

Data Mining

Third Edition

The Morgan Kaufmann Series in Data Management Systems (Selected Titles)

Joe Celko's Data, Measurements, and Standards in SQL

Joe Celko

Information Modeling and Relational Databases, 2nd Edition

Terry Halpin, Tony Morgan

Joe Celko's Thinking in Sets

Joe Celko

Business Metadata

Bill Inmon, Bonnie O'Neil, Lowell Fryman

Unleashing Web 2.0

Gottfried Vossen, Stephan Hagemann

Enterprise Knowledge Management

David Loshin

The Practitioner's Guide to Data Quality Improvement

David Loshin

Business Process Change, 2nd Edition

Paul Harmon

IT Manager's Handbook, 2nd Edition

Bill Holtsnider, Brian Jaffe

Joe Celko's Puzzles and Answers, 2nd Edition

Joe Celko

Architecture and Patterns for IT Service Management, 2nd Edition, Resource Planning and Governance

Charles Betz

Joe Celko's Analytics and OLAP in SQL

Joe Celko

Data Preparation for Data Mining Using SAS

Mamdouh Refaat

Querying XML: XQuery, XPath, and SQL/ XML in Context

Jim Melton, Stephen Buxton

Data Mining: Concepts and Techniques, 3rd Edition

Jiawei Han, Micheline Kamber, Jian Pei

Database Modeling and Design: Logical Design, 5th Edition

Toby J. Teorey, Sam S. Lightstone, Thomas P. Nadeau, H. V. Jagadish

Foundations of Multidimensional and Metric Data Structures

Hanan Samet

Joe Celko's SQL for Smarties: Advanced SQL Programming, 4th Edition

Joe Celko

Moving Objects Databases

Ralf Hartmut Güting, Markus Schneider

Joe Celko's SQL Programming Style

Joe Celko

Fuzzy Modeling and Genetic Algorithms for Data Mining and Exploration

Earl Cox

Data Modeling Essentials, 3rd Edition

Graeme C. Simsion, Graham C. Witt

Developing High Quality Data Models

Matthew West

Location-Based Services

Jochen Schiller, Agnes Voisard

Managing Time in Relational Databases: How to Design, Update, and Query Temporal Data

Tom Johnston, Randall Weis

Database Modeling with Microsoft® Visio for Enterprise Architects

Terry Halpin, Ken Evans, Patrick Hallock, Bill Maclean

Designing Data-Intensive Web Applications

Stephano Ceri, Piero Fraternali, Aldo Bongio, Marco Brambilla, Sara Comai, Maristella Matera

Mining the Web: Discovering Knowledge from Hypertext Data

Soumen Chakrabarti

Advanced SQL: 1999—Understanding Object-Relational and Other Advanced Features

Jim Melton

Database Tuning: Principles, Experiments, and Troubleshooting Techniques

Dennis Shasha, Philippe Bonnet

SQL: 1999—Understanding Relational Language Components

Jim Melton, Alan R. Simon

Information Visualization in Data Mining and Knowledge Discovery

Edited by Usama Fayyad, Georges G. Grinstein, Andreas Wierse

Transactional Information Systems

Gerhard Weikum, Gottfried Vossen

Spatial Databases

Philippe Rigaux, Michel Scholl, and Agnes Voisard

Managing Reference Data in Enterprise Databases

Malcolm Chisholm

Understanding SQL and Java Together

Jim Melton, Andrew Eisenberg

Database: Principles, Programming, and Performance, 2nd Edition

Patrick and Elizabeth O'Neil

The Object Data Standard

Edited by R. G. G. Cattell, Douglas Barry

Data on the Web: From Relations to Semistructured Data and XML

Serge Abiteboul, Peter Buneman, Dan Suciu

Data Mining: Practical Machine Learning Tools and Techniques with Java Implementations, 3rd Edition

Ian Witten, Eibe Frank, Mark A. Hall

Joe Celko's Data and Databases: Concepts in Practice

Joe Celko

Developing Time-Oriented Database Applications in SQL

Richard T. Snodgrass

Web Farming for the Data Warehouse

Richard D. Hackathorn

Management of Heterogeneous and Autonomous Database Systems

Edited by Ahmed Elmagarmid, Marek Rusinkiewicz, Amit Sheth

Object-Relational DBMSs, 2nd Edition

Michael Stonebraker, Paul Brown, with Dorothy Moore

Universal Database Management: A Guide to Object/Relational Technology

Cynthia Maro Saracco

Readings in Database Systems, 3rd Edition

Edited by Michael Stonebraker, Joseph M. Hellerstein

Understanding SQL's Stored Procedures: A Complete Guide to SQL/PSM

Jim Melton

Principles of Multimedia Database Systems

V. S. Subrahmanian

Principles of Database Query Processing for Advanced Applications

Clement T. Yu, Weiyi Meng

Advanced Database Systems

Carlo Zaniolo, Stefano Ceri, Christos Faloutsos, Richard T. Snodgrass, V. S. Subrahmanian, Roberto Zicari

Principles of Transaction Processing, 2nd Edition

Philip A. Bernstein, Eric Newcomer

Using the New DB2: IBM's Object-Relational Database System

Don Chamberlin

Distributed Algorithms

Nancy A. Lynch

Active Database Systems: Triggers and Rules for Advanced Database Processing

Edited by Jennifer Widom, Stefano Ceri

Migrating Legacy Systems: Gateways, Interfaces, and the Incremental Approach

Michael L. Brodie, Michael Stonebraker

Atomic Transactions

Nancy Lynch, Michael Merritt, William Weihl, Alan Fekete

Query Processing for Advanced Database Systems

Edited by Johann Christoph Freytag, David Maier, Gottfried Vossen

Transaction Processing

Jim Gray, Andreas Reuter

Database Transaction Models for Advanced Applications

Edited by Ahmed K. Elmagarmid

A Guide to Developing Client/Server SQL Applications

Setrag Khoshafian, Arvola Chan, Anna Wong, Harry K. T. Wong

Data Mining Concepts and Techniques

Third Edition

Jiawei Han

University of Illinois at Urbana–Champaign

Micheline Kamber

Jian Pei

Simon Fraser University



ELSEVIER

AMSTERDAM • BOSTON • HEIDELBERG • LONDON
NEW YORK • OXFORD • PARIS • SAN DIEGO
SAN FRANCISCO • SINGAPORE • SYDNEY • TOKYO

Morgan Kaufmann is an imprint of Elsevier

