



Database Systems: Models, Languages, Design and Application Programming (Sixth Edition)

By Ramez Elmasri, Shamkant B. Navathe

Pearson Education, 2013. Softcover. Condition: New. 5th or later edition. Clear explanations of theory and design, broad coverage of models and real systems, and an up-to-date introduction to modern database technologies result in a leading introduction to database systems. With fresh new problems and a new lab manual, students get more opportunities to practice the fundamentals of design and implementation. More real-world examples serve as engaging, practical illustrations of database concepts. The Fifth Edition maintains its coverage of the most popular database topics, including SQL, security, data mining, and contains a new chapter on web script programming for databases. CONTENTS: Chapter 1 Introduction to Databases Chapter 2 Overview of Database Languages and Architecture Chapter 3 The Basic (Flat) Relational Model Chapter 4 SQL:Data Definition, Constraints, and Basic Queries and Updates Chapter 5 SQL:Advanced Queries, Assertions, Triggers, and Views Chapter 6 Formal Relational Languages: The Algebra and Calculus Chapter 7 Conceptual Data Modeling Using Entities AND Relationships Chapter 8 Mapping a Conceptual Design into a Logical Design Chapter 9 UML for Database Application Design Chapter 10 Objects and Object Relational Databases: Concepts, Models, Languages, and Standards Chapter 11 XML: Concepts, Languages and Standards Chapter 12 SQL Application Programming Using C and Java Chapter 13 SQL web Programming Using C...



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