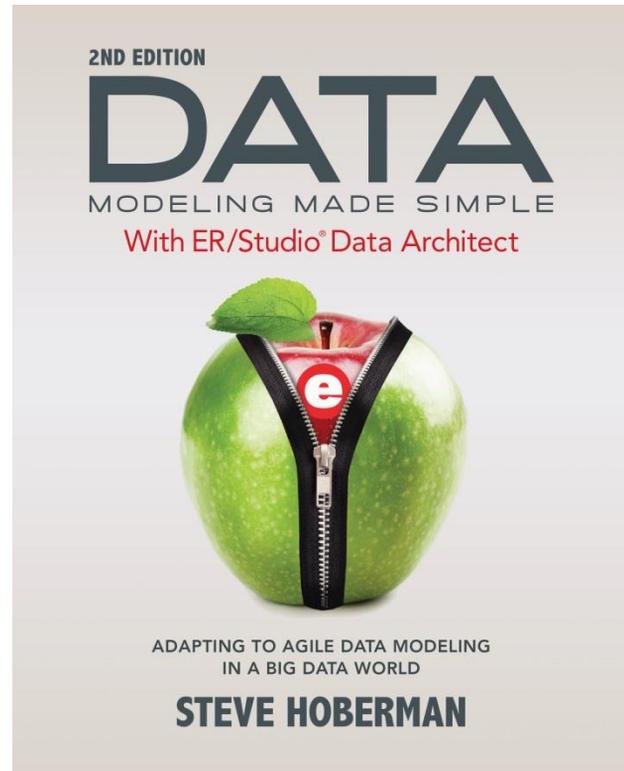# Data Modeling Made Simple with ER/Studio Data Architect 2ⁿᵈ Edition

Adapting to Agile Data Modeling in a Big Data World

Build a working knowledge of data modeling concepts and best practices, along with how to apply these principles with ER/Studio. This second edition includes numerous updates and new sections including an overview of ER/Studio's support for agile development, as well as a description of some of ER/Studio's newer features for NoSQL, such as MongoDB's containment structure. You will build many ER/Studio data models along the way, applying best practices to master these ten objectives:

1. Know why a data model is needed and which ER/Studio models are the most appropriate for each situation
2. Understand each component on the data model and how to represent and create them in ER/Studio
3. Know how to leverage ER/Studio's latest features including those assisting agile teams and forward and reverse engineering of NoSQL databases
4. Know how to apply all the foundational features of ER/Studio
5. Be able to build relational and dimensional conceptual, logical, and physical data models in ER/Studio
6. Be able to apply techniques such as indexing, transforms, and forward engineering to turn a logical data model into an efficient physical design
7. Improve data model quality and impact analysis results by leveraging ER/Studio's lineage functionality and compare/merge utility
8. Be able to apply ER/Studio's data dictionary features
9. Learn ways of sharing the data model through reporting and through exporting the model in a variety of formats
10. Leverage ER/Studio's naming functionality to improve naming consistency, including the new Automatic Naming Translation feature.

Steve Hoberman has trained more than 10,000 people in data modeling since 1992. Steve is known for his entertaining and interactive teaching style, and organizations around the globe have brought Steve in to teach his Data Modeling Master Class, which is recognized as the most comprehensive data modeling course in the industry. Steve is the author of nine books on data modeling, including the bestseller Data Modeling Made Simple. One of Steve's frequent data modeling consulting assignments is to review data models using his Data Model Scorecard® technique. He is the founder of the Design Challenges group, Conference Chair of the Data Modeling Zone conference, recipient of the 2012 Data Administration Management Association (DAMA) International Professional Achievement Award, and highest rated tutorial presenter at Enterprise Data World 2014 and Enterprise Data World 2015.