



## Database Processing: Fundamentals, Design, and Implementation, Eleventh Edition

By David J. Auer, David M. Kroenke

PHI Learning, 2010. Softcover. Book Condition: New. 5th or later edition. This substantially revised and updated edition of the book continues to offer a solid foundation in the fundamentals of database processing. It also gives an overview of the technologies in use. The organization and topic selection of this edition is designed to : Present an early introduction to SQL queries. Use a consistent, generic Information Engineering (IE) Crow`'s foot E-R diagram notation for data modeling and database design. Provide a detailed discussion of specific normal forms within discussion of normalization that focuses on pragmatic normalization techniques. Use current DBMS technology: Microsoft Access 2007, Microsoft SQL Server 2008, Oracle database 11g and MySQL 5.1. Discuss the dimensional database concepts used in database designs for data warehouses and Online Analytical Processing (OLAP). Provide an introduction to business intelligence (BI) systems. Apt descriptions and examples make it a complete resource book for the students of computer science, management, and IT. CONTENTS: Preface PART 1 GETTING STARTED Chapter 1 Introduction Chapter 2 Introduction to Structured Query Language PART 2 DATABASE DESIGN Chapter 3 The Relational Model and Normalization Chapter 4 Database Design Using Normalization Chapter 5 Data Modeling and the Entity-Relationship Model Chapter...



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