



# The Data Warehouse Toolkit: The Complete Guide to Dimensional Modeling

By *Ralph Kimball, Margy Ross*

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## **The Data Warehouse Toolkit: The Complete Guide to Dimensional Modeling** By Ralph Kimball, Margy Ross

The latest edition of the single most authoritative guide on dimensional modeling for data warehousing!

Dimensional modeling has become the most widely accepted approach for data warehouse design. Here is a complete library of dimensional modeling techniques-- the most comprehensive collection ever written. Greatly expanded to cover both basic and advanced techniques for optimizing data warehouse design, this second edition to Ralph Kimball's classic guide is more than sixty percent updated.

The authors begin with fundamental design recommendations and gradually progress step-by-step through increasingly complex scenarios. Clear-cut guidelines for designing dimensional models are illustrated using real-world data warehouse case studies drawn from a variety of business application areas and industries, including:

- \* Retail sales and e-commerce
- \* Inventory management
- \* Procurement
- \* Order management
- \* Customer relationship management (CRM)
- \* Human resources management
- \* Accounting
- \* Financial services
- \* Telecommunications and utilities
- \* Education

\* Transportation

\* Health care and insurance

By the end of the book, you will have mastered the full range of powerful techniques for designing dimensional databases that are easy to understand and provide fast query response. You will also learn how to create an architected framework that integrates the distributed data warehouse using standardized dimensions and facts.

This book is also available as part of the Kimball's Data Warehouse Toolkit Classics Box Set (ISBN: 9780470479575) with the following 3 books:

The Data Warehouse Toolkit, 2nd Edition (9780471200246)

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### Editorial Review

#### Review

"...this is the daddy of data warehousing process books. No other material available so concisely and precisely explains what is required from a data warehousing solution...this is a great book..." (*Enterprise Server Magazine*, July 2002)

#### From the Back Cover

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#### About the Author

RALPH KIMBALL, PhD, has been a leading visionary in the data warehouse industry since 1982 and is one of today's most well-known speakers, consultants, and teachers. He writes the "Data Warehouse Designer" column for *Intelligent Enterprise* magazine and is also the author of the bestselling books *The Data*

Warehouse Lifecycle Toolkit and The Data Webhouse Toolkit (both from Wiley).

MARGY ROSS is President of DecisionWorks Consulting and a Ralph Kimball Associate. She has focused exclusively on decision support and data warehousing since 1982. Margy coauthored the highly acclaimed The Data Warehouse Lifecycle Toolkit, consults on data warehouse projects worldwide, and teaches data warehouse design for Kimball University.

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