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The Data Warehouse Toolkit

Third Edition

The Definitive Guide
to Dimensional
Modeling

Ralph Kimball
Margy Ross



The Data Warehouse Toolkit Complete Guide To Dimensional Modeling Ralph Kimball

Ralph Kimball, Margy Ross



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The Data Warehouse Toolkit Ralph Kimball, Margy Ross, 2013-07-01 Updated new edition of Ralph Kimball's groundbreaking book on dimensional modeling for data warehousing and business intelligence. The first edition of Ralph Kimball's *The Data Warehouse Toolkit* introduced the industry to dimensional modeling and now his books are considered the most authoritative guides in this space. This new third edition is a complete library of updated dimensional modeling techniques, the most comprehensive collection ever. It covers new and enhanced star schema dimensional modeling patterns, adds two new chapters on ETL techniques, includes new and expanded business matrices for 12 case studies, and more. Authored by Ralph Kimball and Margy Ross, known worldwide as educators, consultants, and influential thought leaders in data warehousing and business intelligence. Begins with fundamental design recommendations and progresses through increasingly complex scenarios. Presents unique modeling techniques for business applications such as inventory management, procurement, invoicing, accounting, customer relationship management, big data analytics, and more. Draws real world case studies from a variety of industries including retail sales, financial services, telecommunications, education, health care, insurance, e-commerce, and more. Design dimensional databases that are easy to understand and provide fast query response with *The Data Warehouse Toolkit: The Definitive Guide to Dimensional Modeling 3rd Edition*.

The Data Warehouse Toolkit Ralph Kimball, Margy Ross, 2011-08-08 This old edition was published in 2002. The current and final edition of this book is *The Data Warehouse Toolkit: The Definitive Guide to Dimensional Modeling 3rd Edition*, which was published in 2013 under ISBN 9781118530801. 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.

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over 100 million hits a day the most popular commercial Websites have an excellent opportunity to collect valuable customer data that can help create better service and improve sales Companies can use this information to determine buying habits provide customers with recommendations on new products and much more Unfortunately many companies fail to take full advantage of this deluge of information because they lack the necessary resources to effectively analyze it In this groundbreaking guide data warehousing s bestselling author Ralph Kimball introduces readers to the Data Webhouse the marriage of the data warehouse and the Web If designed and deployed correctly the Webhouse can become the linchpin of the modern customer focused company providing competitive information essential to managers and strategic decision makers In this book Dr Kimball explains the key elements of the Webhouse and provides detailed guidelines for designing building and managing the Webhouse The results are a business better positioned to stay healthy and competitive In this book you ll learn methods for Tracking Website user actions Determining whether a customer is about to switch to a competitor Determining whether a particular Web ad is working Capturing data points about customer behavior Designing the Website to support Webhousing Building clickstream datamarts Designing the Webhouse user interface Managing and scaling the Webhouse The companion Website at www.wiley.com/compbooks/kimball provides updates on Webhouse technologies and techniques as well as links to related sites and resources *Quill & Quire*, 2002 *Proceedings of the ... Annual Software Engineering Workshop*, 2003

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