

erwin[®] Data Modeler Online Training

TRAINING DESCRIPTION

The gold standard in data modeling, erwin Data Modeler by Quest discovers, designs, visualizes, standardizes and deploys high-quality data assets through an intuitive, graphical interface. With a data model as a roadmap for data infrastructure, it provides a centralized view of all data and its sources based on a common repository. This comprehensive online curriculum ensures your data architecture team is trained in using erwin Data Modeler for maximum value.

SOLUTIONS COVERED

erwin Data Modeler 2020 R1 Standard Edition, erwin Data Modeler 2020 R1 Workgroup Edition and erwin Web Portal 2020

KEY BENEFITS

- Available 24 x 7 x 365 through an online learning management system
- Demo-based, including all the features and function of the latest software release
- Modular design for easy navigation and use
- Level sets both new and veteran data modelers
- Helps determine where additional custom training or services may be needed

APPROACH

Each course is self-paced and delivered via the erwin Online Learning Management Platform with an interactive table of contents that enables users to easily navigate throughout the modules.

erwin Data Modeler Standard Edition Courses

- Introduction to erwin Data Modeler 2020 R1
- Introduction to erwin Data Modeler
- Building Your First erwin Data Model
- Refining Your erwin Data Model
- Basic Modeling Techniques
- Advanced Modeling Techniques I
- Advanced Modeling Techniques II

erwin Data Modeler Workgroup Edition

- Introduction to erwin Data Modeler 2020 R1
- Introduction to erwin Data Modeler
- Building Your First erwin Data Model
- Refining Your erwin Data Model
- Basic Modeling Techniques
- Advanced Modeling Techniques I
- Advanced Modeling Techniques II
- Workgroup Modeling – End User
- Workgroup Modeling – Admin User

erwin Web Portal Courses

- erwin Web Portal 2020 – End User
- erwin Web Portal 2020 – Admin User

Following are the erwin Data Modeler online course descriptions.

Introduction to erwin Data Modeler 2020 R1

This course supplements the existing erwin Data Modeler online training courses. It explores the software's latest release, with an emphasis on the new user interface as well as the new scheduler for reverse-engineering jobs. Several productivity and miscellaneous enhancements also are discussed.

- New user interface
- Productivity enhancements
 - Query tool
 - Retain migrated keys
 - Compete Compare speed improvements
 - Supertype/subtype transformations
 - Mart model object counts
- RE Scheduler
- Miscellaneous enhancements
 - Security improvements
 - Licensing update
 - Mart performance
 - Database support

Introduction to erwin Data Modeler

This course introduces the rich functionality and user interface (UI) of erwin Data Modeler. Key topics include:

- Exploring the UI
- How to access basic tool functions
- Understanding the difference between a model, subject area and diagram
- Exploring themes
- Creating and saving erwin data models
- On-screen editing of entities/tables, attributes/columns, relationships and views

Building Your First erwin Data Model

This course explores erwin Data Modeler's editing functions, including the guided editors that provide detailed and powerful ways to facilitate model creation and updates. A review of the Help Menu shows users how to use online help resources and how to engage support. Key topics include:

- Entity/Table Editor
- Attribute/Column Editor
- Relationship Editor
- Theme Editor
- Subject Area Editor
- Diagram Editor
- View Editor
- Help Menu

Refining Your erwin Data Model

This course focuses on enhancing the visual design of diagrams to increase viewer understanding. The model lifecycle and additional information on navigation and tips to speed model development are discussed. Key topics include:

- Navigation
- Annotation and Drawing Objects
- Alignment and Layout
- Fonts and Colors
- Display Levels
- Notes and Notes Extended
- Tools Menu

Basic Modeling Techniques

This course covers the most-used functions within erwin Data Modeler, beyond the fundamental construction of a data model. Users will learn how to standardize, maintain, provide governance, report and accomplish their work more efficiently and consistently. Key topics include:

- Model Explorer
- Undo, Redo, Reverse
- Domains
- Validation Rules and Constraints
- Default Values and Constraints
- User Defined Properties
- Transformations
- Report Designer Basics

Advanced Modeling Techniques I

This course explores erwin Data Modeler's advanced capabilities, including design-layer model architecture to match data models to the modeling process, Bulk Editor and Metadata Bridges that automate much of model creation, and naming standards. These functions allow users to standardize, maintain, report, provide governance, and accomplish their work more efficiently and consistently. Key topics include:

- Bulk Editor
- Referential Integrity
- Metadata Bridges
- Design Layers
- Naming Standards
- Name Hardening
- Model Templates
- Find and Replace

Advanced Modeling Techniques II

This course covers additional advanced capabilities of erwin Data Modeler, including forward- and reverse-engineering, generating schema from diagrams, creating models from existing database sources, and the use of templates. Complete Compare, a valuable feature that helps determine and resolve differences in models, is also discussed. Key topics include:

- Forward-Engineering
- Reverse-Engineering
- Complete Compare
- Model Scripts
- Triggers

Workgroup Modeling - End User

This course addresses the general use of the Mart in the erwin Data Modeler Workgroup Edition. Attendees will learn the necessary controls to coordinate multiple users updating the same models. Key topics include:

- Mart Architecture and Benefits
- Multi-User Check In/Out
- Model Locking
- Version Control
- Resolving Conflicts

Workgroup Modeling - Admin User

This course addresses administrative use of the Mart in erwin Data Modeler Workgroup Edition. Attendees will learn the administration functions to create and maintain the erwin Mart. Key topics include:

- Mart Server
- Libraries
- Users and Permissions
- Locks and Sessions
- Version Control/Management
- Change Control
- Merge
- Cross Mart Reporting/TLX

erwin Web Portal 2020 - End User

This course covers erwin Web Portals end-user functionality. Metadata Explorer serves as a simplified end-user interface, providing access to some or all of the detailed metadata within erwin data models. Key topics include:

- Metadata Explorer Overview
- Worksheets, Collections and Comments
- Search and Browse Capabilities
- Tracing Data Lineage
- Display Level Options

erwin Web Portal 2020 - Admin User

This course pertains to administrative use of the solution. In this release, the Metadata Manager interface has been replaced by a Manage drop-down menu for more streamlined management, with the Harvest then Publish paradigms no longer in use. The steps to configure erwin Web Portal, set up users, and import erwin data models are covered, along with such advanced topics as leveraging information in design layer architecture and source-to-target mapping in more complex erwin data models. Key topics include:

- Manager Tab
- Importing Models
- Upgrading with Existing Models
- Complex Models
- Administration Tasks

For more information, please visit www.erwin.com.

erwin by Quest is a leader in enterprise modeling and data intelligence software. The erwin EDGE platform creates an enterprise data governance experience for IT and business collaboration, driving meaningful insights, agile innovation, risk management and business transformation. Integrated data modeling, data governance, enterprise architecture and business process modeling capabilities help guide smart decisions. With erwin, organizations of all types across the globe can maximize the security, quality and value of their assets to control data chaos and prepare for the next IT challenge.