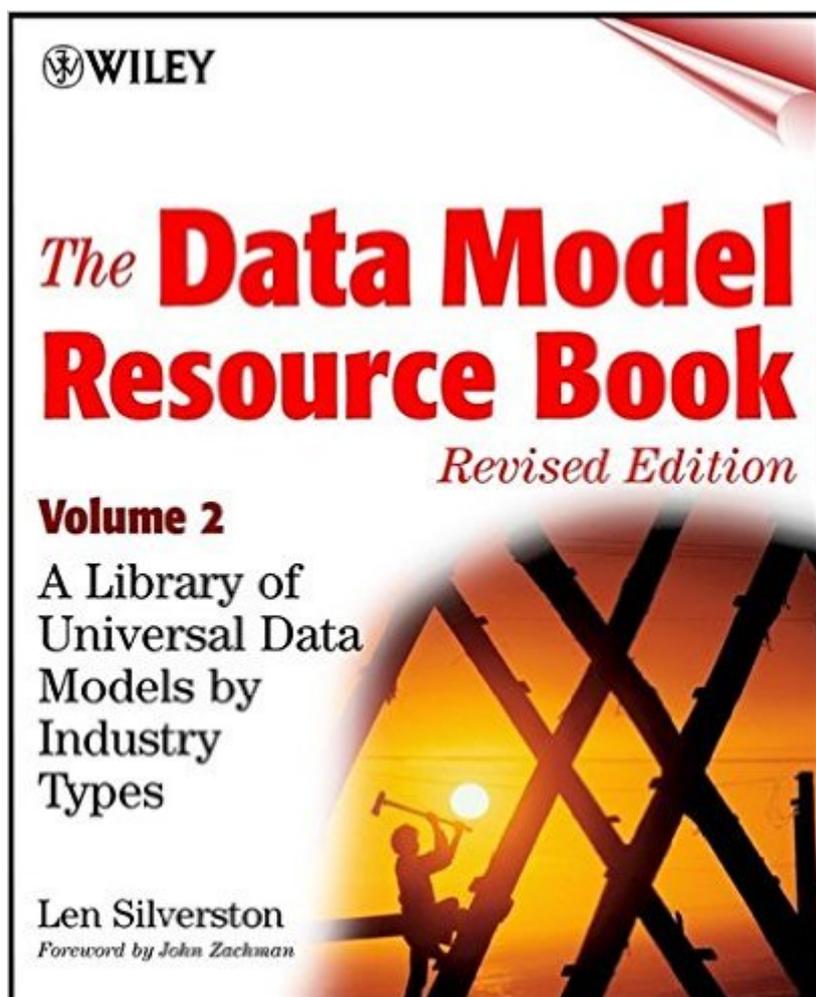# The Data Model Resource Book, Vol. 2: A Library Of Data Models For Specific Industries

Synopsis

A quick and reliable way to build proven databases for core business functions Industry experts raved about The Data Model Resource Book when it was first published in March 1997 because it provided a simple, cost-effective way to design databases for core business functions. Len Silverston has now revised and updated the hugely successful First Edition, while adding a companion volume to take care of more specific requirements of different businesses. Each volume is accompanied by a CD-ROM, which is sold separately. Each CD-ROM provides powerful design templates discussed in the books in a ready-to-use electronic format, allowing companies and individuals to develop the databases they need at a fraction of the cost and a third of the time it would take to build them from scratch. With each business function boasting its own directory, this CD-ROM provides a variety of data models for specific implementations in such areas as financial services, insurance, retail, healthcare, universities, and telecom.

Book Information

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Customer Reviews

What a [scheme]. I thought I was purchasing some templates - generic data models oriented for specific industries. This book is a teaser for the author's electronic products, which contain the real templates. This book has just enough information to lead you to believe the electronic product is plausable, but not enough to really use the data models discussed(without the expensive downloads). I expected a bunch of entities with the PK and FK attributes ready for customizing with my company specific attributes... NOT.

First the content: Contains everything that is not taught in graduate school (been there), and everything that a data modeller needs know about data modelling.Next the format: Consumerism at its worse! An incomplete template here, missing template there-a tease to lay out $400 for a complete set of templates (on top of the $100 plus for both volumes already laid out).The conclusion: invest in volume 1 and familiarize yourself with the valuable concepts layed out there-save your money and TIME with volume 2.

Yes, it is. Because the other chapters have all sorts of useful content as well. This book covers Manufacturing, Telecommunications, Health Care, Insurance, Financial Services, Professional Services, Travel, and e-Commerce. Most companies, even if they aren't in those sectors, use the services of companies that are (or may do a little bit of them - offer insurance on their products, for example), and if you need to include these areas in your model, in more detail than was covered in volume 1 (the core Universal Data Model book), then this is the place to start. If you are in one of these areas, then the specific chapter has a lot of useful stuff (I have worked in Travel, Telecommunications and Professional Services), but it is well worth checking out the other models for ideas that can be re-used in your area.

This book provides an extremely comprehensive and useful set of industry data models. They have been a tremendous value to us by allowing us to reference best-practice designs on our projects as well as being able to save a great deal of time by not having to re-invent the wheel for standard data modeling structures. The models are extremely well thought out and offer insight into both effective ways of modeling as well as pitfalls to be careful of. The author shows extensive knowledge and expertise in the various industries that are provided. We have used many of the models from the health care, insurance, professional services and e-commerce models to give us a kick-start on data modeling projects as well as to double check our designs and make sure we didn't overlook anything important and we did end up modifying and improving many of our data models based upon ideas from this book.The books offers an optional electronic download of the SQL for each industry for $400 but this is not at all necessary to benefit from the templates offered in the book because the book provides detailed data model constructs showing everything necessary to implement the models including primary and foreign key structures, attributes, relationship and attribute optionality, cardinalities of relationships, full explanations of the rationale behind each model, and even data examples for most of the models and attributes. We licensed the electronic

download also and it saved us some time instead of having to manually enter the models from the book, however, the book without the electronic downloads is complete in and of itself, and it is amazing that one can buy an extensive library of industry data models for the cost of this book!

My copy of both volume 1 and volume 2 have been referenced so many times that they are tattered and worn, but such a valuable resource on all my projects. Whenever I contemplate a design, I first look at this book and, more often than not, I get ideas and best practices on ways to model the construct. I have successfully re-used designs from both volume 1 and 2 and have applied models from both of these books towards the modeling of many industries including distribution, manufacturing, telecommunications, health care, financial services and professional services.I have found that the models provided are very relevant, re-usable, and of very high quality. They also provide all the details necessary to create physical database designs. They include entities, keys (primary and foreign), relationships (named), attributes, and the appendices include a complete listing and cross referencing of the entities and attributes, which entities are used in which diagrams (in volume 2), and domains that specify the data type and suggested lengths for each attribute. The book provides clear explanations as to why the models are modeled a certain way as well as includes data examples showing the specific instances of data that could be stored in these models.The data models offered are at what I would consider a mid level of abstraction. Therefore, they offer a good level of flexibility without being overly abstract. The author will use very useful abstractions such as a "party", "product", "agreement" and "work effort" (with many specific subtypes of these entities as they apply to the various industries) but he does not go overboard by including overly generic concepts like "item" "activity", or "thing" entities. What I really like is that the author will often show multiple ways of modeling the same construct and show the pros and cons of the different ways to model a construct. Sometimes specific data modeling constructs are shown and sometimes more abstract entity models are shown.Both the volume 1 common models and volume 2 industry models have not only saved me time by being able to re-use the constructs, but they have offered some perspectives that did not occur to me and have literally been a life saver to me on many a project. I could not ask for a better reference on data modeling templates and re-usable data modeling examples!

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Industries) The Data Model Resource Book, Vol. 3: Universal Patterns for Data Modeling (Volume 3) Data Analytics: What Every Business Must Know About Big Data And Data Science (Data Analytics for Business, Predictive Analysis, Big Data) Data Analytics: Practical Data Analysis and Statistical Guide to Transform and Evolve Any Business. Leveraging the Power of Data Analytics, Data ... (Hacking Freedom and Data Driven) (Volume 2) Sexy Seductive Lingerie & Boudoir Poses 1000 Positions Photographs: Fashion Models, Pin-Ups, Fashion Photographers, Figure Model, Artists & Art Models Insider Secrets From A Model Agent: How To Become A Successful Model (Modeling, Modelling, Model Agency) Analytics: Data Science, Data Analysis and Predictive Analytics for Business (Algorithms, Business Intelligence, Statistical Analysis, Decision Analysis, Business Analytics, Data Mining, Big Data) Microsoft Windows NT Server 4.0 Resource Kit Supplement 4 (It-Resource Kit) ACSM's Resource Manual for Guidelines for Exercise Testing and Prescription (Ascms Resource Manual for Guidlies for Exercise Testing and Prescription) The Whole Library Handbook 5: Current Data, Professional Advice, and Curiosa (Whole Library Handbook: Current Data, Professional Advice, & Curios) The Bigger Book of John Deere: The Complete Model-by-Model Encyclopedia Plus Classic Toys, Brochures, and Collectibles Art Models 7: Dynamic Figures for the Visual Arts (Art Models series) Art Models Ultra: Becca (Art Models series) Art Models 6: The Female Figure in Shadow and Light (Art Models series) America's Next Top Model: Fierce Guide to Life: The Ultimate Source of Beauty, Fashion, and Model Behavior Make This Model Doll's House (Usborne Cut-Out Models) Make This Model Village (Usborne Cut-Out Models) Make This Model Medieval Castle (Usborne Cut-Out Models)

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