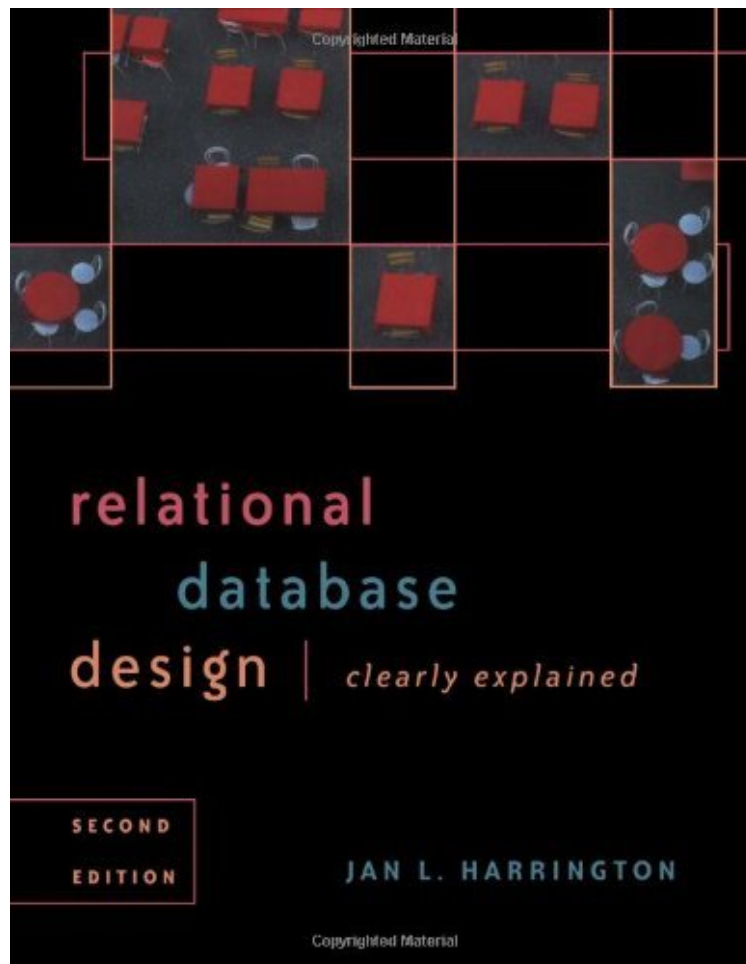


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Relational Database Design Clearly Explained (The Morgan Kaufmann Series in Data Management Systems)

Von Jan L. Harrington

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Von Jan L. Harrington : Relational Database Design Clearly Explained (The Morgan Kaufmann Series in Data Management Systems) before purchasing it in order to gage whether or not it would be worth my time, and all praised Relational Database Design Clearly Explained (The Morgan Kaufmann Series in Data Management Systems):

KundenrezensionenHilfreichste Kundenrezensionen1 von 1 Kunden fanden die folgende Rezension hilfreich. A great introduction to database design!Von Tom DenhamJan Harrington accomplishes her task neatly, to clearly explain relational database design. I was very pleased with how quickly I was able to grasp fundamental concepts and I would recommend this book to anyone getting started with databases. I had hoped that the book would be perfect and would clearly explain every relevant concept but that was not the case. When it came to the three interesting case studies that concluded the book, the author used concepts that were never explained - control-break layout, parent entities, ISAM

file organization, repeating groups, reblocking files. While not understanding these concepts did not stop me from grasping the fundamentals of database design it was frustrating and made clear that this is an introductory text and not the last book to read on the subject. There were also about a dozen typos but these were disconcerting rather than misleading. 1 von 1 Kunden fanden die folgende Rezension hilfreich. Great place to start learning databases Von Russell Belfer I've been programming for quite a while, but up until a couple of years ago, I had never done anything with databases. When I switched jobs and needed to learn, I asked a few friends where to begin. At the time they recommended "SQL For Dummies" and "Oracle8: The Complete Reference" -- starting with the first and then diving in to the second. This didn't work so well for me. SQL For Dummies is actually a reasonable review of constructing basic SQL statements, but it didn't provide me with any conceptual framework for thinking about databases. The complete Oracle8 reference book certainly seemed to have a lot of material in it, but it was a bit too daunting (1300 pages) for a tutorial. I learned the basics that I needed to learn and have gradually assimilated things since then. Recently I came across this book at and found that it had pretty good customer reviews, so I thought I'd check it out. It is excellent. This is the book I wish I had had from day one. The book begins by reviewing basic concepts of databases and database design, plus by going over the various documents and diagrams that typically go along with databases. Then it briefly reviews the SQL one would use to create databases. And it ends with three detailed database design examples. These examples are pretty substantial -- in each case I read the description and thought "this is too complex a database to cover here" but the author broke the problem in comprehensible pieces, drew entity-relationship diagrams, and worked through the design. I highly recommend this book to people just starting out with databases. You will probably need to follow it with something that teaches you more SQL, but that should follow, not precede, an introduction like this. 1 von 1 Kunden fanden die folgende Rezension hilfreich. Leave this one on the shelf! Von Ein Kunde In a book named "Clearly Explained" , you'd expect to have a minimum of confusion. That is not the case with this book. Page(25) for example: "Other many-to-many relationships include that between a child and her biological mother. A woman may have zero, one or more biological daughters; a daughter has only one biological daughter" Please correct me if I'm wrong but that does not describe a many-to-many relationship. There are other confusing examples in the book (pg 33 for example). I found myself reading sections over and over because the examples were not that clear. Coupled with the errors, I found this book to be less than helpful.

Kurzbeschreibung Fully revised and updated, Relational Database Design, Second Edition is the most lucid and effective introduction to relational database design available. Here, you'll find the conceptual and practical information you need to develop a design that ensures data accuracy and user satisfaction while optimizing performance, regardless of your experience level or choice of DBMS. Supporting the book's step-by-step instruction are three case studies illustrating the planning, analysis, and design steps involved in arriving at a sound design. These real-world examples include object-relational design techniques, which are addressed in greater detail in a new chapter devoted entirely to this timely subject. * Concepts you need to master to put the book's practical instruction to work. * Methods for tailoring your design to the environment in which the database will run and the uses to which it will be put. * Design approaches that ensure data accuracy and consistency. * Examples of how design can inhibit or boost database application performance. * Object-relational design techniques, benefits, and examples. * Instructions on how to choose and use a normalization technique. * Guidelines for understanding and applying Codd's rules. * Tools to implement a relational design using SQL. * Techniques for using CASE tools for database design. Kurzbeschreibung Fully revised and updated, Relational Database Design, Second Edition is the most lucid and effective introduction to relational database design available. Here, you'll find the conceptual and practical information you need to develop a design that ensures data accuracy and user satisfaction while optimizing performance, regardless of your experience level or choice of DBMS. Supporting the book's step-by-step instruction are three case studies illustrating the planning, analysis, and design steps involved in arriving at a sound design. These real-world examples include object-relational design techniques, which are addressed in greater detail in a new chapter devoted entirely to this timely subject. * Concepts you need to master to put the book's practical instruction to work. * Methods for tailoring your design to the environment in which the database will run and the uses to which it will be put. * Design approaches that ensure data accuracy and consistency. * Examples of how design can inhibit or boost database application performance. * Object-relational design techniques, benefits, and examples. * Instructions on how to choose and use a normalization technique. * Guidelines for understanding and applying Codd's rules. * Tools to implement a relational design using SQL. * Techniques for using CASE tools for database design. Synopsis This work teaches database practitioners the principles of good relational database design. It discusses tradeoffs between theory and practice, for example when it's alright to violate a principle of good design in order to improve performance. The book also shows readers how to construct the SQL statements needed to install well-designed relational databases, and discusses other performance related database design issues, such as indexes and clustering.