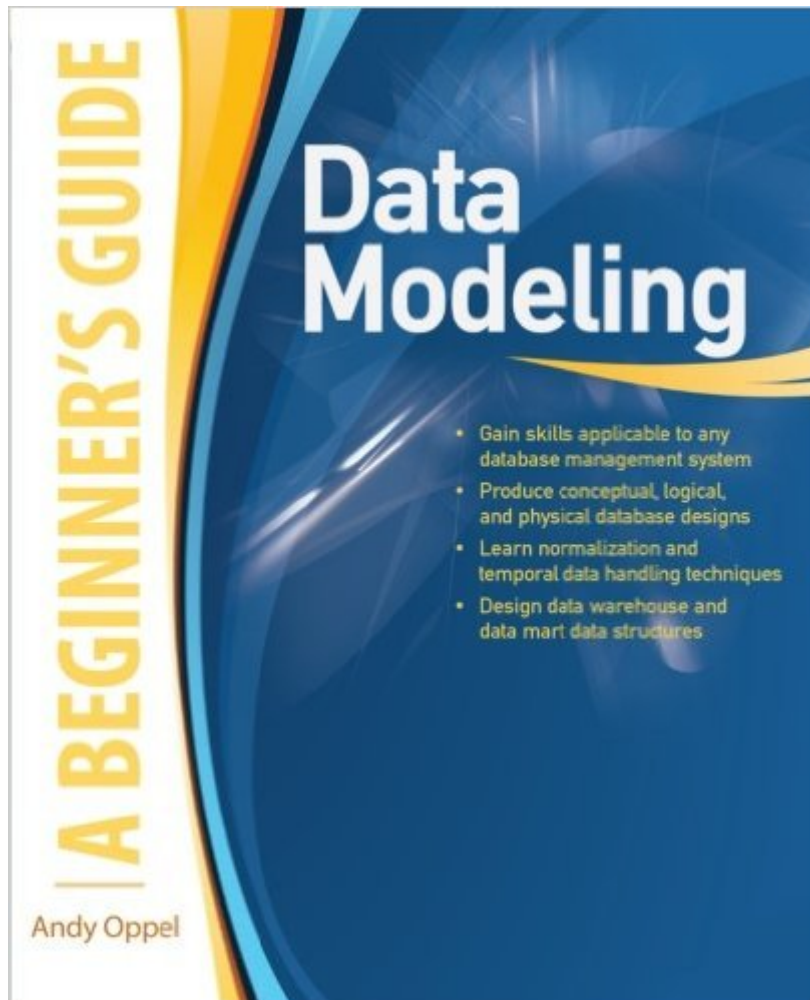# Data Modeling: A Beginner's Guide

Synopsis

Essential Skills--Made Easy! Learn how to create data models that allow complex data to be analyzed, manipulated, extracted, and reported upon accurately. Data Modeling: A Beginner's Guide teaches you techniques for gathering business requirements and using them to produce conceptual, logical, and physical database designs. You'll get details on Unified Modeling Language (UML), normalization, incorporating business rules, handling temporal data, and analytical database design. The methods presented in this fast-paced tutorial are applicable to any database management system, regardless of vendor. Designed for Easy Learning Key Skills & Concepts--Chapter-opening lists of specific skills covered in the chapter Ask the expert--Q&A sections filled with bonus information and helpful tips Try This--Hands-on exercises that show you how to apply your skills Notes--Extra information related to the topic being covered Self Tests--Chapter-ending quizzes to test your knowledge Andy Oppel has taught database technology for the University of California Extension for more than 25 years. He is the author of Databases Demystified, SQL Demystified, and Databases: A Beginner's Guide, and the co-author of SQL: A Beginner's Guide, Third Edition, and SQL: The Complete Reference, Third Edition.

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Customer Reviews

This book is perfect for beginner who wants to learn about data modeling in RDBMS. This book has good TOC and very easy to find what you want to read.Very useful tips like "Ask the Experts" section. Very easy to understand when a book comes with step-by-step section. Good examples to

show tables and data relationships.I am new to data modeling in RDBMS but after reading this, I can easily create a small test database with some test data and check out the examples from this book. At the end ...., I say hey..it works!!!

Years ago (20?!) I suffered through a database course (three times, no kidding) at the graduate level and never fully absorbed the data modeling concepts.This book has cured that. I get it. The examples are simple and concise and easy to follow. The concepts are well thought out and accessible to the willing.Currently I have to design systems that include database objects and I can already identify things I will need to improve based on the knowledge found within these pages.If you hang out anywhere near databases then reading Data Modeling, A Beginner's Guide will greatly improve your understanding of your environment.A good value that I am glad I own. I recommend it without reservation.So now let me get back to my data modeling tool to finish my Entity Relationship Diagram for my design, and use what I have learned to fix what I broke.

Data Analytics: Practical Data Analysis and Statistical Guide to Transform and Evolve Any Business. Leveraging the Power of Data Analytics, Data ... (Hacking Freedom and Data Driven) (Volume 2) Data Analytics: What Every Business Must Know About Big Data And Data Science (Data Analytics for Business, Predictive Analysis, Big Data) Analytics: Data Science, Data Analysis and Predictive Analytics for Business (Algorithms, Business Intelligence, Statistical Analysis, Decision Analysis, Business Analytics, Data Mining, Big Data) Professional Java Data: RDBMS, JDBC, SQLJ, OODBMS, JNDI, LDAP, Servlets, JSP, WAP, XML, EJBs, CMP2.0, JDO, Transactions, Performance, Scalability, Object and Data Modeling The Functional Approach to Data Management: Modeling, Analyzing and Integrating Heterogeneous Data The Data Model Resource Book, Vol. 3: Universal Patterns for Data Modeling (Volume 3) Data Modeling: A Beginner's Guide EXCEL: From Beginner to Expert - 2 Manuscripts + 2 BONUS BOOKS - Excel for Everyone, Data Analysis and Business Modeling (Functions and Formulas, Macros, MS Excel 2016, Shortcuts, Microsoft Office) Data Science and Big Data Analytics: Discovering, Analyzing, Visualizing and Presenting Data Data Science for Business: What You Need to Know about Data Mining and Data-Analytic Thinking Web Data Mining: Exploring Hyperlinks, Contents, and Usage Data (Data-Centric Systems and Applications) Swift: Programming, Master's Handbook; A TRUE Beginner's Guide! Problem Solving, Code, Data Science, Data Structures & Algorithms (Code like a PRO in ... engineering, r programming, iOS development) Ruby: Programming, Master's Handbook: A TRUE Beginner's Guide! Problem Solving, Code, Data Science, Data Structures & Algorithms

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