehousing
and
Knowledge
Discovery*

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years Data	Internationa	data
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 proceedings Walter **and Knowledge**
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 presentation would like proceedings of the
 at the to thank the 5th International
 conference. DEXA 2002 Conference on Data
 We received Workshop Warehousing and
 Knowledge

Discovery, DaWaK 2003, held in Prague, Czech Republic in September 2003. The 41 revised full papers presented were carefully reviewed and selected from more than 130 submissions. The papers are organized in topical sections on data cubes and queries, multidimensional data models, Web warehousing, change detection, Web mining and association rules, association rules and decision trees, clustering, association rule mining, data analysis and discovery, ontologies and

improving data quality, queries and data patterns, improving database query engines, and sampling and vector classification.

6th International Conference, DaWaK 2004, Zaragoza, Spain, September 1-3, 2004, Proceedings

Springer
Currently there are major challenges in data mining applications in the geosciences.

This is due primarily to the fact that there is a wealth of available mining data amid an

absence of the knowledge and expertise necessary to analyze and accurately interpret the same data. Most geoscientists have no practical knowledge or experience using data mining techniques. For the few that do, they typically lack expertise in using data mining software and in selecting the most appropriate algorithms for a given application. This leads to a paradoxical scenario of "rich data but poor

knowledge". The true solution is to apply data mining techniques in geosciences databases and to modify these techniques for practical applications. Authored by a global thought leader in data mining, Data Mining and Knowledge Discovery for Geoscientists addresses these challenges by summarizing the latest developments in geosciences data mining and arming scientists with the ability to

apply key concepts to effectively analyze and interpret vast amounts of critical information. Focuses on 22 of data mining's most practical algorithms and application samples Features 36 case studies and end-of-chapter exercises unique to the geosciences to underscore key data mining applications Presents a practical and integrated system of data

mining and knowledge discovery for geoscientists Rigorous yet broadly accessible to geoscientists, engineers, researchers and programmers in data mining Introduces widely used algorithms, their basic principles and conditions of applications, diverse case studies, and suggests algorithms that may be suitable for specific applications 4th International Conference,

<p>DaWaK 2002, Aix-en-Provence, France, September 4-6, 2002. Proceedings Springer Data Warehousing and Knowledge Discovery 10th International Conference, DaWak 2008 Turin, Italy, September 1-5, 2008, Proceedings Springer Science & Business Media Data Warehousing and Knowledge Discovery Springer Science & Business Media Eight sections of</p>	<p>A this book spans fundamental issues of knowledge discovery, classification and clustering, trend and deviation analysis, dependency derivation, integrated discovery systems, augmented database systems and application case studies. The appendices provide a list of terms used in the literature of the field of data mining and knowledge discovery in databases, and a list of online resources for the KDD researcher. Data Warehousing</p>	<p>and Knowledge Discovery Springer This book constitutes the refereed proceedings of the 15th International Conference on Data Warehousing and Knowledge Discovery, DaWaK 2013 held in Prague, Czech Republic, in August 2013. The 24 revised full papers and 8 short papers presented were carefully reviewed and selected from 89 submissions.</p>
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<p>The papers are organized in topical sections on modeling and ETL, query optimization and parallelism, spatial data warehouses and applications, text mining and OLAP, recommendation and prediction, data mining optimization and machine learning techniques, mining and processing data streams, clustering and data mining applications, social network and graph</p>	<p>mining, and event sequence and Web mining. 5th International Conference, DaWaK 2003, Prague, Czech Republic, September 3-5, 2003, Proceedings Springer Science & Business Media This book constitutes the refereed proceedings of the 17th International Conference on Data Warehousing and Knowledge Discovery, DaWaK 2015, held in Valencia, Spain, September</p>	<p>2015. The 31 revised full papers presented were carefully reviewed and selected from 90 submissions. The papers are organized in topical sections similarity measure and clustering; data mining; social computing; heterogeneous networks and data; data warehouses; stream processing; applications of big data analysis; and big data. Data Warehousing and Knowledge Discovery</p>
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<p>Springer Science & Business Media 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</p>	<p>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,</p>	<p>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.</p>
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<p>Data Warehousing and Knowledge Discovery Springer Science & Business Media</p> <p>Data warehousing and knowledge discovery has been widely accepted as a key technology for enterprises and organizations to improve their abilities in data analysis, decision support, and the automatic extraction of knowledge from data. With the</p>	<p>exponentially growing amount of information to be included in the decision-making process, the data to be considered become more and more complex in both structure and semantics. New developments such as cloud computing add to the challenges with massive scaling, a new computing infrastructure, and new types of data. Consequently, the process of</p>	<p>retrieval and knowledge discovery from this huge amount of heterogeneous complex data forms the litmus test for research in the area. In the last decade, the International Conference on Data Warehousing and Knowledge Discovery (DaWaK) has become one of the most important international scientific events bringing together researchers, developers, and</p>
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practitioners to methods, Data
 discuss the algorithms, and Warehousing,
 latest research solutions to Knowledge
 issues and challenge- ing Discovery, and
 experiences in problems faced Industry and
 developing and in the Applications.
 deploying data development of Third
 warehousing data International
 and knowledge warehousing, Conference,
 discovery knowledge DaWaK 2001
 systems, discovery, the Munich,
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 12 International applications Mit Press
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 Warehousing to better refereed
 and Knowledge reflect novel proceedings of
 Discovery trends and the the 6th
 (DaWaK 2010), diversity of International
 continued the topics, the Conference on
 tradition by conference was Data
 discussing and organized in Warehousing
 disseminating four tracks: and Knowledge
 innovative Cloud Discovery,
 principles, Intelligence, DaWaK 2004,

held in Zaragoza, Spain, in September 2004. The 40 revised full papers presented were carefully reviewed and selected from over 100 submissions. The papers are organized in topical sections on data warehouse design; knowledge discovery framework and XML data mining, data cubes and queries; multidimensional schema and

data aggregation; inductive databases and temporal rules; industrial applications; data clustering; data visualization and exploration; data classification, extraction, and interpretation; data semantics, association rule mining; event sequence mining; and pattern mining. 8th International Conference, DaWaK 2006, Krakow, Poland, September 4-8, 2006,

Proceedings Springer Science & Business Media
This book constitutes the refereed proceedings of the 8th International Conference on Data Warehousing and Knowledge Discovery, DaWaK 2006, held in conjunction with DEXA 2006. The book presents 53 revised full papers, organized in topical sections on ETL processing, materialized view, multidimensiona

<p>I design, OLAP and multidimensional model, cubes processing, data warehouse applications, mining techniques, frequent itemsets, mining data streams, ontology-based mining, clustering, advanced mining techniques, association rules, miscellaneous applications, and classification. 4th International Conference, DaWaK 2002, Aix-en-Provence, France, September 4-6, 2002. Proceedings Springer</p>	<p>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</p>	<p>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, development and maintenance of data warehouses, OLAP, and distributed data</p>
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<p>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 ” Professor Larry Kerschberg, George Mason University, USA. Data Warehousing and Knowledge Discovery Springer</p>	<p>This book constitutes the refereed proceedings of the 18th International Conference on Data Warehousing and Knowledge Discovery, DaWaK 2016, held in Porto, Portugal, September 2016. The 25 revised full papers presented were carefully reviewed and selected from 73 submissions. The papers are organized in typical sections on Mining Big Data, Applications of Big Data Mining, Big Data Indexing and Searching, Big Data Learning and Security, Graph Databases and</p>	<p>Data Warehousing, Data Intelligence and Technology. Third International Conference, DaWaK 2001 Munich, Germany September 5-7, 2001 Proceedings Springer 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</p>
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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. Big Data Analytics and Knowledge Discovery Springer 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 Springer 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 IGI

Global

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 recommend
ation; query
performance
and HPC; cube
& OLAP;
optimization;

classification;
social networks
and recommend
ation systems;
knowledge data
discovery;
industrial
applications;
mining and
processing data
stream; mining
and similarity.

Data

Warehousing
and Knowledge
Discovery

Elsevier

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International
Conference on
Data

Warehousing
and Knowledge
Discovery,

<p>DaWaK 2006, held in conjunction with DEXA 2006. The book presents 53 revised full papers, organized in topical sections on ETL processing, materialized view, multidimensional design, OLAP and multi dimensional model, cubes processing, data warehouse applications, mining techniques, frequent itemsets, mining data streams, ontology-based</p>	<p>mining, clustering, advanced mining techniques, association rules, miscellaneous applications, and classification. Data Warehousing and Knowledge Discovery Springer The Second International Conference on Data Warehousing and Knowledge Discovery (DaWaK 2000) was held in Greenwich, UK 4 – 6 September.</p>	<p>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</p>
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the most recent 31 long papers (Head of Unit and relevant and 11 short A4, Eurostat, topics in the papers. The European areas of data conference Commission); warehousing, m program and “ Security multidimensional included three in Data databases, invited talks, Warehousing ” OLAP, namely, “ A by Professor knowledge Foolish Bharat discovery and Consistency: Bhargava, mining complex Technical Purdue databases. Challenges in University, These Consistency USA. proceedings Management ” contain the by Professor technical Anthony papers selected Finkelstein, for University presentation at College the conference. London, UK; We received “ European Plan more than 90 for Research in papers from Data over 20 Warehousing countries and and Knowledge the program Discovery ” by committee Dr. Harald finally selected Sonnberger