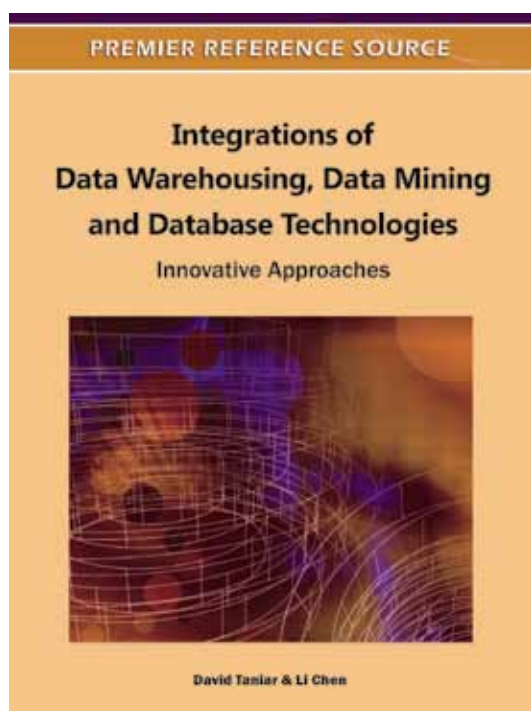


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## Integrations of Data Warehousing, Data Mining and Database Technologies: Innovative Approaches



David Taniar (Monash University, Australia)  
and Li Chen (LaTrobe University, Australia)

Over the years, advances in the business world as well as the changing of diverse application contexts, have caused Data Warehousing and Data Mining to become more paramount in our society. The two share many common issues and are commonly interrelated.

**Integrations of Data Warehousing, Data Mining and Database Technologies: Innovative Approaches** 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. This book focuses on the integration between the fields of data warehousing and data mining, with emphasis on the applicability to real world problems and provides a broad perspective on the future of these two cohesive topic areas.

### Topics Covered:

- Algorithms
- Applications issues
- Data mining methods
- Data models
- Data structures
- Data warehousing process
- Knowledge discovery process
- Mining databases
- Online analytical process
- Practical issues
- Tools and languages

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**David Taniar** holds Bachelor, Master, and PhD degrees - all in Computer Science, with a particular specialty in Databases. His current research is applying data management techniques to various domains, including mobile and geography information systems, parallel and grid computing, web engineering, and data mining. Every year he publishes extensively, including his recent co-authored book: High Performance Parallel Database Processing and Grid Databases (John Wiley & Sons, 2008). His list of publications can be viewed at the DBLP server. He is a founding editor-in-chief of three SCI-E journals: International Journal of Data Warehousing and Mining, Mobile Information Systems, and International Journal of Web and Grid Services. He is currently an Associate Professor at the Faculty of Information Technology, Monash University, Australia.

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### Chapter 1

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### Chapter 2

#### *Summarizing Databases:*

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### Chapter 3

#### *A Parameterized Framework for Clustering Streams*

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Sharanjit Kaur (University of Delhi, India)  
Laurent Mignet (I.B.M., Indian Research Lab, India)

### Chapter 4

#### *A Hybrid Method for High-Utility Itemsets Mining in Large High-Dimensional Data*

Guangzhu Guangzhu Yu (Donghua University, China)  
Shihuang Shao (Donghua University, China)  
Bin Luo (Guangdong University of Technology, China)  
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### Chapter 5

#### *Multidimensional Design Methods for Data Warehousing*

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### Chapter 6

#### *On Handling the Evolution of External Data Sources in a Data Warehouse Architecture*

Wrembel Robert (Poznan University of Technology, Poland)

### Chapter 7

#### *A Survey of Parallel and Distributed Data Warehouses*

Pedro Furtado (Universidade Coimbra, Portugal)

## Section 3:

### Chapter 8

#### *A Survey of Extract-Transform-Load Technology*

Panos Vassiliadis (University of Ioannina, Greece)

### Chapter 9

#### *A State-of-A-the-Art in Spatio-Temporal Data Warehousing, OL-AP and Mining*

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### Chapter 10

#### *A Survey of Open Source Tools for Business Intelligence*

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## Section 4:

### Chapter 11

#### *Primary and Referential Horizontal Partitioning Selection Problems: Concepts, Algorithms and Advisor Tool*

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### Chapter 12

#### *What-If Application Design Using UML*

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### Chapter 13

#### *A Dynamic and Semantically-Aware Technique for Document Clustering in Biomedical Literature*

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### Chapter 14

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