

SECOND EDITION

DATABASE SYSTEMS

THE COMPLETE BOOK

HECTOR GARCIA-MOLINA | JEFFREY D. ULLMAN | JONATHAN F. ZUMERCHIK



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Database Systems: The Complete Book Hector Garcia-Molina, Jeffrey D. Ullman, Jennifer Widom, 2013-08-29 For Database Systems and Database Design and Application courses offered at the junior senior and graduate levels in Computer Science departments Written by well known computer scientists this introduction to database systems offers a comprehensive approach focusing on database design database use and implementation of database applications and database management systems The first half of the book provides in depth coverage of databases from the point of view of the database designer user and application programmer It covers the latest database standards SQL 1999 SQL PSM SQL CLI JDBC ODL and XML with broader coverage of SQL than most other texts The second half of the book provides in depth coverage of databases from the point of view of the DBMS implementor It focuses on storage structures query processing and transaction management The book covers the main techniques in these areas with broader coverage of query optimisation than most other texts along with advanced topics including multidimensional and bitmap indexes distributed transactions and information integration techniques The full text downloaded to your computer With eBooks you can search for key concepts words and phrases make highlights and notes as you study share your notes with friends eBooks are downloaded to your computer and accessible either offline through the Bookshelf available as a free download available online and also via the iPad and Android apps Upon purchase you'll gain instant access to this eBook Time limit The eBooks products do not have an expiry date You will continue to access your digital ebook products whilst you have your Bookshelf installed

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Fundamentals of Database Systems

Ramez Elmasri,Sham Navathe,2007 This edition combines clear explanations of database theory and design with up to date coverage of models and real systems It features excellent examples and access to Addison Wesley s database Web site that includes further teaching tutorials and many useful student resources

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