

**10TH EDITION**

# DATA

MODELING MASTER CLASS  
TRAINING MANUAL

*Steve Hoberman's Best Practices Approach to  
Understanding and Applying Fundamentals  
through Advanced Modeling Techniques*

**STEVE HOBERMAN**

# Data Modeling Master Class Training Manual

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## **Data Modeling Master Class Training Manual:**

Data Modeling Master Class Training Manual Steve Hoberman,2015-07 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](http://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 *Data Modeling Master Class Training Manual* Steve Hoberman,2008-10 This is 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 see Steve Hoberman s website [www.stevhoberman.com](http://www.stevhoberman.com) for more *Data Modeling Master Class Training Manual* Steve Hoberman,2019-05-14 This is the eighth 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](http://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 R You will know not just how to build a data model but how to build a data model well Three case studies and many exercises reinforce the material and will enable you to apply these techniques in your current projects Top 5 Objectives Determine how and when to use each data modeling component Apply techniques to elicit data requirements as a

prerequisite to building a data model Build relational and dimensional conceptual logical and physical data models  
Incorporate supportability and extensibility features into the data model Assess the quality of a data model

**Data Modeling Master Class Training Manual 7th Edition** Steve Hoberman,2017-06 This is the seventh 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](http://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 R 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 R
- 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

**Data Modeling Master Class Training Manual 9th Edition** Steve Hoberman,2021 This is the ninth 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](http://stevehoberman.com)

[Data Modeling Master Class Training Manual 5th Edition](#) Steve Hoberman,2014 This is the fifth 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](http://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

**Data Modeling Master Class Training Manual 2nd Edition** Steve Hoberman, 2011 A training manual for the Data Modelling Master Class It includes a course on requirements gathering and data modelling containing four days of practical techniques for producing solid relational and dimensional data models

**DAMA-DMBOK: Guía Del Conocimiento Para La Gestión De Datos (Spanish Edition)** DAMA International, La Guía del Conocimiento para la Gestión de Datos DAMA DMBOK2 presenta una visión exhaustiva de los desafíos complejidades y valor de la gestión eficaz de los datos Las organizaciones de hoy en día reconocen que la gestión de los datos es fundamental para su éxito Reconocen que los datos tienen valor y quieren aprovechar ese valor A medida que nuestra capacidad y deseo de crear y explotar datos ha aumentado también lo ha hecho la necesidad de prácticas de gestión de datos confiables La segunda edición de la Guía del Conocimiento para la Gestión de Datos de DAMA International actualiza y aumenta el exitoso DMBOK1 DMBOK2 un libro de referencia accesible y autorizado escrito por los principales pensadores en el campo y ampliamente revisado por los miembros de DAMA reúne materiales que describen exhaustivamente los desafíos de la gestión de datos y cómo cumplirlos mediante Definir un conjunto de principios rectores para la gestión de datos y describir cómo se pueden aplicar estos principios dentro de las áreas funcionales de gestión de datos Proporcionar un marco de referencia funcional para la implementación de prácticas de gestión de datos empresariales incluyendo prácticas métodos y técnicas ampliamente adoptadas funciones roles entregables y métricas Establecer un vocabulario común para los conceptos de gestión de datos y servir de base para las mejores prácticas para los profesionales de la gestión de datos DAMA DMBOK2 proporciona a los profesionales de la gestión de datos y de TI a ejecutivos trabajadores del conocimiento educadores e investigadores un marco para gestionar sus datos y madurar su infraestructura de información basado en estos principios Los datos son un activo con propiedades únicas El valor de los datos puede y debe expresarse en términos económicos Gestionar los datos significa gestionar la calidad de los datos Se necesitan metadatos para gestionar los datos Se necesita planificación para gestionar los datos La gestión de datos es multifuncional y requiere una amplia gama de habilidades y experiencia La gestión de datos requiere una perspectiva empresarial La gestión de datos debe tener en cuenta una serie de perspectivas La gestión de datos es la gestión del ciclo de vida de los datos Los diferentes tipos de datos tienen diferentes requerimientos de ciclo de vida La gestión de datos incluye la gestión de los riesgos asociados a los datos Los requerimientos de gestión de datos deben impulsar las decisiones sobre tecnología de la información Una gestión eficaz de los datos requiere un compromiso de liderazgo Los capítulos incluyen Gestión de Datos Manejo técnico de los Datos Gobierno de Datos Arquitectura de Datos Modelado y Diseño de Datos Almacenamiento de Datos y Operaciones Seguridad de Datos Integración de Datos e Interoperabilidad Gestión de Documentos y Contenidos Datos Maestros y de Referencia Data Warehousing e Inteligencia de Negocios Gestión de Metadatos Calidad de Datos Big Data y Ciencia de Datos Evaluación de la Madurez de la Gestión de Datos Organización de la Gestión de Datos y Expectativas Roles Gestión de Datos y Gestión del

Cambio Organizational La estandarizaci n de las disciplinas de gesti n de datos ayudar a los profesionales de la gesti n de datos a desempe arse de forma m s eficaz y consistente Tambi n permitir a los l deres de la organizaci n reconocer el valor y las contribuciones de las actividades de gesti n de datos

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Коллектив авторов,2020-11-16 DAMA DMBOK

*The Rosedata Stone Italian Version: Raggiungere un Linguaggio Comune di Business utilizzando il Business Terms Model* Steve Hoberman, Creare un diagramma preciso dei termini di business all interno dei progetti uno strumento di comunicazione semplice ma potente per i project manager i professionisti di data governance e i business analyst Come la Stele di Rosetta ha fornito uno strumento di comunicazione tra diversi linguaggi cos la Rosedata Stone fornisce uno strumento di comunicazione tra I diversi linguaggi di business La Rosedata Stone chiamata Business Terms Model BTM o Conceptual Data Model mostra un linguaggio di business comune per una particolare iniziativa di business Con sempre pi dati creati e utilizzati combinati con un intensa concorrenza normative severe e social media a rapida diffusione la posta in gioco a livello economico di responsabilit e di credibilit non mai stata cos alta e quindi la necessit di un Linguaggio di Business Comune non mai stata cos grande Percorrendo i cinque capitoli del libro potrai apprezzare la Potenza del BTM e potrai seguire i passaggi pratici per costruirlo

- 1 Sfide Scoprirai che un Linguaggio di Business Comune oggi ancora pi importante in presenza di tecnologie come Cloud e NoSQL e normative come il GDPR
- 2 Requisiti Comprenderai come identificare l ambito di azione e pianificare visualizzazioni precise e minimali che possano racchiudere il Linguaggio Comune di Business
- 3 Soluzione Sarai introdotto al BTM e ai suoi componenti insieme alle differenze che caratterizzano i BTM relazionali e dimensionali Scoprirai come diversi strumenti di modellazione dati visualizzano BTM inclusi CaseTalk ER Studio erwin DM e Hackolade
- 4 Costruzione Potrai creare BTM operativi relazionali e analitici dimensionali per una catena di prodotti da forno
- 5 Pratica Potrai rafforzare i concetti di BTM e creare BTM per due delle tue proprie iniziative grazie a un esempio reale

Data Modeling Fundamentals Steve Hoberman,2018 The Data Modeling 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 This video contains a majority of the content from the first module in this course For more on the Data Modeling Master Class please visit SteveHoberman.com This video provides an introduction into the field of data modeling by defining data model concepts and terms along with why the data modeling process is so important and warnings of pitfalls to avoid Shortly after the video starts you will complete a very important exercise illustrating the four important gaps filled by data models Next we will explain data modeling concepts and terminology including entities attributes relationships candidate keys and subtypes and provide you with a set of questions you can ask to quickly and precisely build a data model Demonstrate reading a data model of any size and complexity with the same confidence as reading a book We will complete several exercises including one on creating a data model based upon an existing set of data Resource description page

Ace the IT Interview Paula Moreira,2008-01-01 Proven strategies

for getting hired as an IT professional This practical guide for developing winning interviewing skills has been fully updated and revised to focus on today s most sought after IT jobs Go behind the scenes of the IT interview process and get inside the mind of potential employers You ll find out how to make a great first impression and stand out from the competition Ace the IT Interview features hundreds of questions that are likely to come up on your next technical interview along with key points to include in your answers so you can practice your responses based on your strengths and experience Present yourself as a truly valuable IT professional and get a great job with help from this real world guide Understand the hiring manager s perspective Create a first rate resume that highlights your skills Get past gatekeepers and get the interviews you want Make a great first impression and stand out in the crowd Master sticky questions about your work history Prepare for different types of interview settings including telephone and video conference interviews Ask intelligent relevant questions Ace the interview follow up Evaluate your offers negotiate salary and close the deal

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