Book Review:

Modern Database Management
VI Edition
Jeffrey A. Hoffer, Mary B. Prescott, Fred R. McFadden
Prentice Hall, Upper Saddle River, NJ, 2002
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This book provides an excellent foundation for the principles of database and data management. It explains some of the more difficult concepts fairly well. The book is meant for an introductory course in database management which is usually required as part of a computer science departments.

The authors present a complete state of the art in the DB field, including:

- Database Development Process: defining the enterprise data modelling, business function, functional decomposition, etc.
- Entity Relationship Model: classical but very well presented.
- Logical DB design and Relational Model: the examples here are very interesting.
- Complete SQL coverage with many examples.
- Internet Database: the book explores the Internet database environment, including Web-based applications, scripting languages. Web security Examples from ASP and ColdFusion for a shopping cart application are highlighted in the text and on the Web site.
- Data Warehousing: an extensive update of data warehousing representing the explosive growth of this form of database.
- Concepts of data and Database Administration: introducing managing data security and recovery procedures. An overview of Database performance tuning is also introduced.
- Distributed Database and Data modelling and DB Development Object Oriented are presented.
- All along the chapters, the authors present and develop examples introducing the concepts in each one of them. This aspect is of an outmost interest, since it allows the reader to relate each idea with examples increasingly presented.

The book is highly recommended for undergraduate y graduates courses of Databases.

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