Data Modeling Master Class Training Manual 6th Edition
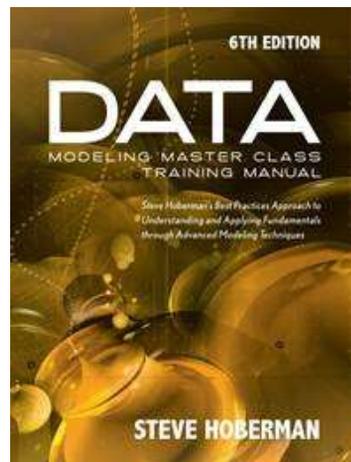## Steve Hoberman's Best Practices Approach to Developing a Competency in Data Modeling

This is the sixth edition of the training manual for the Data Modeling Master Class that Steve Hoberman teaches onsite and through public classes. This text can be purchased prior to attending the Master Class, the latest course schedule and detailed description can be found on Steve Hoberman's website, stevehoberman.com.

The Master Class is a complete data modeling course, containing three days of practical techniques for producing conceptual, logical, and physical relational and dimensional and NoSQL data models. After learning the styles and steps in capturing and modeling requirements, you will apply a best practices approach to building and validating data models through the Data Model Scorecard®. You will know not just how to build a data model, but how to build a data model well. Two case studies and many exercises reinforce the material and will enable you to apply these techniques in your current projects.

Top 10 Objectives

1. Explain data modeling components and identify them on your projects by following a question-driven approach
2. Demonstrate reading a data model of any size and complexity with the same confidence as reading a book
3. Validate any data model with key "settings" (scope, abstraction, timeframe, function, and format) as well as through the Data Model Scorecard®
4. Apply requirements elicitation techniques including interviewing, artifact analysis, prototyping, and job shadowing
5. Build relational and dimensional conceptual and logical data models, and know the tradeoffs on the physical side for both RDBMS and NoSQL solutions
6. Practice finding structural soundness issues and standards violations
7. Recognize when to use abstraction and where patterns and industry data models can give us a great head start
8. Use a series of templates for capturing and validating requirements, and for data profiling
9. Evaluate definitions for clarity, completeness, and correctness
10. Leverage the Data Vault and enterprise data model for a successful enterprise architecture.

Steve Hoberman taught his first data modeling class in 1992 and has educated more than 10,000 people about data modeling and business intelligence techniques since then, spanning every continent except Africa and Antarctica. Steve is the author of over ten books on data modeling, including the bestseller Data Modeling Made Simple. He is the founder of the Design Challenges group, inventor of the Data Model Scorecard®, Conference Chair of the Data Modeling Zone conference, recipient of the 2012 Data Administration Management Association (DAMA) International Professional Achievement Award, and highest rated workshop presenter at Enterprise Data World 2014 and 2015.