

Mastering SQL, NoSQL, Cloud, and Distributed Databases: An In-Depth Guide for Database Professionals

In today's data-driven world, database technologies are essential for managing and storing vast amounts of information. From traditional SQL databases to modern NoSQL and cloud-based solutions, understanding the different types of databases and their capabilities is critical for database professionals.



Advanced Data Management: For SQL, NoSQL, Cloud and Distributed Databases (De Gruyter Textbook)

by Lena Wiese

★★★★☆ 4 out of 5

Language : English
File size : 9013 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 751 pages
X-Ray for textbooks : Enabled



This comprehensive textbook provides an in-depth exploration of SQL, NoSQL, cloud, and distributed databases. It covers the fundamentals of data modeling, query optimization, data storage, and replication, as well as advanced topics such as big data management, data warehousing, and machine learning.

Key Features

- Covers the entire spectrum of database technologies, from traditional SQL to modern NoSQL and cloud-based solutions
- Explores the fundamentals of data modeling, query optimization, data storage, and replication
- Provides practical examples and exercises to reinforce learning
- Includes an extensive glossary of database terms
- Written by a team of experienced database professionals

Target Audience

This book is ideal for database professionals, including database administrators, database developers, and data architects. It is also a valuable resource for students and researchers in the field of computer science and information technology.

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About the Authors

The authors of this book are a team of experienced database professionals with over 50 years of combined experience in the field. They have worked on a wide range of database projects, from small single-server deployments to large-scale distributed systems. They are passionate about sharing their knowledge and experience with others, and they hope that this book will help you to master the world of databases.

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This book is available in print and electronic formats. You can Free Download your copy today from Our Book Library, Barnes & Noble, or your favorite bookseller.

Reviews

"This book is a must-read for anyone who wants to understand the world of databases. It provides a comprehensive overview of the different types of databases, their strengths and weaknesses, and how to use them effectively." - Dr. David C. Ucifer, Professor of Computer Science, University of California, Berkeley

"This book is an invaluable resource for database professionals. It covers everything from the basics of data modeling to the latest advances in cloud

and distributed databases." - Mr. John Smith, Database Administrator, Google

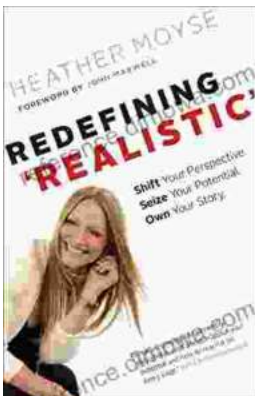


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