

## erwin Prepaid Data Modeler Training (T&E Separate)

### Overview

The erwin Data Modeler (DM) Training service is a prepackaged bundle of workshops designed to facilitate foundational training sessions covering the erwin Data Modeler Suite components and familiarize Customer staff with product capabilities and core terminology.

The **Training** package assists with the following stages:

- Discover: Collect and verify workshop prerequisites & targeted teams / attendees
- Design: Definition / Modification to delivery schedule, venue, and agendas
- Knowledge Transfer: Delivery of foundational training workshops covering the purchased product components

The erwin Professional Services Consultants ensure enablement of Customer users and selected stakeholders on the erwin DM Suite components and related functionality, and ensure sufficient initial knowledge transfer to allow the immediate utilization of the erwin Data Modeler capabilities. The erwin consultants will also work closely with Customer IT and business teams to properly plan the training environment and settings prior to solution deployment. By leveraging Quest methodologies and expert guidance through the entire implementation processes, the end user teams will rapidly gain knowledge and start utilizing the erwin Data Modeling solution to the full capacity.

### Benefits

The main benefits of using the **erwin DM Training package** service are:

- Ensure your teams have a foundational understanding of product functionality and terminology
- Save valuable resource time by scoping each session to individual roles and responsibilities
- Provides a venue for questions and answers prior to deep diving into project utilization
- Session Recordings for extended learning

### Activities Description

An erwin Services consultant will work with the necessary Customer stakeholders and subject matter experts to schedule, execute and document erwin DM Knowledge Transfer workshops. The activities performed may vary based on the complexity of Customer's environment and technical needs.

### Discovery Phase

erwin Services Consultant(s) will host one workshop with Customer to review knowledge transfer session prerequisites, identify targeted audiences, and Customer readiness:

- Introduction, Roles & Responsibilities, Communication
- Purchased Modules
- Workshop Requirements & Recommendations
- Attendee Roles and Responsibilities

- Desired delivery tempo and schedule

### Design Phase

erwin Services Consultant(s) will host one workshop with the Customer team to document the planned workshop attendees, structure, and delivery timing:

- Review predefined session agendas
- Align targeted attendees to sessions
- Define delivery method
- Review Resource availability

### Knowledge Transfer Phase

erwin Services Consultant(s) will host multiple product module-based workshops with the required end-users based on pre-defined topics: See Appendix A below.

## Conditions and Limitations

### Conditions

Customer must already have the latest generally available version of erwin Data Modeler and Workgroup Edition installed in accordance with applicable documentation prior to performance of this Training package.

### Prerequisites and Assumptions

erwin Professional Services will provide a prerequisites document two weeks before the engagement. This details various customer dependencies. This must be reviewed, completed, and communicated back with erwin. Failure to complete these prerequisites and any prerequisites, conditions, limitations, or assumptions listed herein will result in delays which may mean the above deliverables cannot be met. erwin is not responsible for any delay in schedule or milestone delivery that may result from the assumptions below not being met.

- Scope of training services is on workshop per purchased DM Modules.
- Workshop attendees' size is not to exceed the number of licenses purchased
- All service activity sessions are to be completed within a two (2) business week period and not to exceed a total of 32 hours of erwin level of effort.
- Services do not include Travel & Expenses. Travel & Expenses will have an additional cost if incurred solely due to a request by the Customer and will be invoiced at cost. All travel must be preplanned through project management.
- Customer will ensure end users have the appropriate access to the deployed DM Suite environment
- Customer will ensure relevant business and technical resources are identified and available to participate in defined phases, answer questions, and complete planning and design phases as scheduled or needed.
- Customer is responsible for the scheduling and attendance of workshop participants.

## SKU

To enroll your company in this class, please visit [erwin Data Modeler | Contact Sales](#)

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# Appendices

## Appendix A – erwin DM Suite Training Modules

### Erwin Data Modeler

#### Data Modeling Review

- What is data modeling? (Logical vs. Physical)
- Introduction to erwin – product overview
- Data modeling notations
- Entities and Attributes
- Keys (Primary, Foreign, Candidate, Alternate/Inversion Entry)
- Relationships (Identifying vs. Non-Identifying / Many-to-Many)

#### Building the Logical Data Model

- Building and Editing
  - Entities, Attributes and Keys
  - Relationships

#### Presentation of the Model

- Subject Areas and Diagrams
- Themes (font, color, highlights, etc....)

#### Applying Standards

- Domains
- Validation Rules
- Naming Standards
- Data Type Standards
- User-Defined Properties
- Templates

#### Refining the Logical Model

- Relationships
- Rolenames
- Many-to-Many resolution
- Unification
- Recursive Relationships
- Super-Types and Sub-Types

#### The Physical Data Model

- Derive a Physical Model
- Logical and Physical Only objects
- Validation Rules
- Default Values
- Indexes

#### Transforms

- Super-Type/Sub-Type Roll Up and Roll Down
  - Denormalization
    - Horizontal Partition

- Vertical Partition
- Column Linking

## **RI Triggers, Stored Procedures, Scripts**

## **Volumetrics**

## **Database Views**

- Model Database views
- Modify a view

## **Data Warehousing Introduction**

- Dimensional Modeling
- Data Movement
- Source-to-Target Mapping

## **Forward / Reverse Engineering**

- Reverse Engineer a Database into erwin
- Forward Engineer an erwin model to a Database

## **Complete Compare**

- Compare and synchronize models, databases, and/or DDL

## **Design Layer Architecture**

- Managing Multiple Models
- Adding Multiple Model Sources
- Deriving Models
- Syncing with Model Source
- Split Logical/Physical Models

## **Bulk Editor**

- Search model objects and properties
- Edit and update in mass

## **General Mart Concepts**

- Incorporating the Mart into your Modeling Life Cycle
  - Check In/Out
  - Managing Conflicts
  - Managing Versions
  - Refreshing a Model

## **Promoting standards and reuse**

- Managing Standards
- Templates and Source Models

## **Reporting**

- Mart and cross-model reports
  - Diagrams
  - Report Designer