

Skills 101: erwin

erwin DM 15.x *What's new!*

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The Quest logo, featuring a stylized blue arrow pointing right, followed by the word "Quest" in a bold, dark blue sans-serif font.





Today's Topics

Highlights of erwin DM 15.x We have been on an enhanced development cycle and erwin DM r 15.0 was rapidly followed by r 15.1 and r 15.2. During this session, we will provide all relevant documentation and demonstrate some of the new features that are resonating with our customers.

- Conceptual Modeling
 - UI Enhancements
 - Data Modeler Enhancements - DBT
 - ER360 Enhancements - Worksheets
 - New AI Features
-



erwin DM 15.x New Features and Enhancements

15.0 New Features

[Orchestration Integration with Jira](#)

[OpenAPI Specification Models](#)

[erwin DM-erwin DI Logical Names Mapping](#)

[DBT Integration](#)

Enhancements

[Snowflake Enhancements](#)

[JSON Enhancements](#)

[Google BigQuery Enhancements](#)

[PostgreSQL Enhancements](#)

[Productivity and UI Enhancements](#)

[erwin Mart Portal](#)

[erwin ER360](#)

[Third Party Tools](#)

15.1 New Features

[AI-Powered Data Modeling](#)

[MS Fabric Lakehouse Support](#)

[Reusing Entities as Shortcuts](#)

[DM Connect for DI - Sync Business Glossary](#)

Enhancements

[Database Support Updates](#)

[Data Sources for NoSQL Database Models](#)

[Tree View in Bulk Editor](#)

[MS Fabric Warehouse Update](#)

[erwin Mart Portal Enhancements](#)

[erwin ER360 Enhancements](#)

[Third Party Tools](#)

15.2 New Features

[Conceptual Modeling](#)

[Neo4j Edge Mapping](#)

[AI-Powered DDL Script Validation](#)

[REST API Report and Access Token](#)

Enhancements

[Database Support Updates](#)

[AI-Powered Model Creation](#)

[erwin Mart Portal Enhancements](#)

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15.1 New Features

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15.2 New Features

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Enhancements

[Database Support Updates](#)

[AI-Powered Model Creation](#)

[erwin Mart Portal Enhancements](#)

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erwin DM Conceptual Modeling



Model Explorer



Model Subject Area

Model Explorer Project Explorer

Properties



Model Explorer



Model Subject Area

Model Explorer Project Explorer

Properties



Model Explorer



Model Subject Area

Model Explorer Project Explorer

New Model [Close]

Type

Conceptual Logical Physical Logical/Physical Match template

Target Server

Match template target server

Database: [Dropdown] Version: [Dropdown]

Predefined List: [Dropdown]

Template

[Dropdown: <Default>] [Icons]

Preserve the template binding

AI data model [Icon]

[Text Area]

[AI Execute]

[OK] [Cancel]



Model Explorer



Model Subject Area

Model Explorer Project Explorer

New Model

Type

Conceptual Logical Physical Logical/Physical Match template

Target Server

Match template target server

Database: Version:

Predefined List:

Template

<Default>

Preserve the template binding

AI data model

AI Execute

OK Cancel

Model Templates Entity Identifying Non-Identifying Many-to-Many Annotation

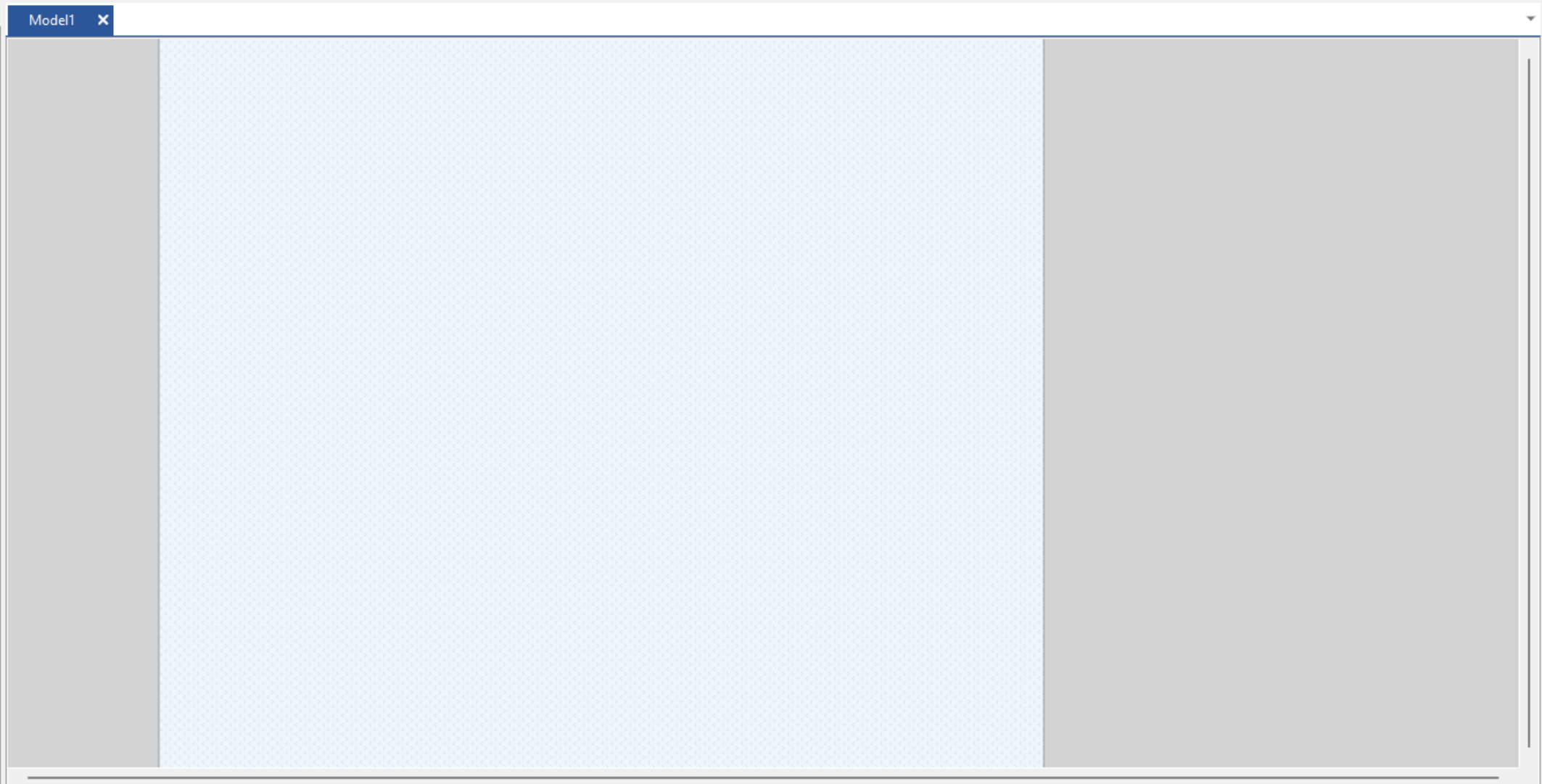
Toolbox Drawing Clipboard Editing Data Vault 2.0

Cut Copy Copy Family Paste as Shortcut Paste Copy Neighborhood Delete Select Go To... Find Replace Hub Link Reference Bridge Satellite

Model Explorer Model1 Conceptual

Model Explorer

- Model_1
 - Annotations
 - Entities
 - ER Diagrams
 - Relationships
 - Subject Areas
 - Themes



Properties

Model Templates Entity Identifying Non-Identifying Many-to-Many Annotation

Toolbox Drawing Clipboard Editing Data Vault 2.0

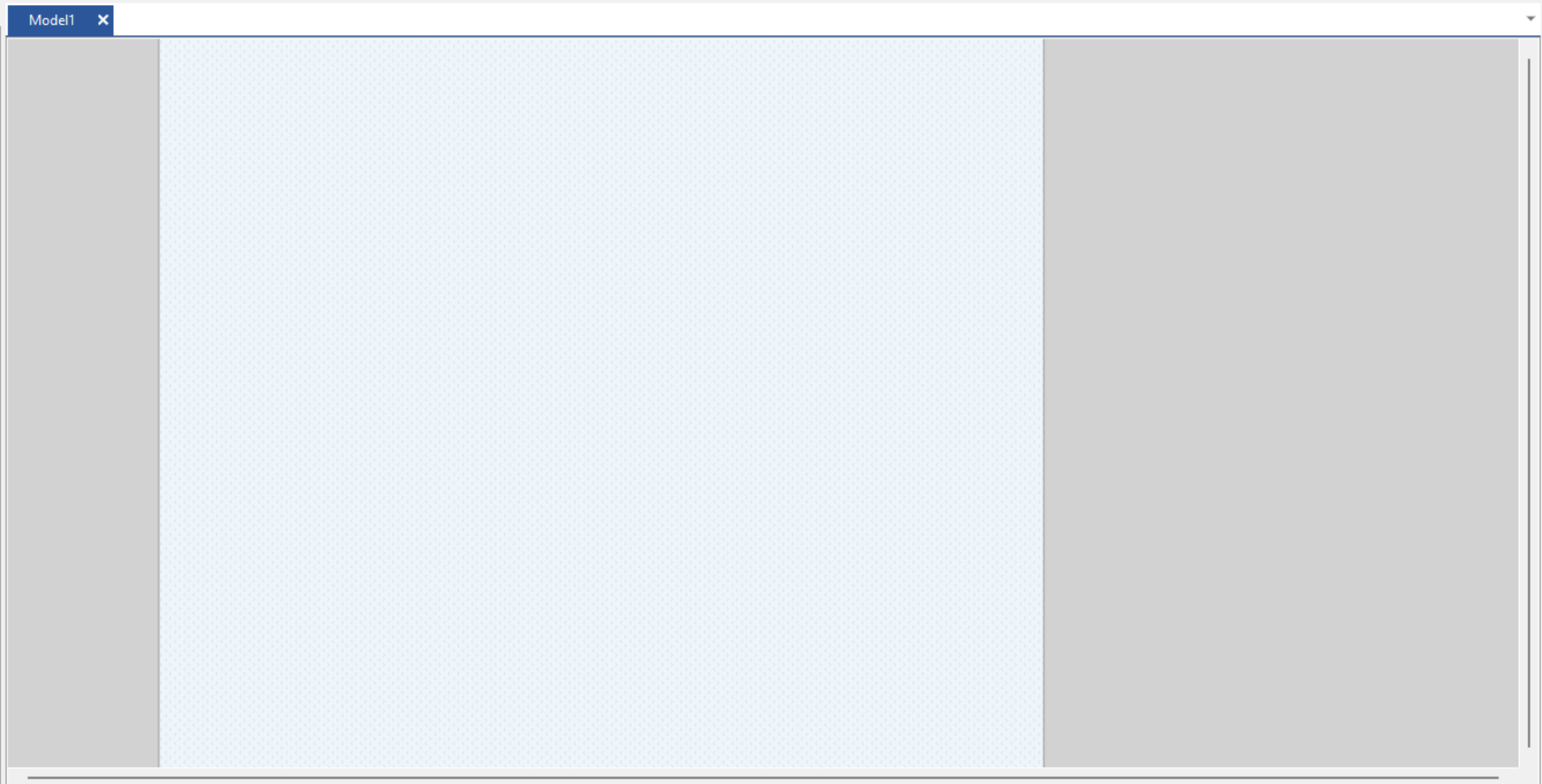
Copy Family Paste as Shortcut Copy Neighborhood Delete Copy Copy Neighborhood Delete Select Go To... Find Replace Hub Link Bridge Satellite PIT Reference

Conceptual

Model Explorer

- Entity
 - Create Independent Entity
- Annotations
- Entities
- ER Diagrams
- Relationships
- Subject Areas
- Themes

Model Subject Area



Properties

Model Templates Entity Identifying Non-Identifying Many-to-Many Annotation

Toolbox Drawing Clipboard Editing Data Vault 2.0

Cut Copy Copy Family Paste as Shortcut Paste Copy Neighborhood Delete

Select Go To... Find Replace Hub Link Reference Bridge Satellite

Conceptual

Model Explorer

- Model_1
 - Annotations
 - Entities
 - ER Diagrams
 - Relationships
 - Subject Areas
 - Themes

Model Subject Area



Properties

Model Templates Entity Identifying Non-Identifying Many-to-Many Annotation

Toolbox Drawing Clipboard Editing Data Vault 2.0

Cut Copy Copy Family Paste as Shortcut Copy Neighborhood Delete

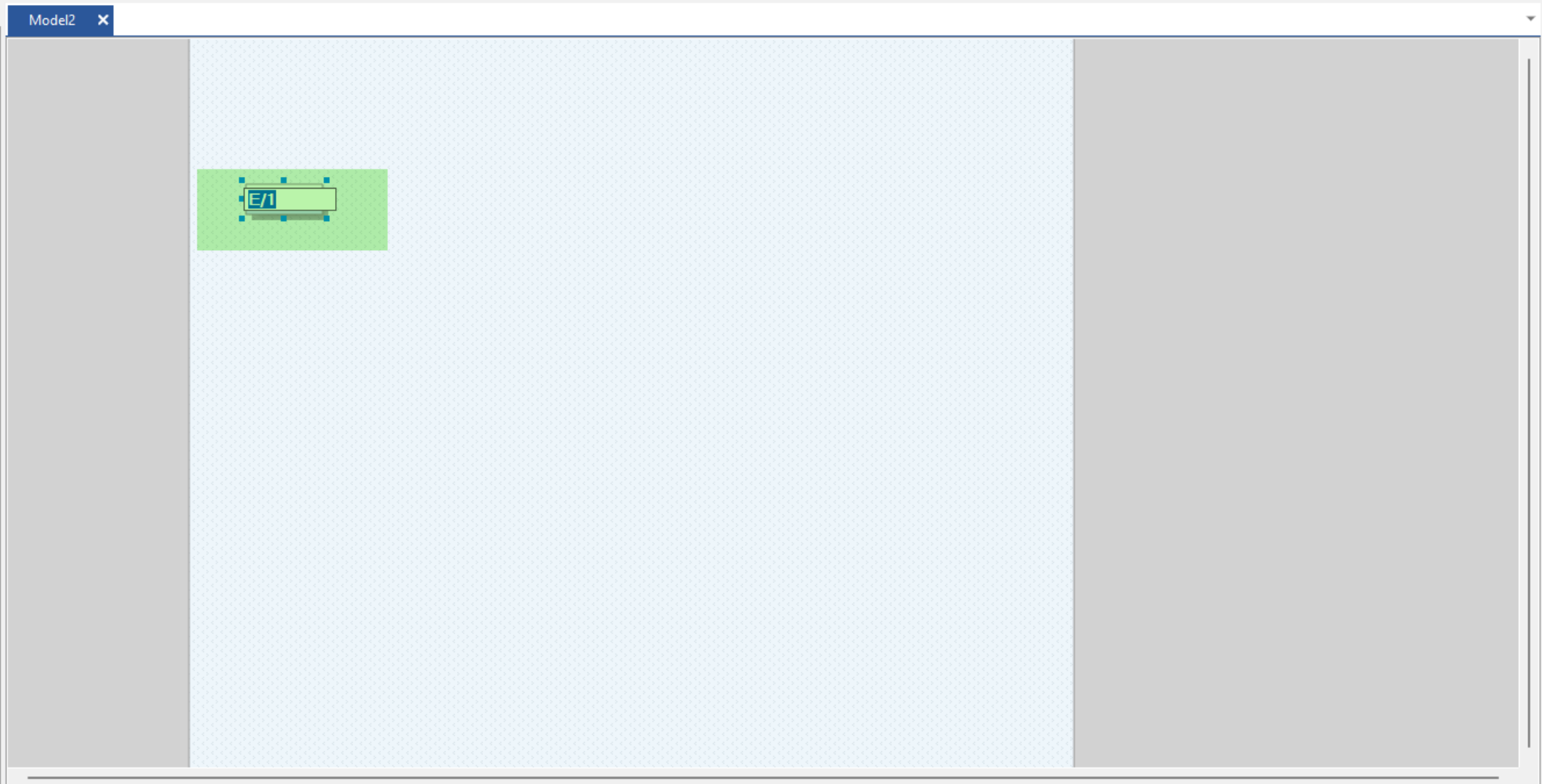
Select Go To... Find Replace Hub Link Reference Bridge Satellite

Microsoft Sans 10 Conceptual

Model Explorer

- Model_2
 - Annotations
 - Entities
 - ER Diagrams
 - Relationships
 - Subject Areas
 - Themes

Model Subject Area



Properties

Model Templates Entity Identifying Non-Identifying Many-to-Many Annotation

Toolbox Drawing Clipboard Editing Data Vault 2.0

Cut Copy Copy Family Paste as Shortcut Paste Copy Neighborhood Delete

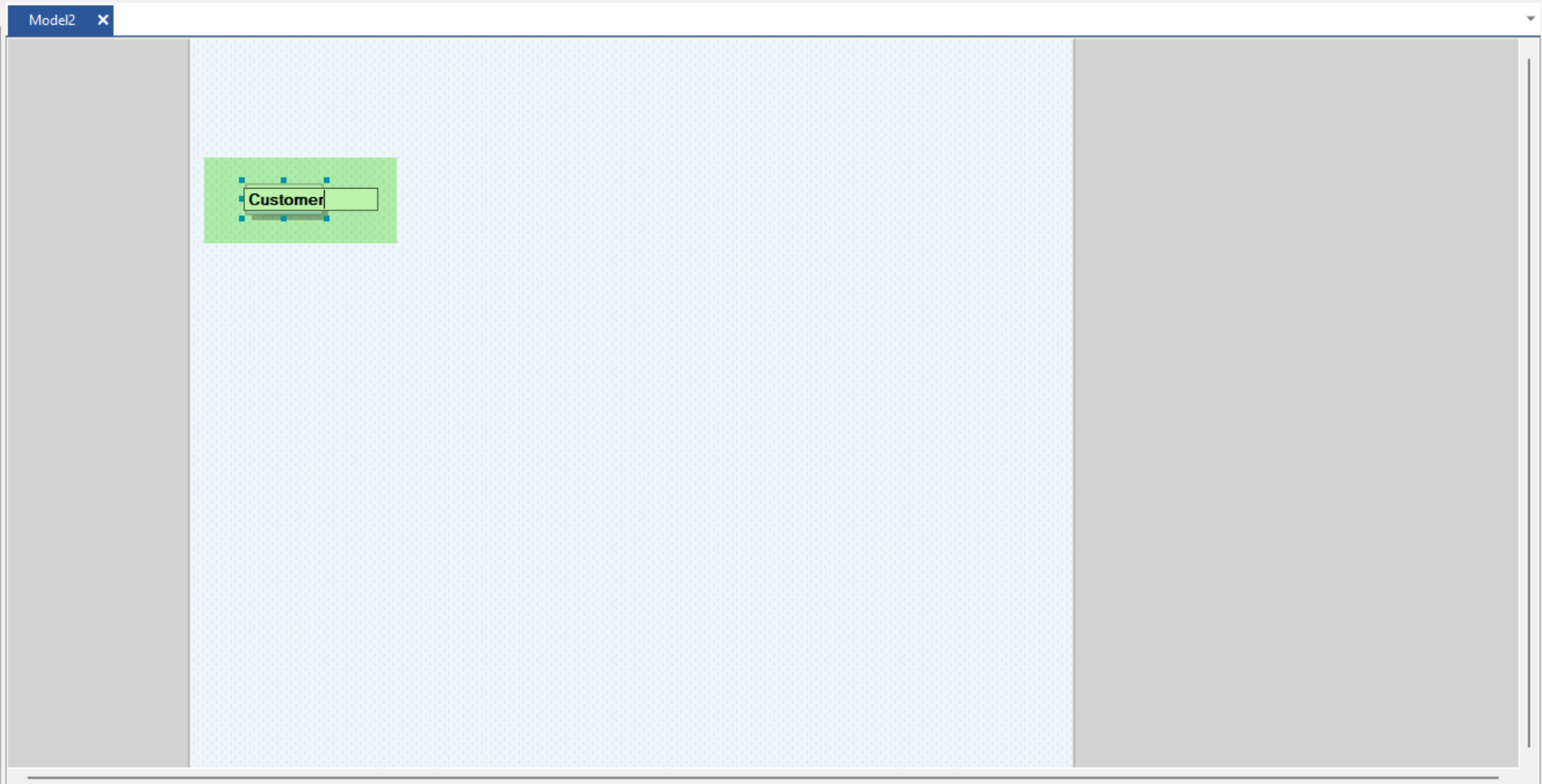
Select Go To... Find Replace Hub Link Reference Bridge Satellite

Microsoft Sans 10 Conceptual

Model Explorer

- Model_2
 - Annotations
 - Entities
 - ER Diagrams
 - Relationships
 - Subject Areas
 - Themes

Model Subject Area



Properties

Model Templates Entity Identifying Non-Identifying Many-to-Many Annotation

Toolbox Drawing Clipboard Editing Data Vault 2.0

Cut Copy Copy Family Paste as Shortcut Paste Copy Neighborhood Delete Select Go To... Find Replace Hub Link Reference Bridge Satellite

Model Explorer Model2 x Conceptual

Model Explorer

- Model_2
 - Annotations
 - Entities
 - ER Diagrams
 - Relationships
 - Subject Areas
 - Themes

Model Subject Area



Properties

Model Templates Entity Identifying Non-Identifying Annotation

Clipboard: Cut, Copy, Copy Family, Paste as Shortcut, Copy Neighborhood, Delete

Editing: Select, Go To..., Find, Replace

Data Vault 2.0: Hub, Link, Bridge, PIT, Reference, Satellite

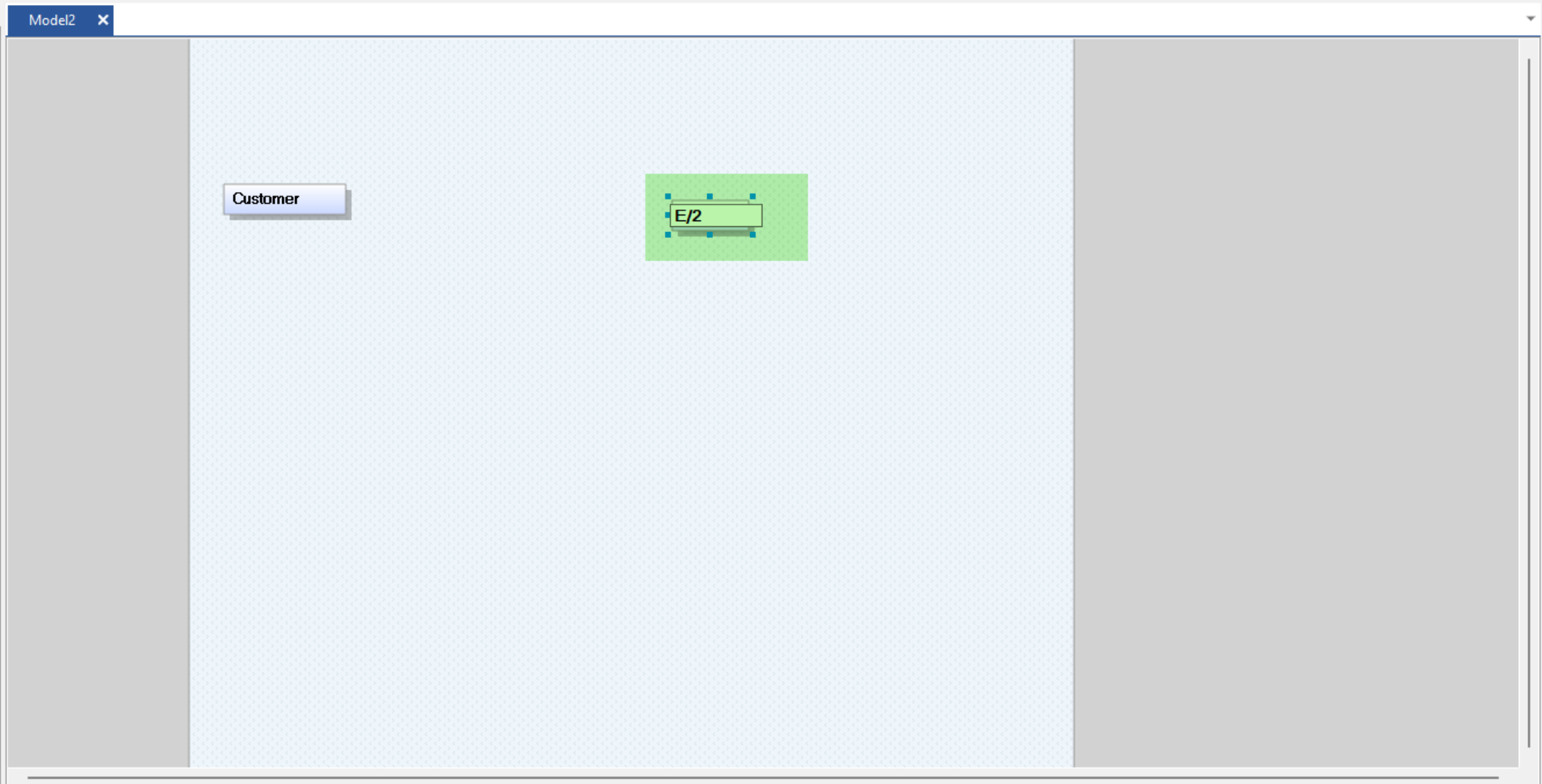
Microsoft Sans 10 B I U S A

Conceptual

Model Explorer

- Model_2
 - Annotations
 - Entities
 - ER Diagrams
 - Relationships
 - Subject Areas
 - Themes

Model Subject Area



Properties

Model Templates Entity Identifying Non-Identifying Annotation

Clipboard: Cut, Copy, Copy Family, Paste as Shortcut, Copy Neighborhood, Delete

Editing: Select, Go To..., Find, Replace

Data Vault 2.0: Hub, Link, Bridge, PIT, Reference, Satellite

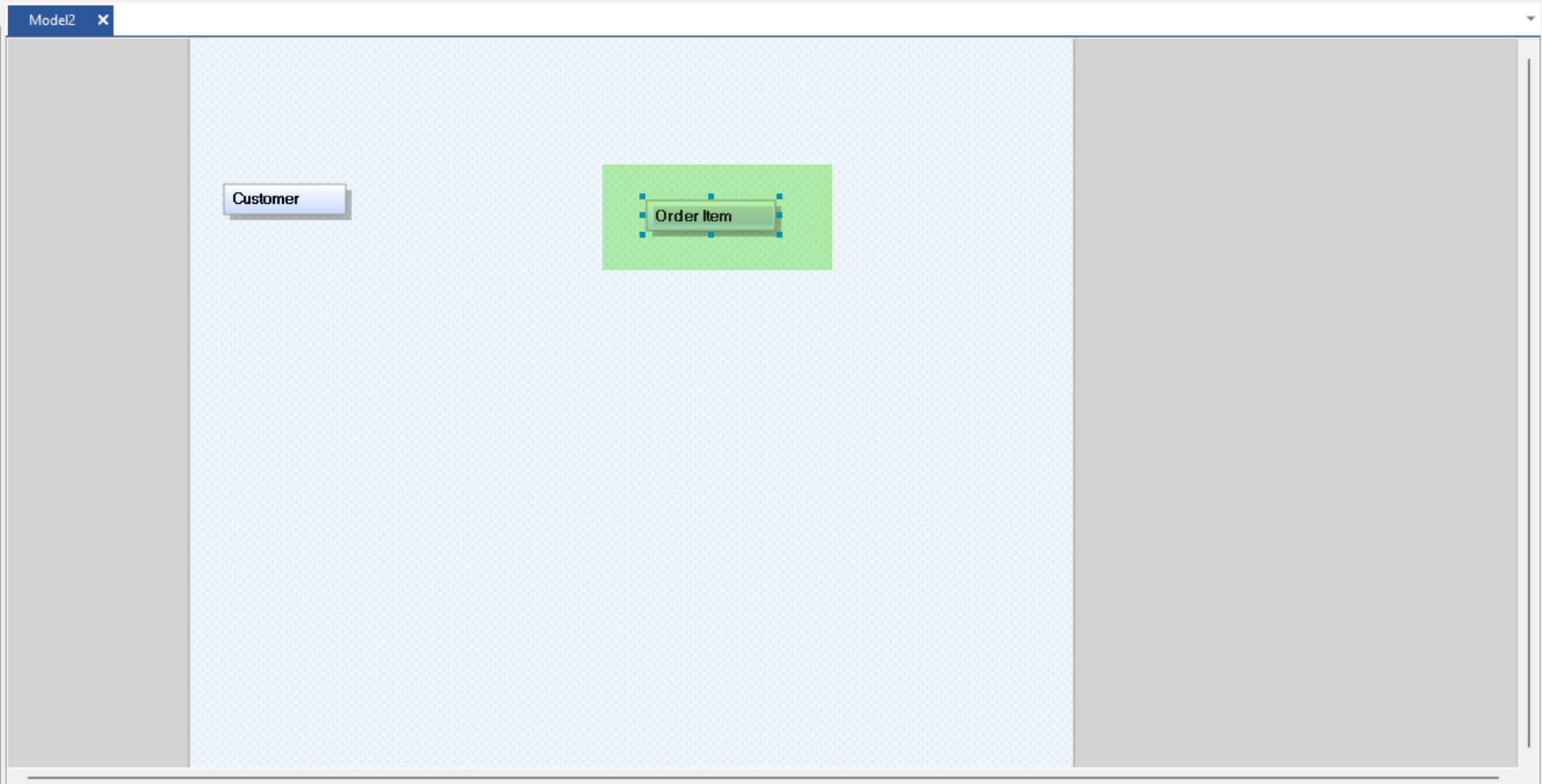
Microsoft Sans 10 B I U S A

Conceptual

Model Explorer

- Model_2
 - Annotations
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 - Relationships
 - Subject Areas
 - Themes

Model Subject Area



Properties

Model Templates Entity Identifying Non-Identifying Annotation
Toolbox

Drawing: [Icons for shapes and symbols]

Clipboard: Cut, Copy, Copy Family, Paste as Shortcut, Copy Neighborhood, Delete

Editing: Select, Go To..., Find, Replace

Data Vault 2.0: Hub, Link, Bridge, PIT, Reference, Satellite

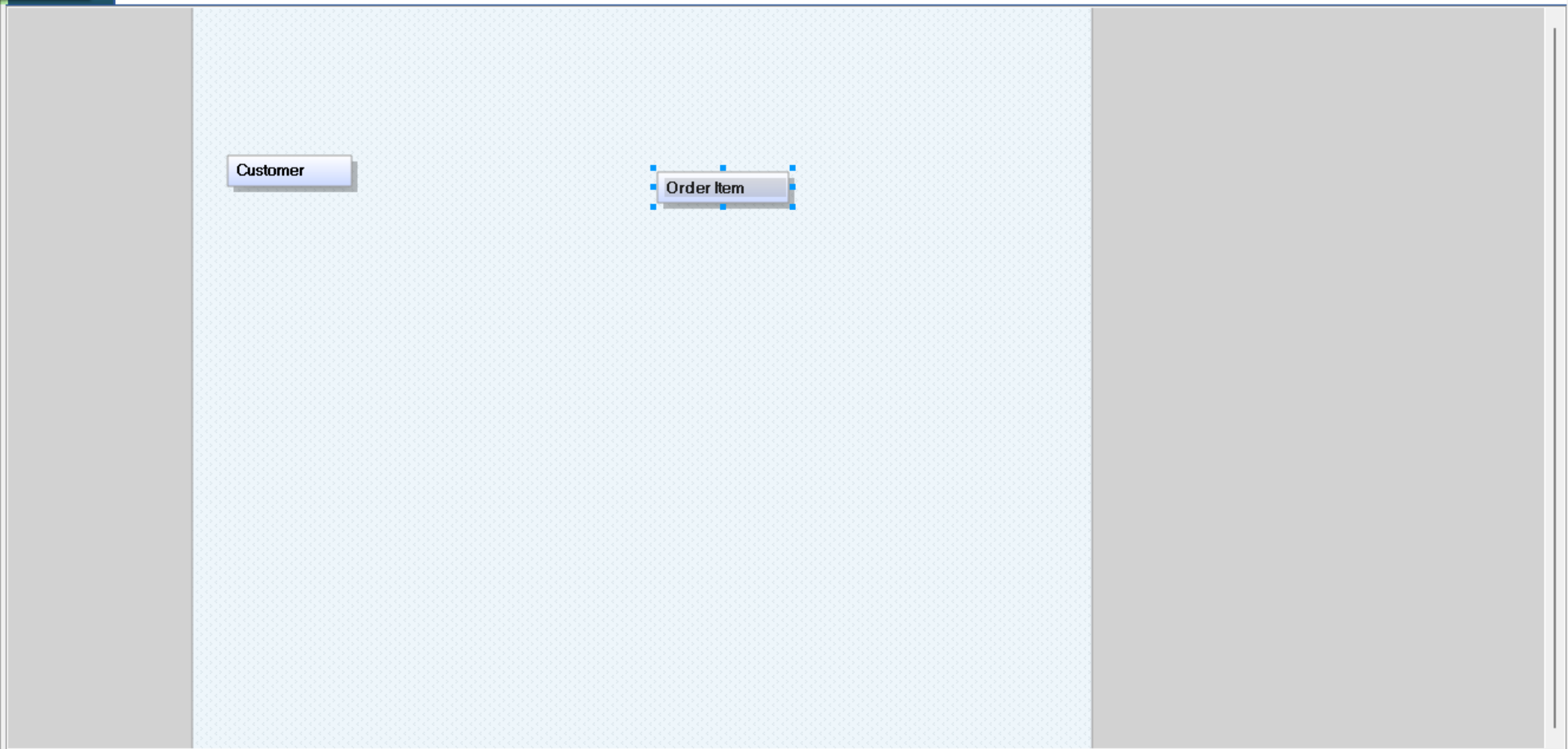
Model Explorer: Identifying Create identifying relationship

Font: 10 [B I U S A]

Conceptual

Model Explorer

- Model_2
 - Annotations
 - Entities
 - ER Diagrams
 - Relationships
 - Subject Areas
 - Themes

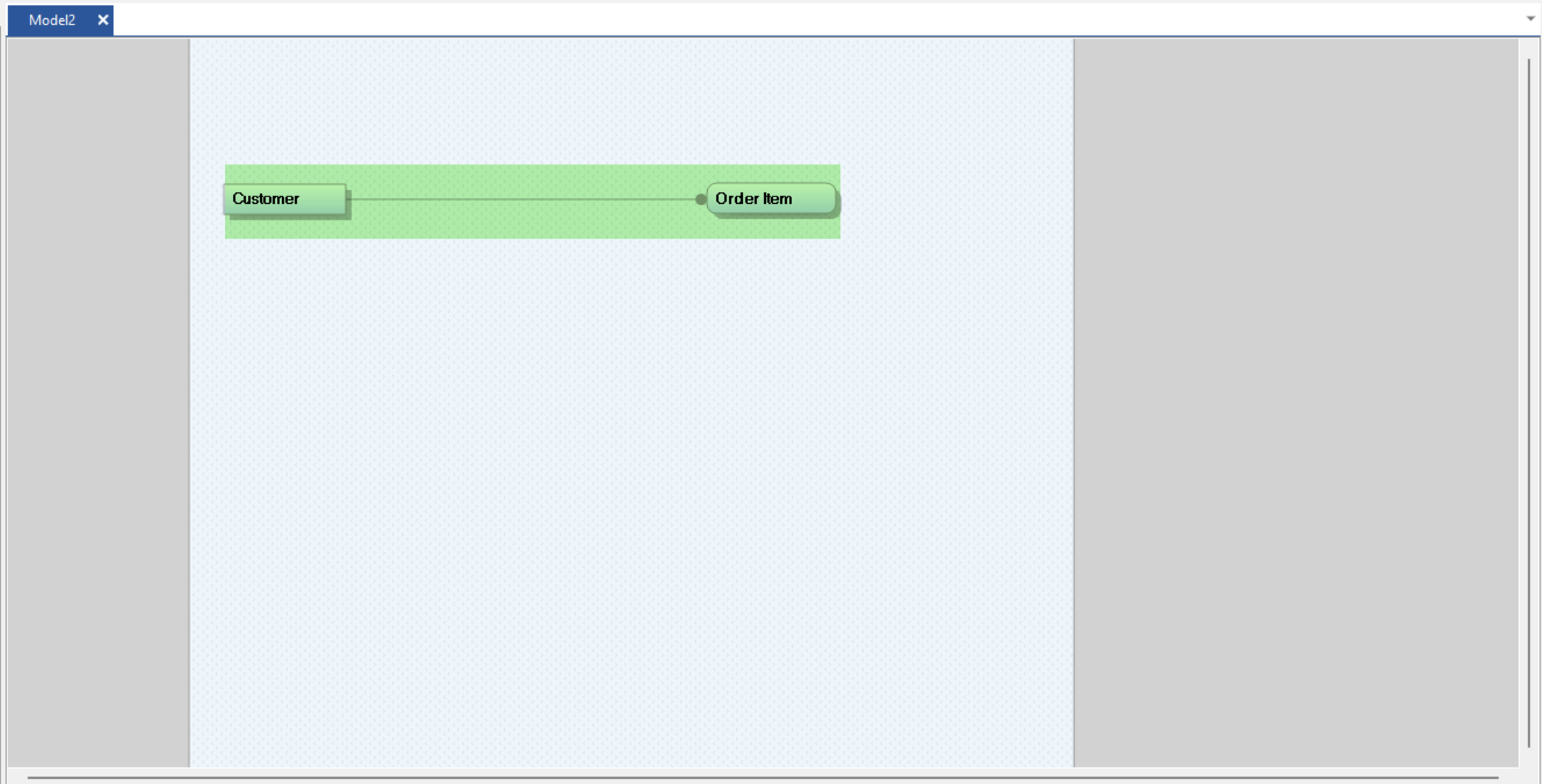


Model Templates Entity Identifying Non-Identifying Annotation Drawing Clipboard Editing Data Vault 2.0

Conceptual

Model Explorer

- Model_2
 - Annotations
 - Entities
 - ER Diagrams
 - Relationships
 - Subject Areas
 - Themes

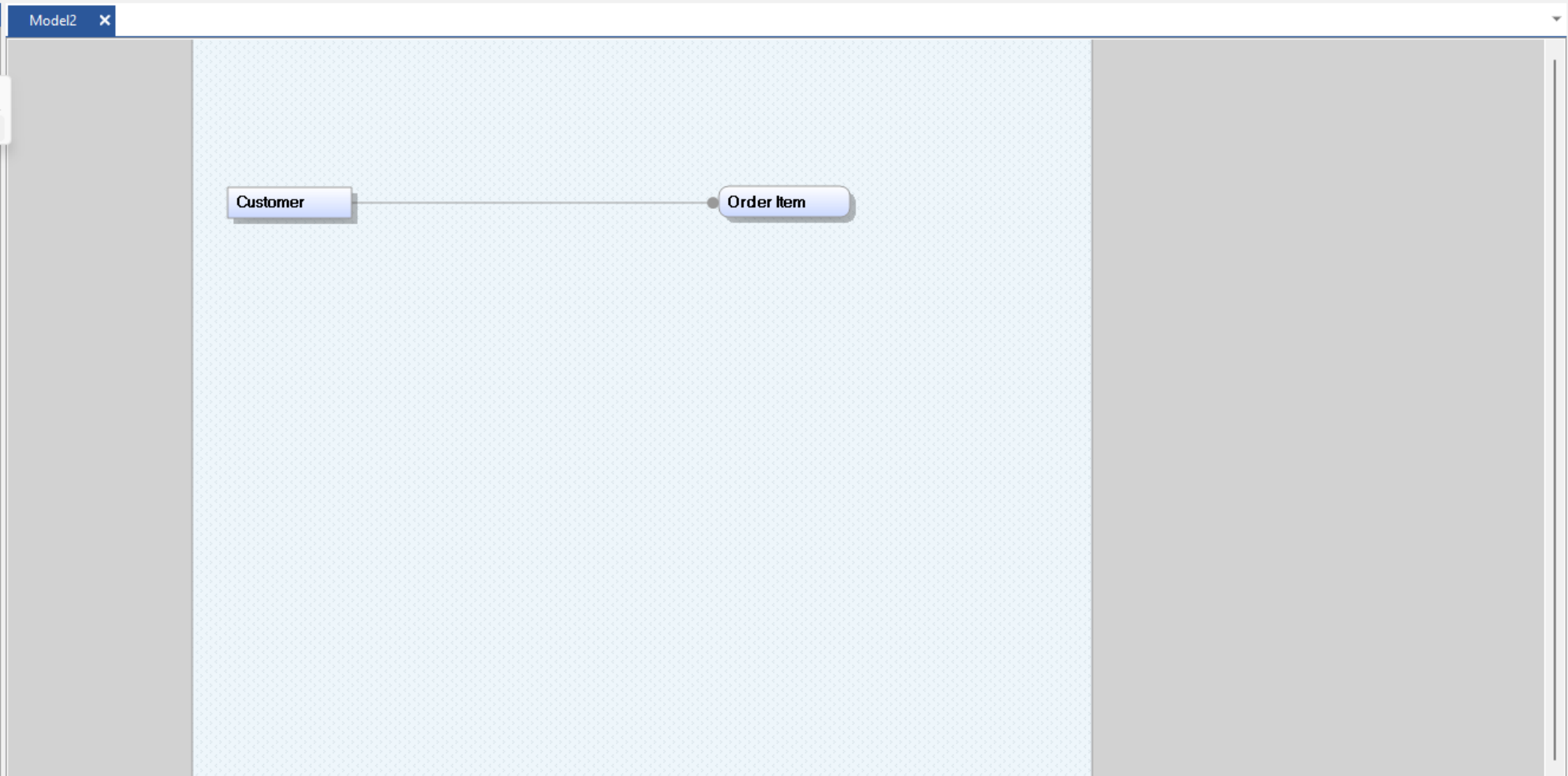


Model Templates Entity Identifying Non-Identifying Annotation Drawing Clipboard Editing Data Vault 2.0

Conceptual

Model Explorer

- Model_2
 - Anr
 - Ent
 - ER
 - Relationships
 - Subject Areas
 - Themes



Model Templates Entity Identifying Non-Identifying Annotation Drawing Clipboard Editing Data Vault 2.0

Model Explorer Model2 Model 'Model_2' Editor

Model Explorer

- Model_2
 - Annotations
 - Entities
 - ER Diagrams
 - Relationships
 - Subject Areas
 - Themes

Model 'Model_2' Editor

General Defaults RI Defaults History Options Definition UDP History Notes Extended

Type: Target Server And Version: SQL Server 2019/2022

Model Information	
Name	Conceptual Model
Author	
Integration Id	
Notation	
Modeling Features	
Is Dimensional	<input type="checkbox"/>
Data Vault 2.0	<input type="checkbox"/>
Data Movement	<input type="checkbox"/>

Close Cancel Details...



Model Explorer

- Conceptual Model
 - Annotations
 - Entities
 - ER Diagrams
 - Relationships
 - Subject Areas
 - Themes





Model Explorer

- Conceptual Model
 - Annotations
 - Entities
 - ER Diagrams
 - Relationships
 - Subject Areas
 - Themes

Save

Catalog:

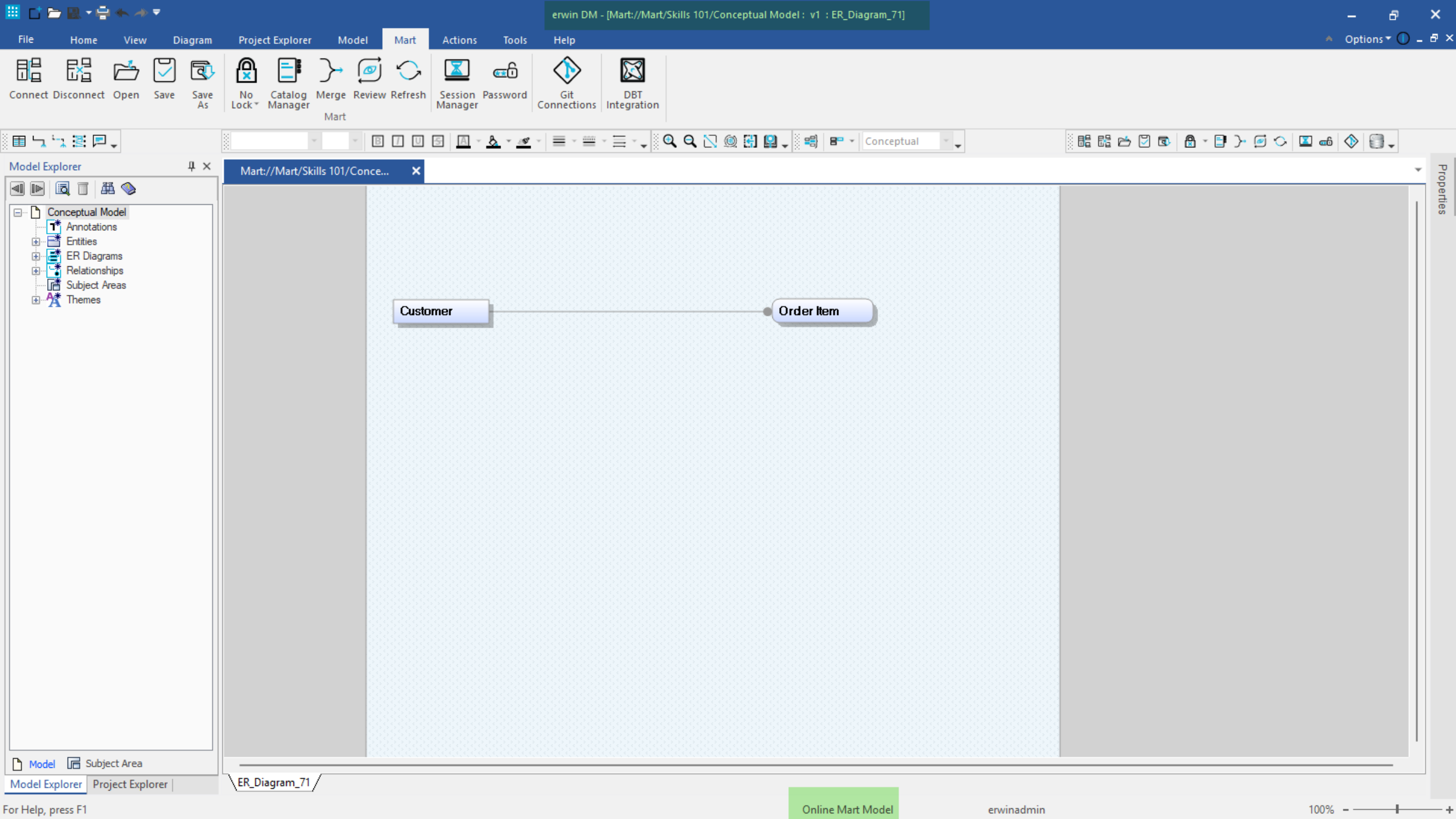
Name	Creator	Last Modifier	Modified On	Entity/...	Attribu...
Skills 101 AMT	erwinadmin	erwinadmin	2/10/2026 15:50:00	0	0
Skills 101 AMT Domain 99	erwinadmin	erwinadmin	2/11/2026 15:27:00	0	0
Skills 101 Model 1	erwinadmin	erwinadmin	2/10/2026 12:39:00	26	170
Skills 101 Model 1 - Season Two	erwinadmin	erwinadmin	2/10/2026 19:51:00	26	170
Skills 101 Model 1 AMT Applied	erwinadmin	erwinadmin	2/10/2026 16:00:00	26	170
Skills 101 New AMT	erwinadmin	erwinadmin	2/11/2026 08:26:00	0	0

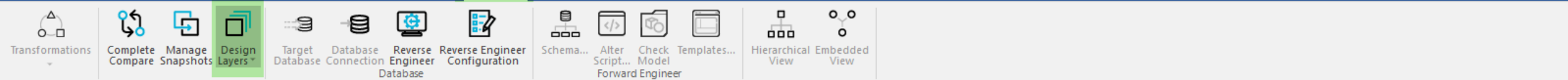
Model Name: Show Templates only

Mark As Template

Maintain Multiple Versions

Description

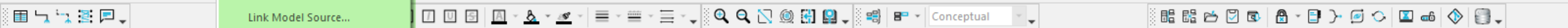




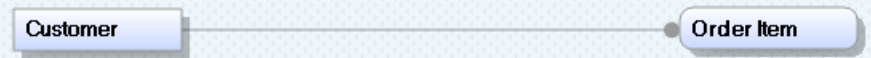
Model Explorer

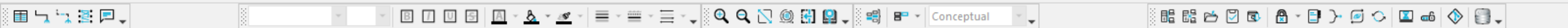
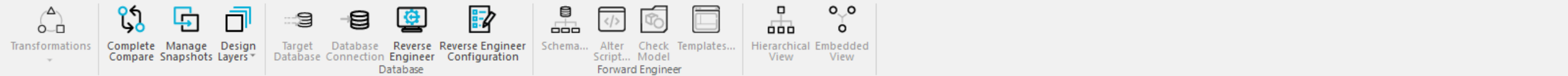
- Conceptual Model
 - Annotations
 - Entities
 - ER Diagrams
 - Relationships
 - Subject Areas
 - Themes





Derive New Model
Launch Derive New Model Wizard





Model Explorer

- Conceptual Model
 - Annotations
 - Entities
 - ER Diagrams
 - Relationships
 - Subject Areas
 - Themes

Model Subject Area

Mart://Mart/Skills 101/Conce...

Derive Model

Select the Target Model Compare Level: Unknown

Please select the options to create a new derived model

[Overview](#)

[Source Model](#)

[Target Model](#)

[Type Selection](#)

[Object Selection](#)

[Naming Standards](#)

New Model Type

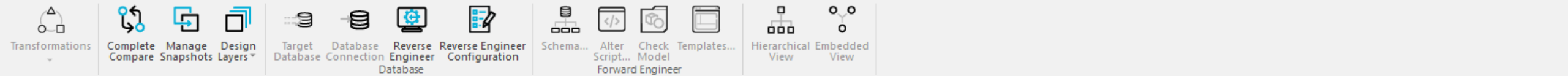
Conceptual
 Logical
 Physical
 Logical/Physical

Create Using Template:

Blank Conceptual Model

Remove Browse File System... Browse Mart...

Creates a new conceptual-only model with all default settings.



Model Explorer

- Conceptual Model
 - Annotations
 - Entities
 - ER Diagrams
 - Relationships
 - Subject Areas
 - Themes

Mart://Mart/Skills 101/Conce...

Derive Model

Select the Target Model Compare Level: Unknown

Please select the options to create a new derived model

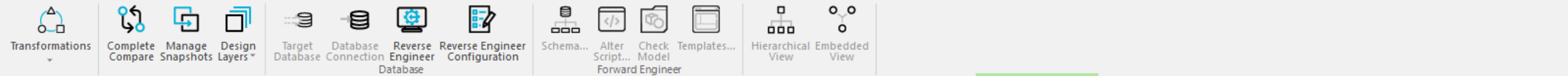
New Model Type

Conceptual Logical Physical Logical/Physical

Create Using Template:

Blank Logical Model

Creates a new logical-only model with all default settings.



Model Explorer

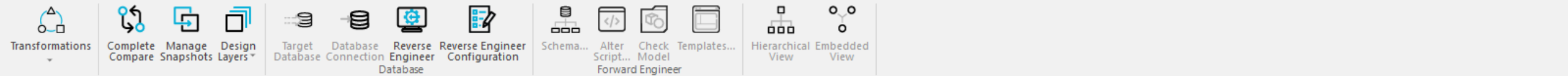
- Conceptual Model
 - Annotations
 - Data Vault 2.0
 - Datatype Standards
 - Default Values
 - Domains
 - Entities
 - ER Diagrams
 - Model Sources
 - Naming Standards
 - Relationships
 - Subject Areas
 - Themes
 - Validation Rules

Model Subject Area

Model Explorer Project Explorer

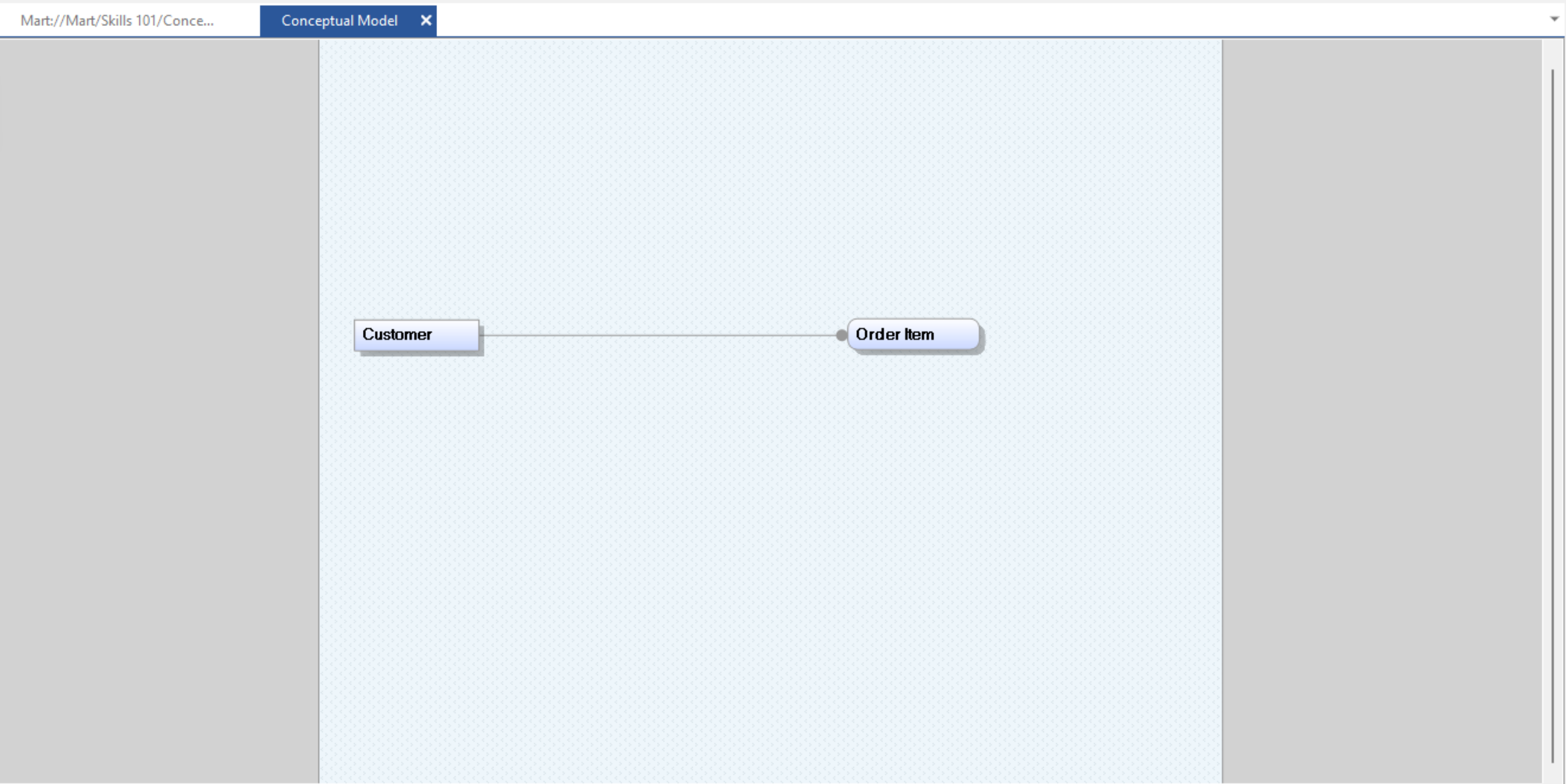


Properties

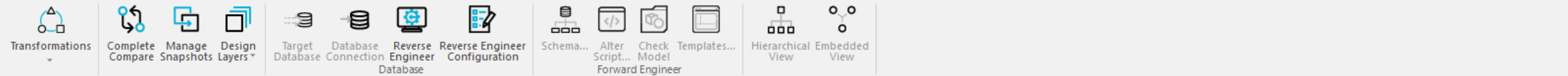


Model Explorer

- Conc...
 - Switch to
 - Properties...
 - Default Values
 - Domains
 - Entities
 - ER Diagrams
 - Model Sources
 - Naming Standards
 - Relationships
 - Subject Areas
 - Themes
 - Validation Rules



Properties



Model Explorer

- Logical Model
 - Annotations
 - Data Vault 2.0
 - Datatype Standards
 - Default Values
 - Domains
 - Entities
 - ER Diagrams
 - Model Sources
 - Naming Standards
 - Relationships
 - Subject Areas
 - Themes
 - Validation Rules

Mart://Mart/Skills 101/Conce... Concept...

Model 'Logical Model' Editor

General Defaults RI Defaults History Options Definition UDP History Notes Extended

Type: Logical

Model Information	
Name	Logical Model
Author	
Integration Id	
Notation	
Logical Notation	Information Engineering
Modeling Features	
Data Vault 2.0	Information Engineering

Close Cancel

ESX-32824 - All Subtype relationships have been updated based on the modeling Details...

Properties

New Diagram Delete Diagram Diagrams...
Align Left Align Center Align Right Align Top Align Middle Align Bottom
Space Horizontally Space Vertically
Group Ungroup Hierarchical Orthogonal Tree Circular Symmetric
Objects Relationship Paths Layout In Place
Hide Hide Neighborhood Unhide
Unhide All

Model Explorer Mart://Mart/Skills 101/Conce... Logical Model x

- Logical Model
 - Annotations
 - Data Vault 2.0
 - Datatype Standards
 - Default Values
 - Domains
 - Entities
 - ER Diagrams
 - Model Sources
 - Naming Standards
 - Relationships
 - Subject Areas
 - Themes
 - Validation Rules



Diagram toolbar:

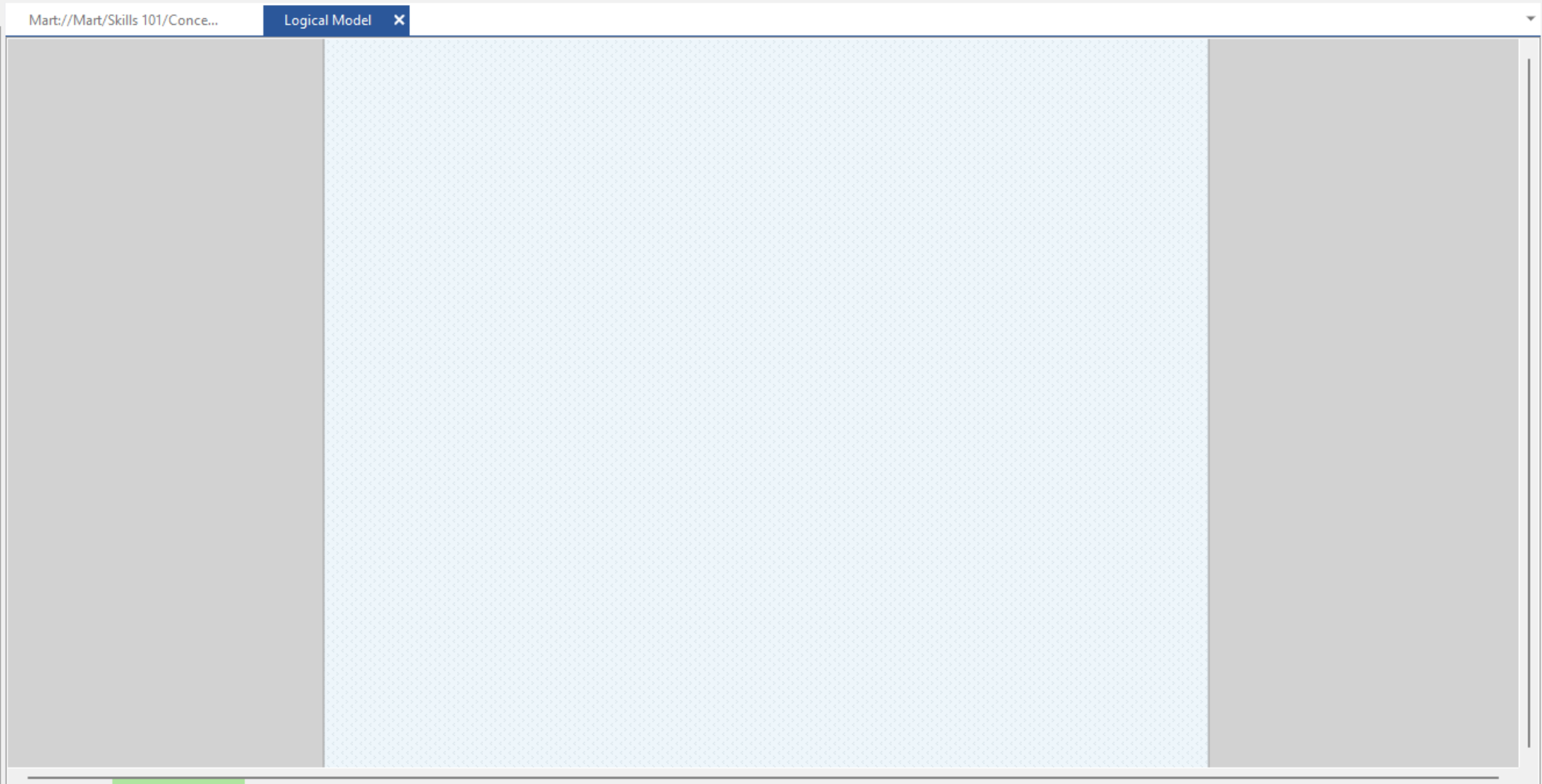
- New Diagram
- Delete Diagram
- Diagrams...
- Align Left
- Align Center
- Align Right
- Align Top
- Align Middle
- Align Bottom
- Space Horizontally
- Space Vertically
- Group
- Ungroup
- Hierarchical
- Orthogonal
- Tree
- Circular
- Symmetric
- Layout In Place
- Hide
- Hide Neighborhood
- Unhide
- Unhide All

Secondary toolbar:

- Logical
- Navigation icons
- Zoom icons
- Refresh icon
- Save icon
- Print icon
- Undo icon
- Redo icon
- Home icon
- Find icon
- Help icon

Model Explorer

- Logical Model
 - Annotations
 - Data Vault 2.0
 - Datatype Standards
 - Default Values
 - Domains
 - Entities
 - ER Diagrams
 - Model Sources
 - Naming Standards
 - Relationships
 - Subject Areas
 - Themes
 - Validation Rules

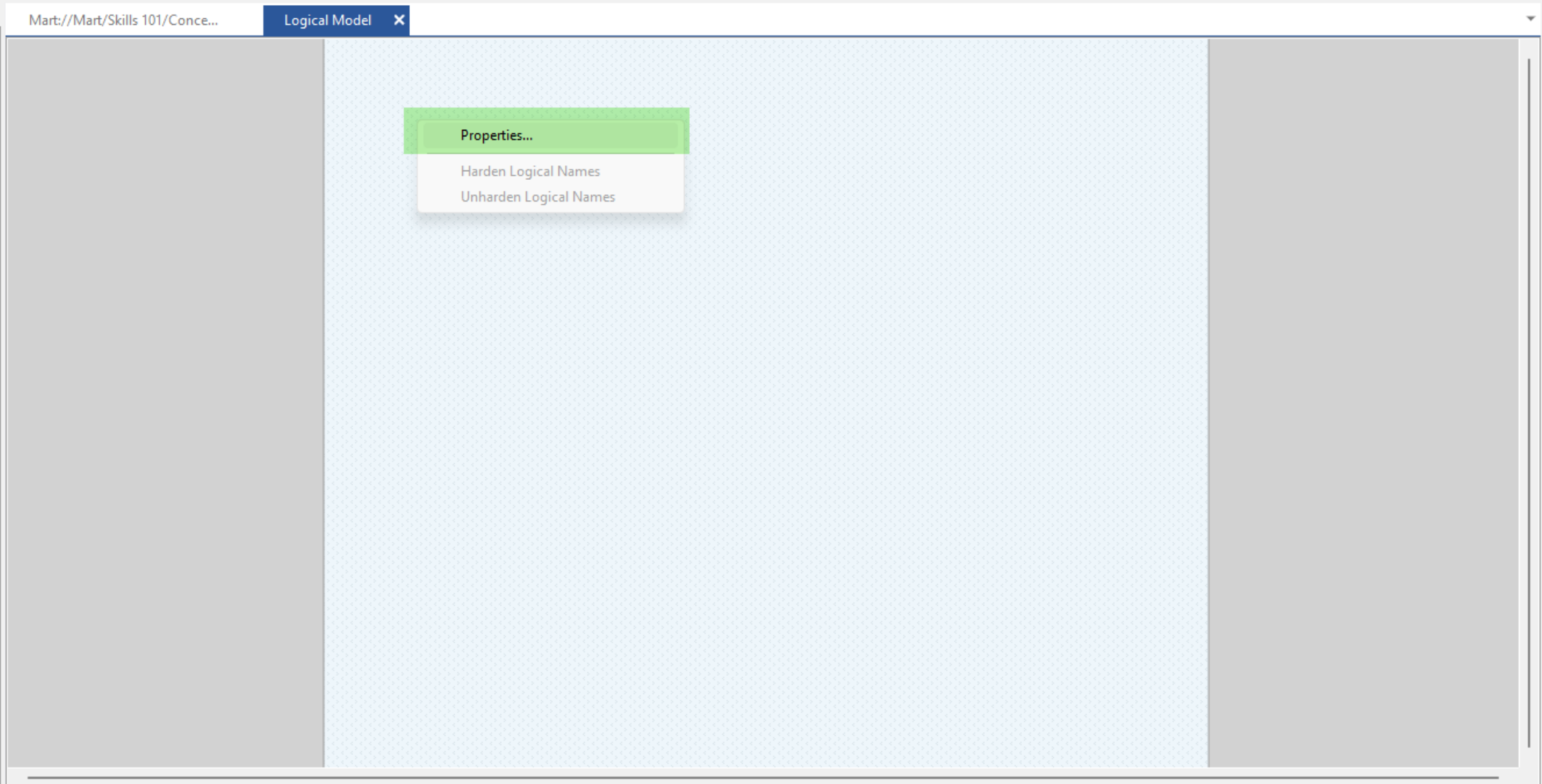


Properties

Diagram toolbar: New Diagram, Delete Diagram, Diagrams..., Align Left, Align Center, Align Right, Align Top, Align Middle, Align Bottom, Space Horizontally, Space Vertically, Group, Ungroup, Hierarchical, Orthogonal, Tree, Circular, Symmetric, Layout, Objects, Relationship Paths, Layout In Place, Hide, Hide Neighborhood, Unhide, Unhide All, Hiding

Secondary toolbar: Selection tools, Zoom tools, Logical dropdown, Undo, Redo, Refresh, Save, Print, Export, Import, Copy, Paste, Delete, Undo, Redo, Refresh, Save, Print, Export, Import, Copy, Paste, Delete

Model Explorer: Logical Model tree structure including Annotations, Data Vault 2.0, Datatype Standards, Default Values, Domains, Entities, ER Diagrams, Model Sources, Naming Standards, Relationships, Subject Areas, Themes, Validation Rules



Properties panel (partially visible)

New Diagram Delete Diagram Diagrams... Align Left Align Center Align Right Align Top Align Middle Align Bottom Space Horizontally Space Vertically

Model Explorer Mart://Mart/Skills 101/Conce... Logical M

Logical Model Annotations Data Vault 2.0 Datatype Standards Default Values Domains Entities ER Diagrams Model Sources Naming Standards Relationships Subject Areas Themes Validation Rules

ER Diagram 'ER_Diagram_60' Editor

Edit ER Diagrams in: Logical Model

Enter filter text

Name	View Mode	Auto-populate
ER_Diagram_60	Logical	<input type="checkbox"/>
ER_Diagram_71	Logical	<input type="checkbox"/>

General Members Relationships Layout Display Entity Relationship Page Setup Page

Automatically populate from Model

Available Objects

Name	Type
Customer	Entity
Order Item	Entity

Included Objects

Name Type

There are no items to show.

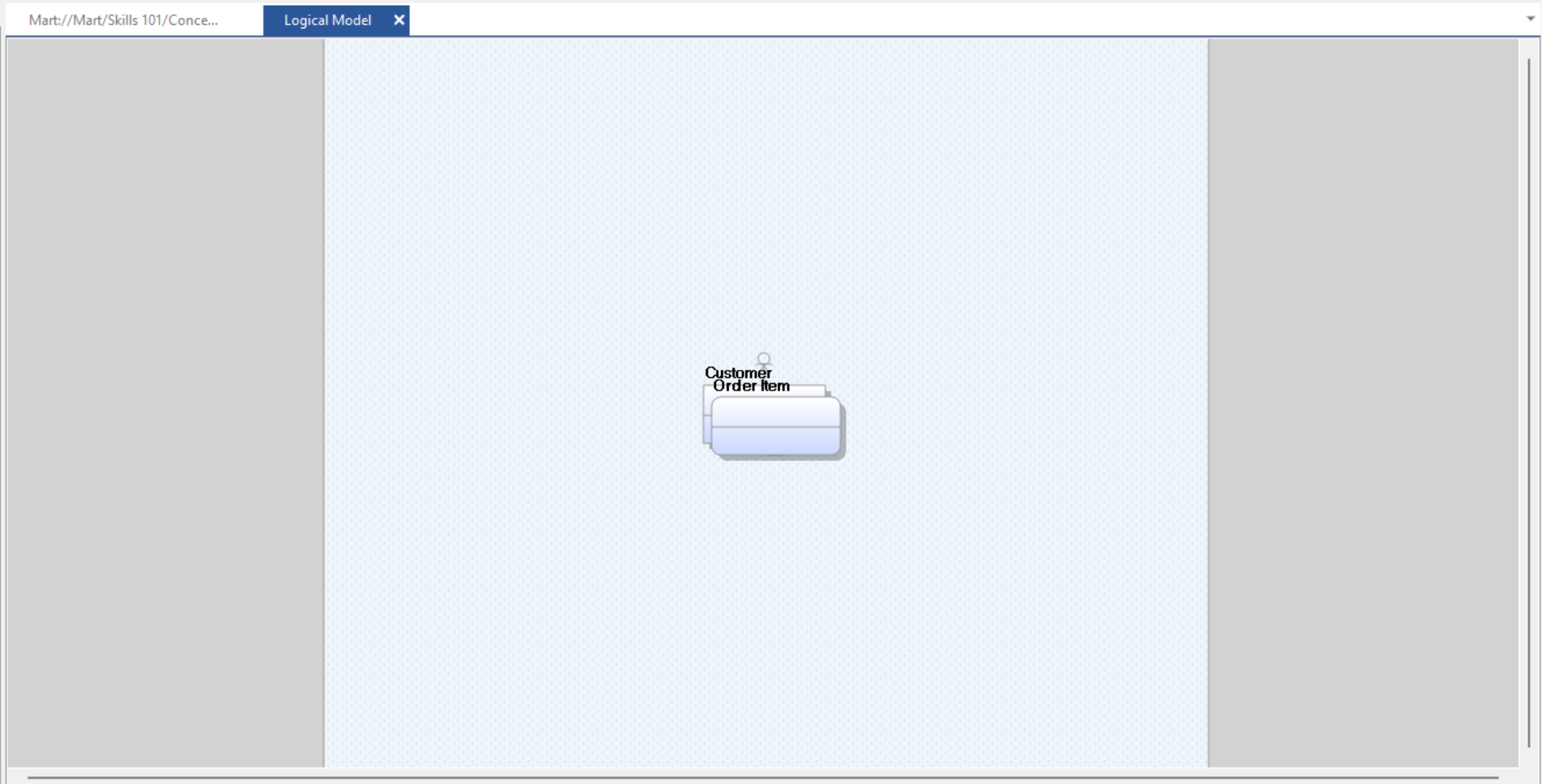
Close Cancel

Details...

Diagram toolbar: New Diagram, Delete Diagram, Diagrams..., Align Left, Align Center, Align Right, Align Top, Align Middle, Align Bottom, Space Horizontally, Space Vertically, Group, Ungroup, Hierarchical, Orthogonal, Tree, Circular, Symmetric, Layout, Objects, Relationship Paths, Layout In Place, Hide, Hide Neighborhood, Unhide, Unhide All, Hiding

Secondary toolbar: Selection tools, Zoom tools, Logical dropdown, Undo, Redo, Refresh, Save, Print, Copy, Paste, Delete, Undo, Redo, Refresh, Save, Print, Copy, Paste, Delete

Model Explorer: Logical Model tree structure including Annotations, Data Vault 2.0, Datatype Standards, Default Values, Domains, Entities, ER Diagrams, Model Sources, Naming Standards, Relationships, Subject Areas, Themes, Validation Rules



Properties panel: Empty

File Home View **Diagram** Project Explorer Model Mart Actions Tools Help

New Diagram Delete Diagram Diagrams... Align Left Align Center Align Right Align Top Align Middle Bottom Alignment Space Horizontally Space Vertically Group Ungroup Hierarchical Orthogonal Tree Circular Symmetric Objects Relationship Paths Layout In Place Hide Hide Neighborhood Unhide All

Model Explorer Mart://Mart/Skills 101/Conce... Logical Model Hierarchical Perform a hierarchical layout

Logical Model

- Annotations
- Data Vault 2.0
- Datatype Standards
- Default Values
- Domains
- Entities
- ER Diagrams
- Model Sources
- Naming Standards
- Relationships
- Subject Areas
- Themes
- Validation Rules

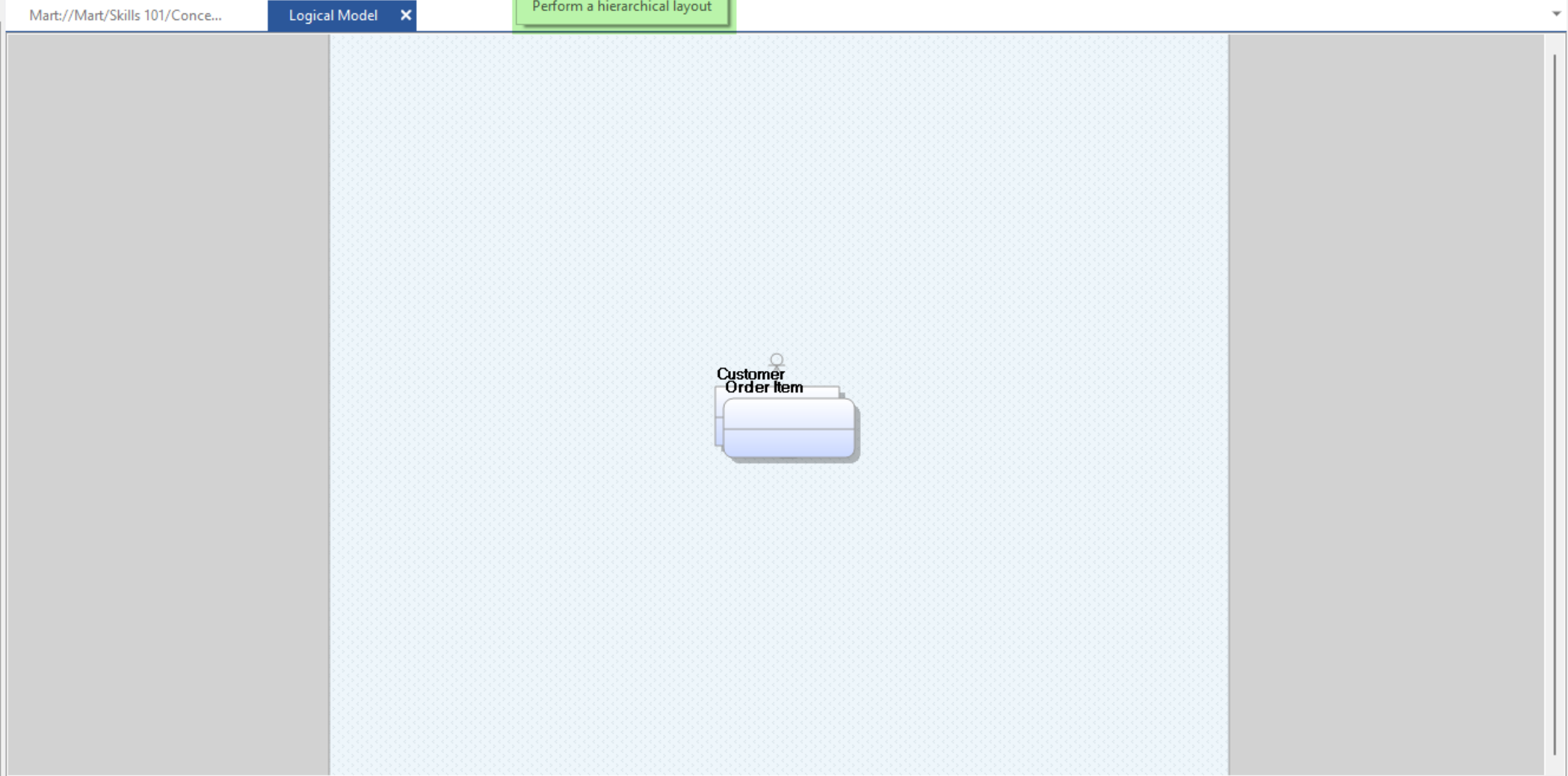
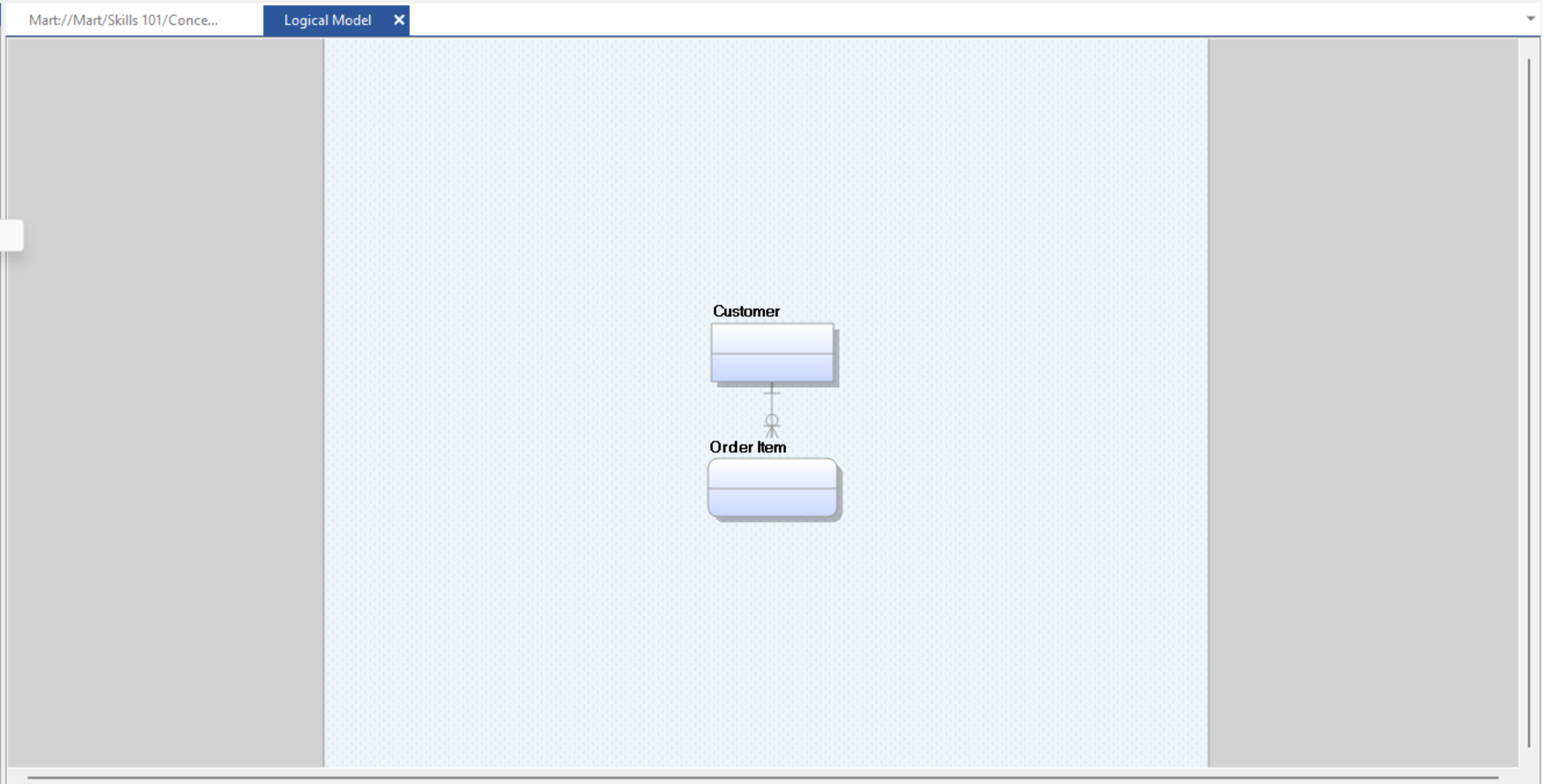


Diagram toolbar: New Diagram, Delete Diagram, Diagrams..., Align Left, Align Center, Align Right, Align Top, Align Middle, Align Bottom, Space Horizontally, Space Vertically, Group, Ungroup, Hierarchical, Orthogonal, Tree, Circular, Symmetric, Objects, Relationship Paths, Layout In Place, Hide, Hide Neighborhood, Unhide, Unhide All.

Secondary toolbar: Selection tools, Zoom, Pan, and other navigation utilities.

Model Explorer tree view:

- Logical Model
 - Annotations
 - Data Vault 2.0
 - Datatype Standards
 - Default Values
 - Domains
 - Entities
 - Customer
 - Attrib...
 - Child
 - Key Groups
 - Parent Relations
 - Order Item
 - ER Diagrams
 - Model Sources
 - Naming Standards
 - Relationships
 - Subject Areas
 - Themes
 - Validation Rules



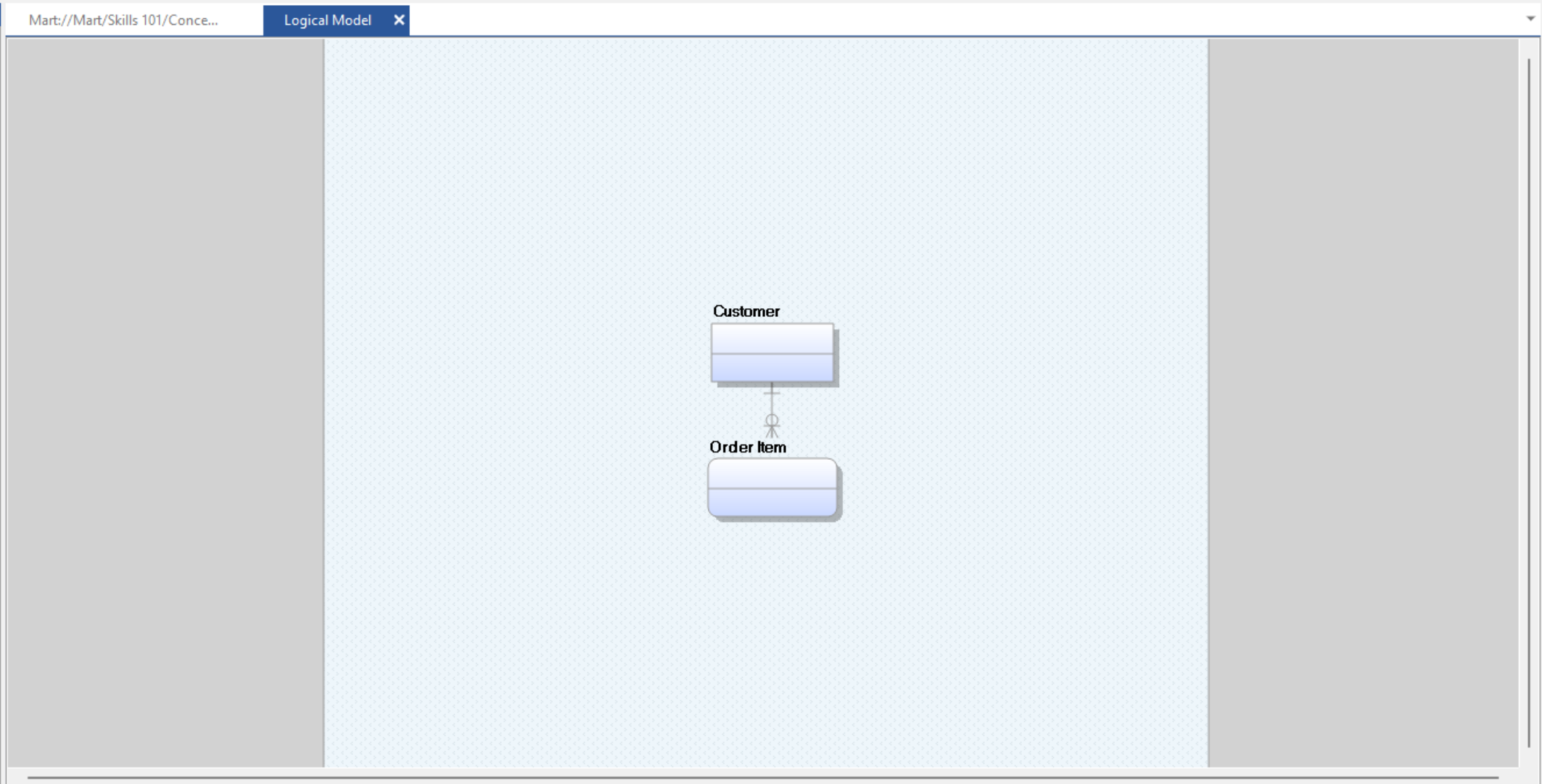
Properties panel: A vertical sidebar on the right side of the interface for viewing and editing object properties.

Diagram toolbar: New Diagram, Delete Diagram, Diagrams..., Align Left, Align Center, Align Right, Align Top, Align Middle, Align Bottom, Space Horizontally, Space Vertically, Group, Ungroup, Hierarchical, Orthogonal, Tree, Circular, Symmetric, Objects, Relationship Paths, Layout In Place, Hide, Hide Neighborhood, Unhide, Unhide All.

Secondary toolbar: Selection tools, Zoom, Navigation, Properties, Logical dropdown, Undo, Redo, Refresh, Save, Print, Export, Import, Copy, Paste, Delete, Undo, Redo, Refresh, Save, Print, Export, Import, Copy, Paste, Delete.

Model Explorer tree view:

- Logical Model
 - Annotations
 - Data Vault 2.0
 - Datatype Standards
 - Default Values
 - Domains
 - Entities
 - Customer
 - Attributes
 - Child Relations
 - Key Groups
 - Parent Relations
 - Order Item
 - ER Diagrams
 - Model Sources
 - Conceptual Model
 - Naming Standards
 - Relationships
 - Subject Areas
 - Themes
 - Validation Rules



Properties panel (empty)

Diagram toolbar: New Diagram, Delete Diagram, Diagrams..., Align Left, Align Center, Align Right, Align Top, Align Middle, Align Bottom, Space Horizontally, Space Vertically, Group, Ungroup, Hierarchical, Orthogonal, Tree, Circular, Symmetric, Objects, Relationship Paths, Layout In Place, Hide, Hide Neighborhood, Unhide, Unhide All.

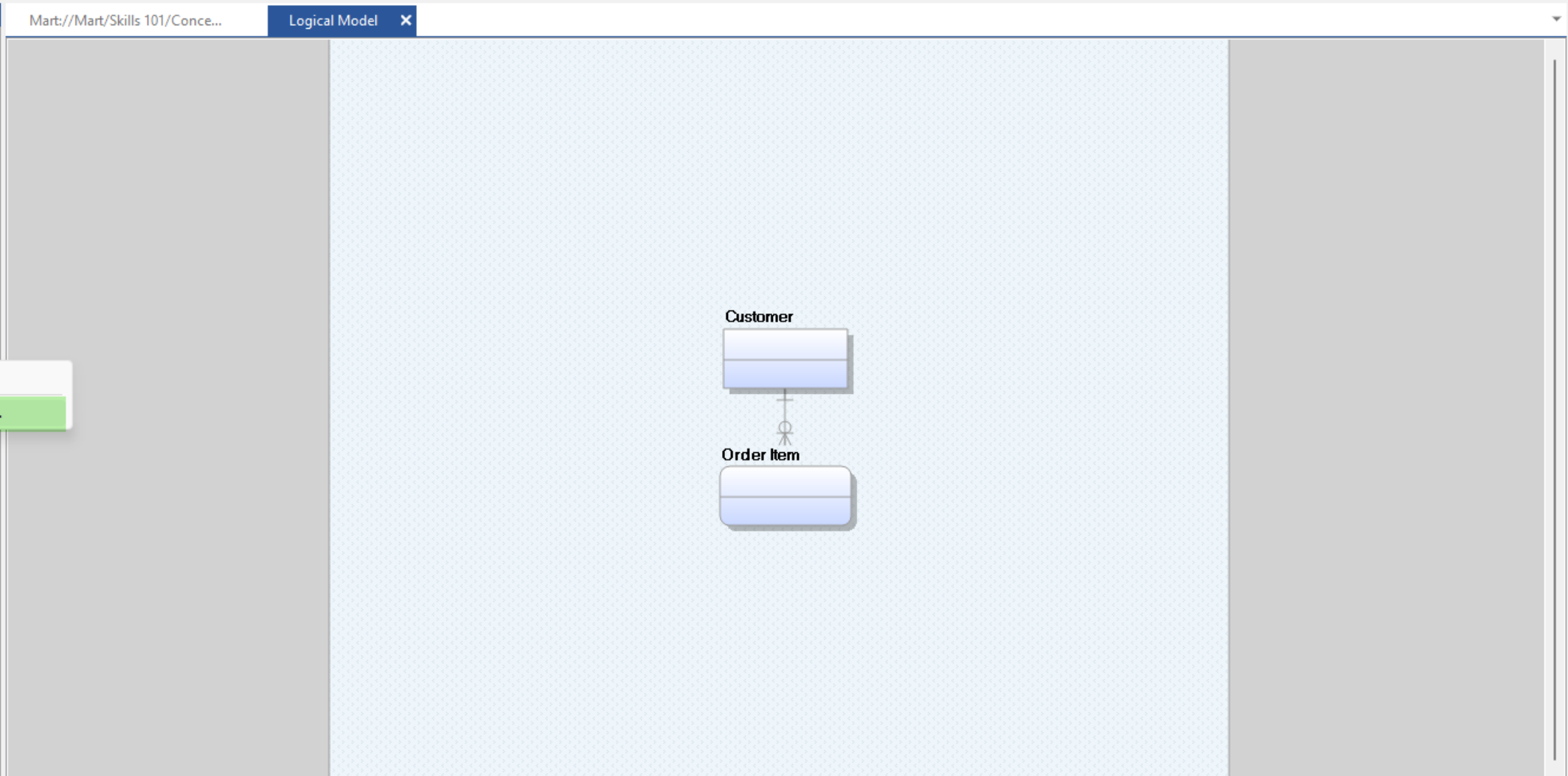
Secondary toolbar: Selection tools, Zoom, Navigation, Logical dropdown, Undo, Redo, Refresh, Save, Print, Export, Import, Lock, Unlock, Filter, Show/Hide, Properties.

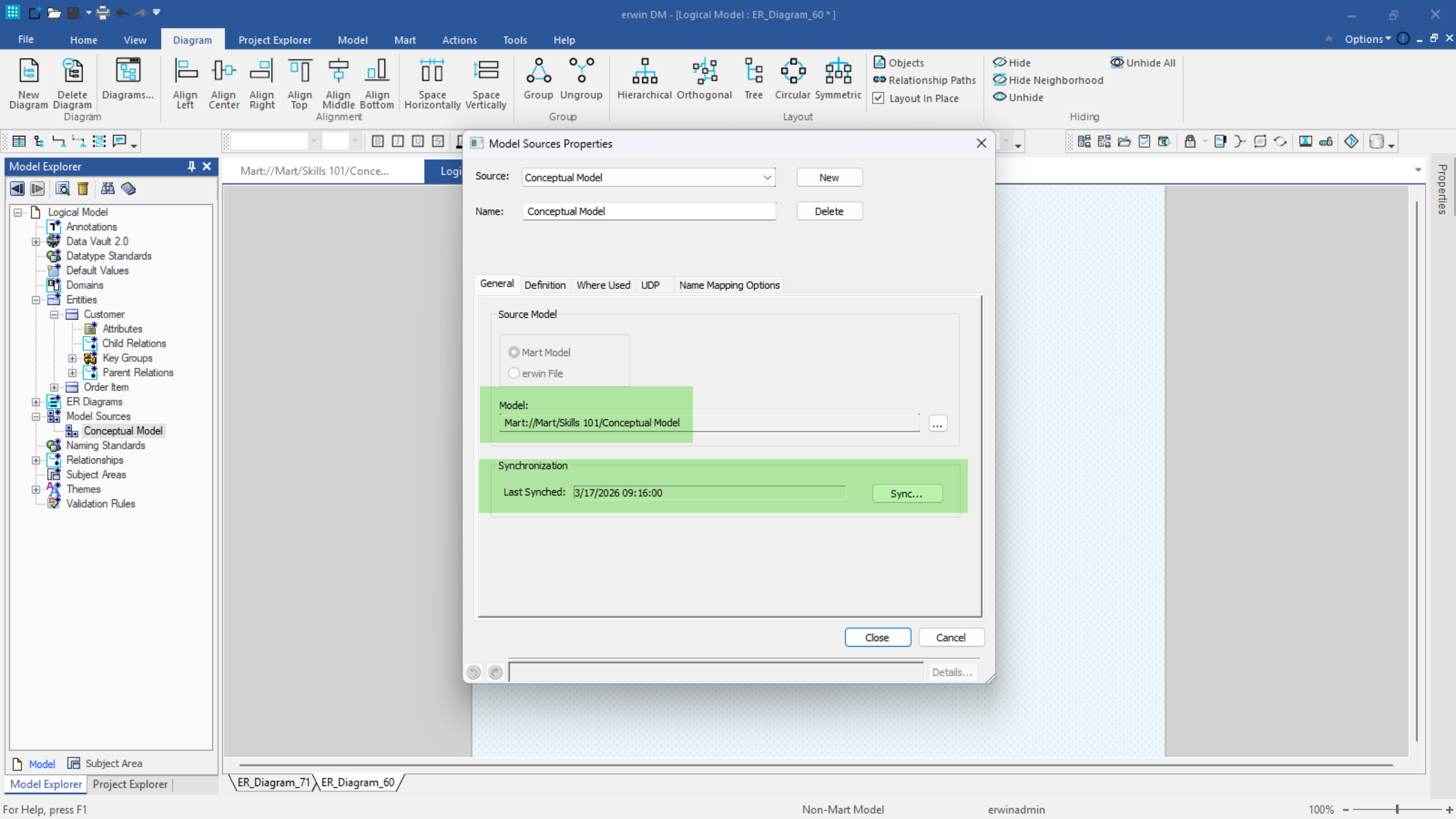
Model Explorer tree view:

- Logical Model
 - Annotations
 - Data Vault 2.0
 - Datatype Standards
 - Default Values
 - Domains
 - Entities
 - Customer
 - Attributes
 - Child Relations
 - Key Groups
 - Parent Relations
 - Order Item
 - ER Diagrams
 - Model Sources
 - Conceptual Model
 - Naming Stand.
 - Relationships
 - Subject Areas
 - Themes
 - Validation Rules

Context menu for Conceptual Model:

- Delete
- Properties...





New Diagram Delete Diagram Diagrams...
 Align Left Align Center Align Right Align Top Align Middle Align Bottom Alignment
 Space Horizontally Space Vertically
 Group Ungroup Group
 Hierarchical Orthogonal Tree Circular Symmetric Layout
 Objects Relationship Paths Layout In Place
 Hide Hide Neighborhood Unhide Unhide All Hiding

Model Explorer

- Logical Model
 - Annotations
 - Data Vault 2.0
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 - Naming Standards
 - Relationships
 - Subject Areas
 - Themes
 - Validation Rules

Mart://Mart/Skills 101/Conce... Logi

Model Sources Properties

Source: Conceptual Model [New]
 Name: Conceptual Model [Delete]

General Definition Where Used UDP Name Mapping Options

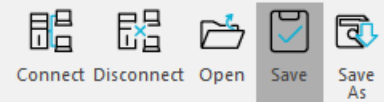
Source Model
 Mart Model
 erwin File

Model:
 Mart://Mart/Skills 101/Conceptual Model [...]

Synchronization
 Last Synched: 3/17/2026 09:16:00 [Sync...]

[Close] [Cancel]

[Details...]



Model Explorer

- Logical Model
 - Annotations
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 - Validation Rules

Save

Catalog:

Name	Creator	Last Modifier	Modified On	Entity/...	Attribu...
Conceptual Model	erwinadmin	erwinadmin	3/17/2026 09:12:00	2	0
Skills 101 AMT	erwinadmin	erwinadmin	2/10/2026 15:50:00	0	0
Skills 101 AMT Domain 99	erwinadmin	erwinadmin	2/11/2026 15:27:00	0	0
Skills 101 Model 1	erwinadmin	erwinadmin	2/10/2026 12:39:00	26	170
Skills 101 Model 1 - Season Two	erwinadmin	erwinadmin	2/10/2026 19:51:00	26	170
Skills 101 Model 1 AMT Applied	erwinadmin	erwinadmin	2/10/2026 16:00:00	26	170
Skills 101 New AMT	erwinadmin	erwinadmin	2/11/2026 08:26:00	0	0

Model Name: Show Templates only

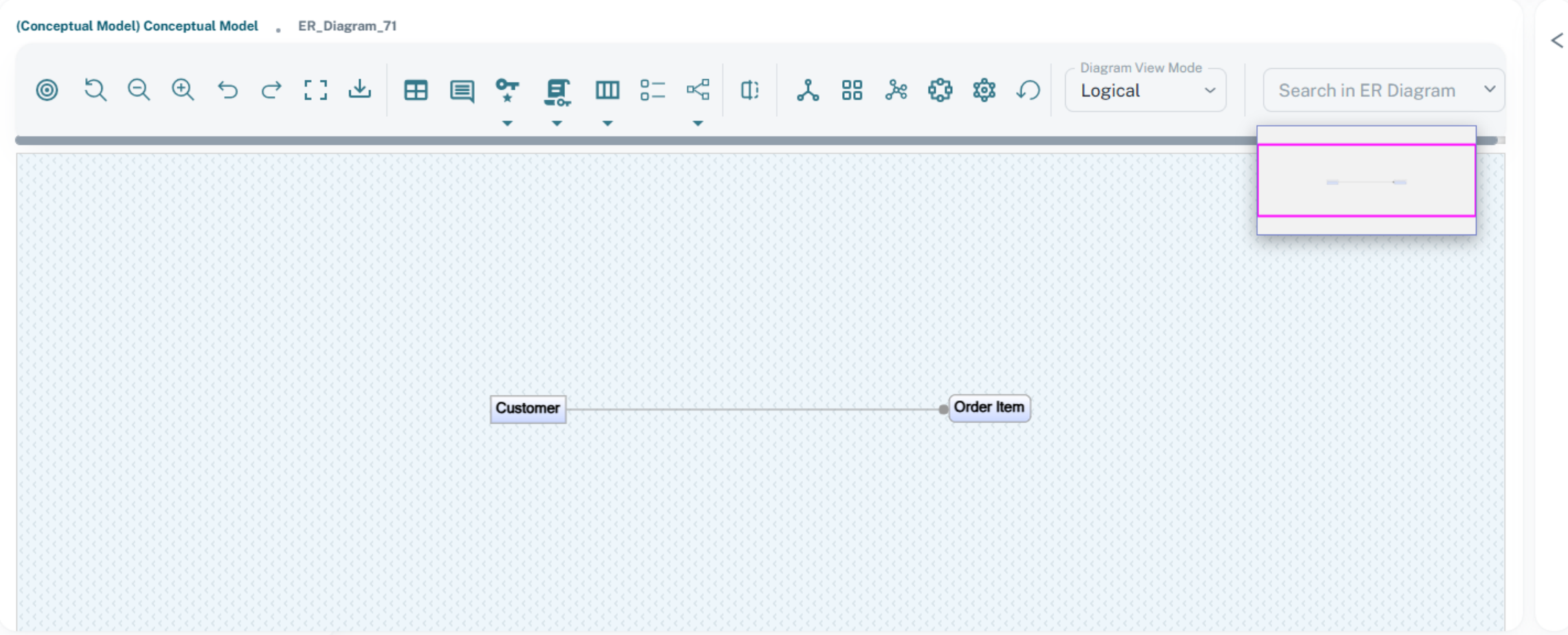
Mark As Template

Maintain Multiple Versions

Description

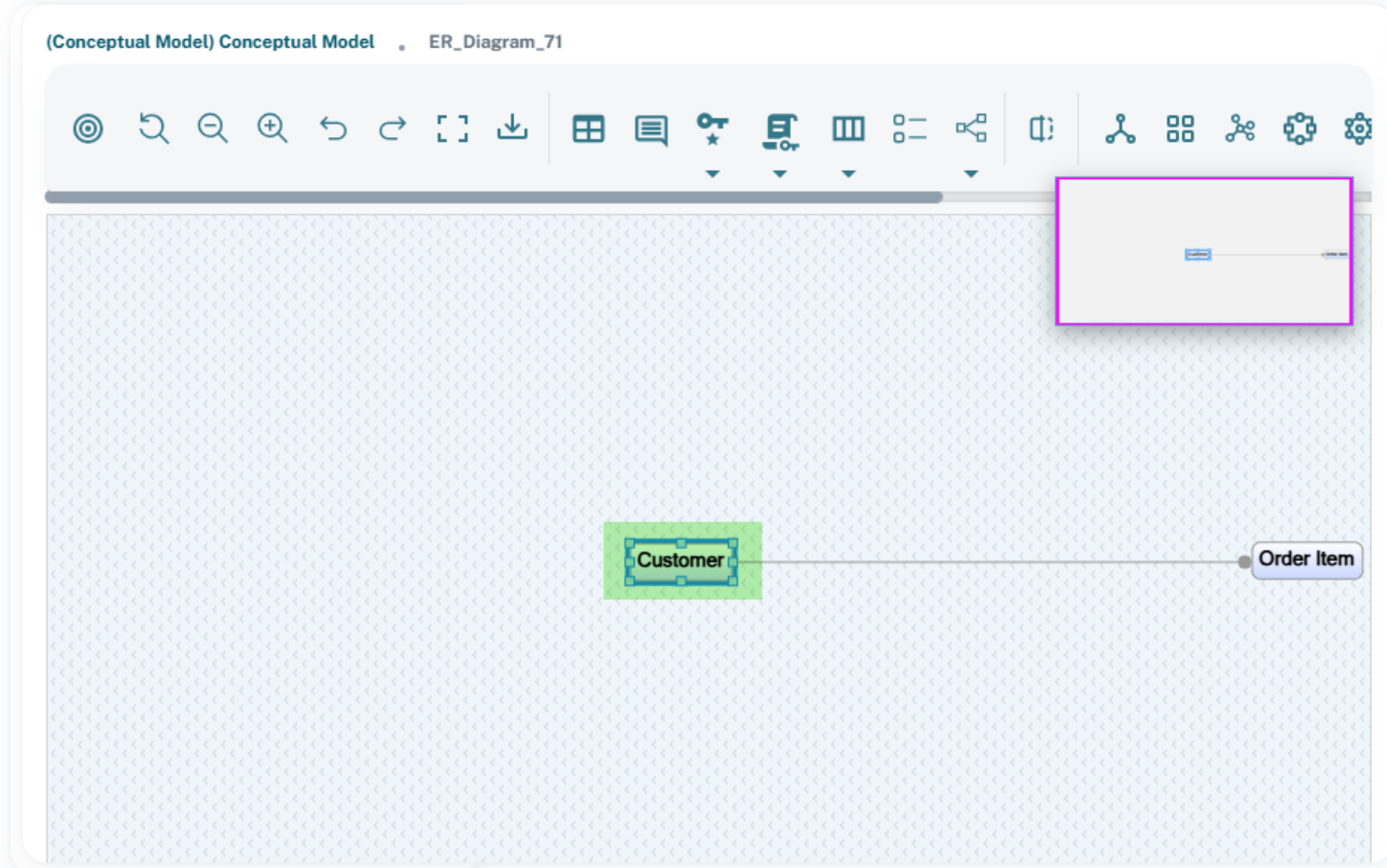
- Home
- Users
- Profiles
- Permissions
- Catalogs
- Browse
- View
- EA
- Collection
- Worksheet
- Devices
- IM
- Settings

Metadata View Mode: Physical View Options: Simple



- Home
- Users
- Profiles
- Permissions
- Catalogs
- Browse
- View
- EA
- Collection
- Worksheet
- Devices
- IM

Metadata View Mode: Physical View Options: Simple



Object Properties

Customer

Name: Customer

Physical Name: Customer

Definition:

Comment:

Open in New Tab

- Home
- Users
- Profiles
- Permissions
- Catalogs
- Browse
- View
- EA
- Collection
- Worksheet
- Devices
- IM
- Settings

Metadata View Mode: Physical View Options: Simple

Catalogs Loaded Catal... ER360

- Advanced Models
- Demonstration Models
- GBQ_SalesProduction
- Model Templates
- Oracle AI World 2025
- Skills 101

(Conceptual Model) Conceptual Model Customer

Object Properties

Name	Value
Name	Customer
Physical Name	Customer
Definition	
Comment	

Rows per page: 5 1-4 of 4

Associated Diagrams

Name
ER_Diagram_71

Rows per page: 5 1-1 of 1

Indexes

Parent Relations

- Home
- Users
- Profiles
- Permissions
- Catalogs
- Browse
- View
- EA
- Collection
- Worksheet
- Devices
- IM

Metadata

View Mode
Physical

View Options
Simple

🔗 📄 📊 🗨️ 📄 📄 🗨️ 📄 📄

- Catalogs
- Loaded Catal... 🔍 ↻ 📄
- ER360
- Advanced Models
 - Demonstration Models
 - GBQ_SalesProduction
 - Model Templates
 - Oracle AI World 2025
 - Skills 101

(Conceptual Model) Conceptual Model Customer

All 0 Comments 0 Endorsements 0 Warnings 0 Certifications 0



Use Standard Definition. No changes

Cancel Post



It's a little quiet right now!



erwin DM UI Enhancements

Reusing Entities as Shortcuts



New

Open

Close

Save

Save As

Recent

New Project

Open Project

Save Project

Close Project

Print

Page Setup

Exit

Recent File List

Mart://Mart/Skills 101/Logical Model

Mart://Mart/Skills 101/Conceptual Model

Mart://Mart/Demonstration Models/AI Generated Models/ReverseEngineer_with_Inferred Relationships

Mart://Mart/Demonstration Models/AI Generated Models/Marketing Model

Mart://Mart/Demonstration Models/Databricks/Databricks Hive Metastore LPDM 4S

Mart://Mart/Demonstration Models/Databricks/Adventureworks DW Databricks UC

Mart://Mart/Demonstration Models/Publication System ER360

Mart://Mart/Publication System ER360 : v4-LOGICAL

Mart://Mart/Demonstration Models/Databricks/Databricks LPDM Samples

Mart://Mart/BROKEN Databricks LPDM Samples



bxhs.erwin_tmpl

C:\Users\AMcGover\OneDrive - Quest\erwin\erwin Data Modeler\erwin Models

Mart://Mart/Publication System ER360

Mart://Mart/Snowflake Sample Data Schema DEMO

Mart://Mart/Oracle AI World/Oracle 21c- Contoso Retail DW

Mart://Mart/Publication System ER360 : v4-PHYSICAL

Mart://Mart/Publication System ER360 : v12-LOGICAL

03/03/2026 02:39 PM

326 KB

File Home View Diagram Project Explorer Model Mart Actions Tools Help

Connect Disconnect Open Save Save As No Lock Catalog Manager Merge Review Refresh Session Manager Password Manager Git Connections DBT Integration

Model Explorer Mart://Mart/Skills 101/Conce... Mart://Mart/Skills 101/Logical... Logical

Model Explorer

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 - Subject Areas
 - Themes
 - Validation Rules

New Model

Type

Conceptual Logical Logical/Physical Match template

Target Server

Match template target server

Database: PostgreSQL Version: 16.x

Predefined List:

Template

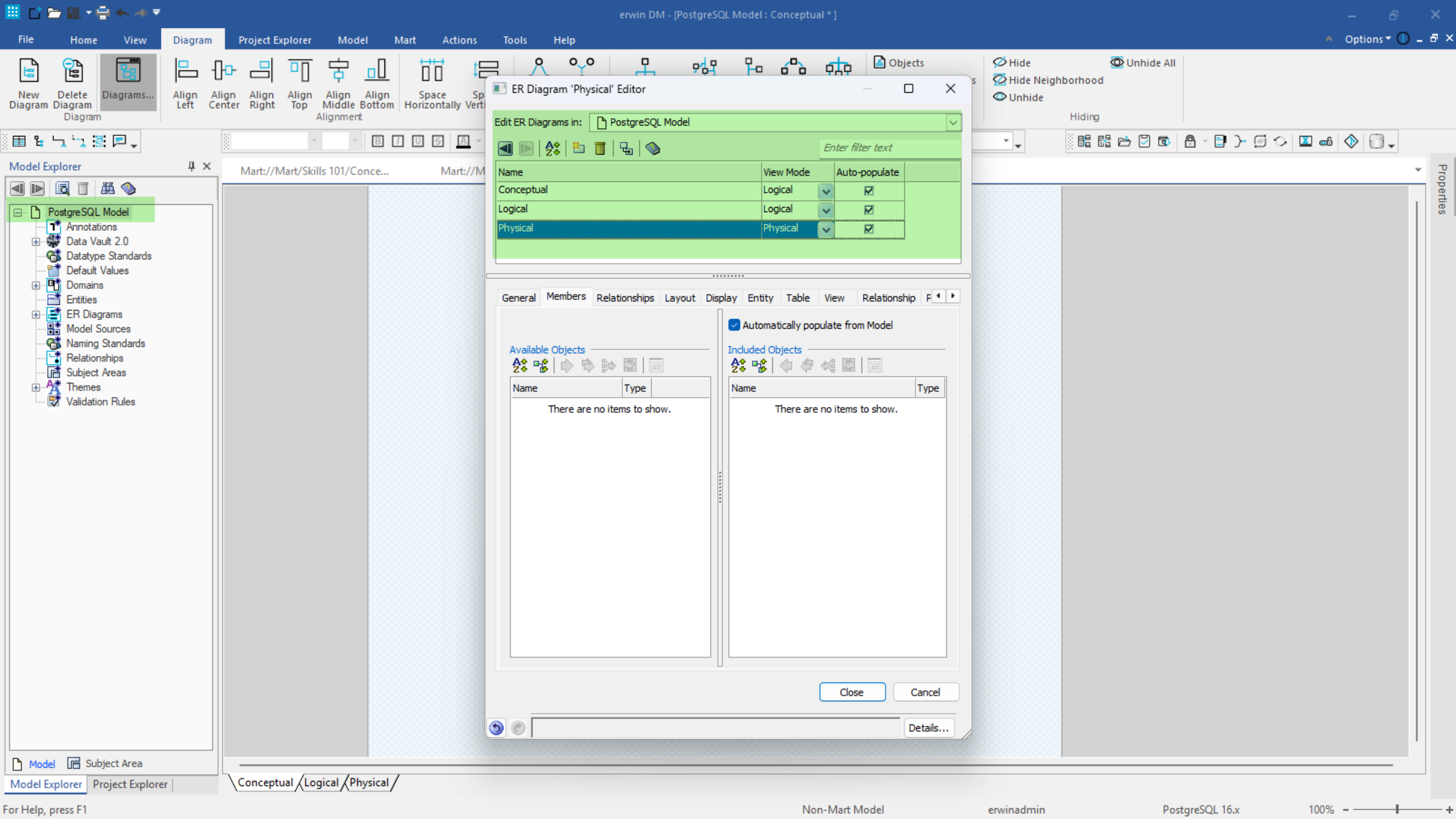
<Default>

Preserve the template binding

AI data model

AI Execute

OK Cancel



New Diagram Delete Diagram Diagrams...
Align Left Align Center Align Right Align Top Align Middle Align Bottom Alignment
Space Horizontally Vertically

Model Explorer

- PostgreSQL Model
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ER Diagram 'Physical' Editor

Edit ER Diagrams in: PostgreSQL Model

Enter filter text

Name	View Mode	Auto-populate
Conceptual	Logical	<input checked="" type="checkbox"/>
Logical	Logical	<input checked="" type="checkbox"/>
Physical	Physical	<input checked="" type="checkbox"/>

General Members Relationships Layout Display Entity Table View Relationship

Automatically populate from Model

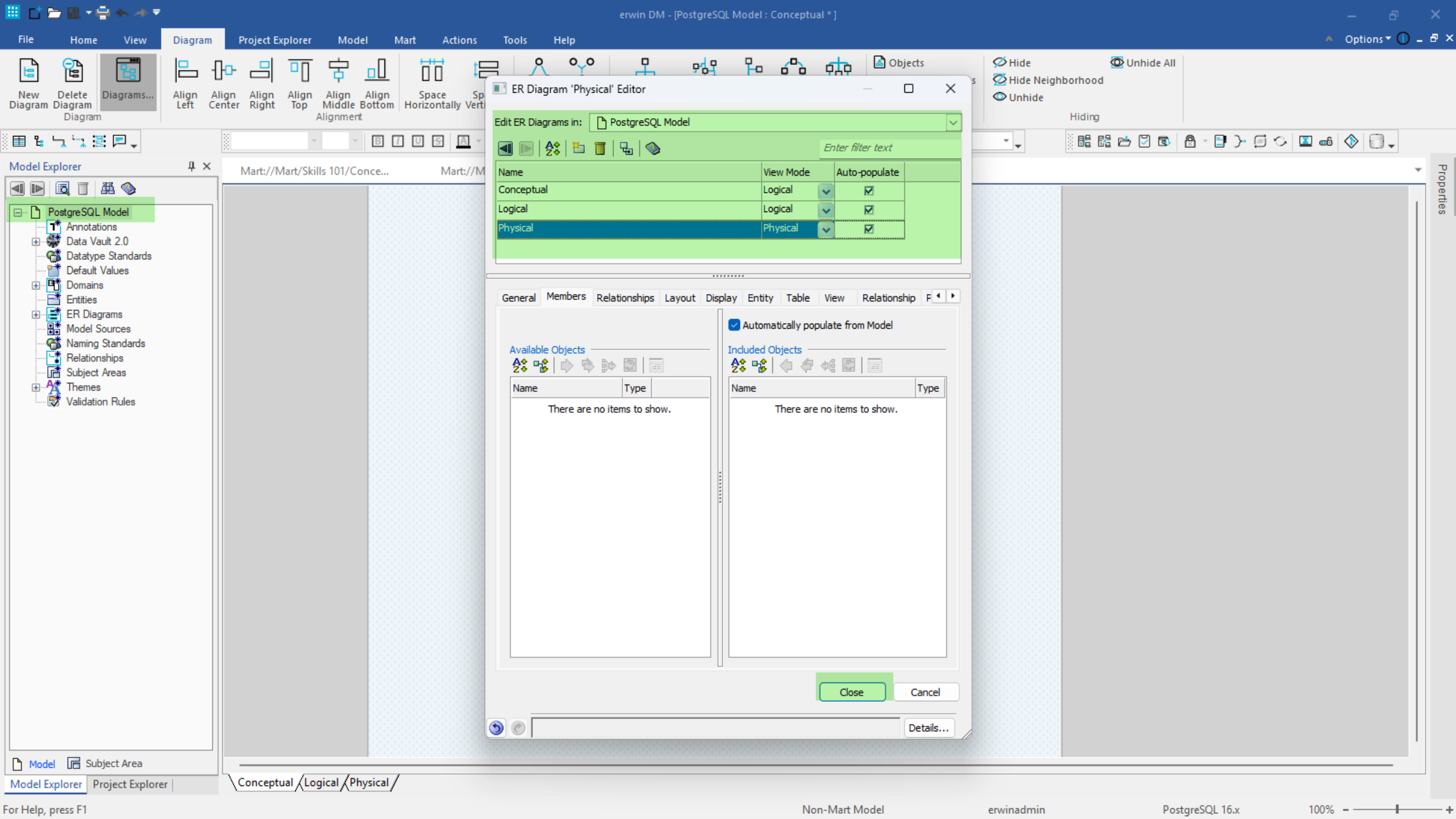
Available Objects

Name	Type
There are no items to show.	

Included Objects

Name	Type
There are no items to show.	

Close Cancel Details...



ER Diagram 'Physical' Editor

Edit ER Diagrams in: PostgreSQL Model

Name	View Mode	Auto-populate
Conceptual	Logical	<input checked="" type="checkbox"/>
Logical	Logical	<input checked="" type="checkbox"/>
Physical	Physical	<input checked="" type="checkbox"/>

General Members Relationships Layout Display Entity Table View Relationship

Automatically populate from Model

Available Objects

Name	Type
There are no items to show.	

Included Objects

Name	Type
There are no items to show.	

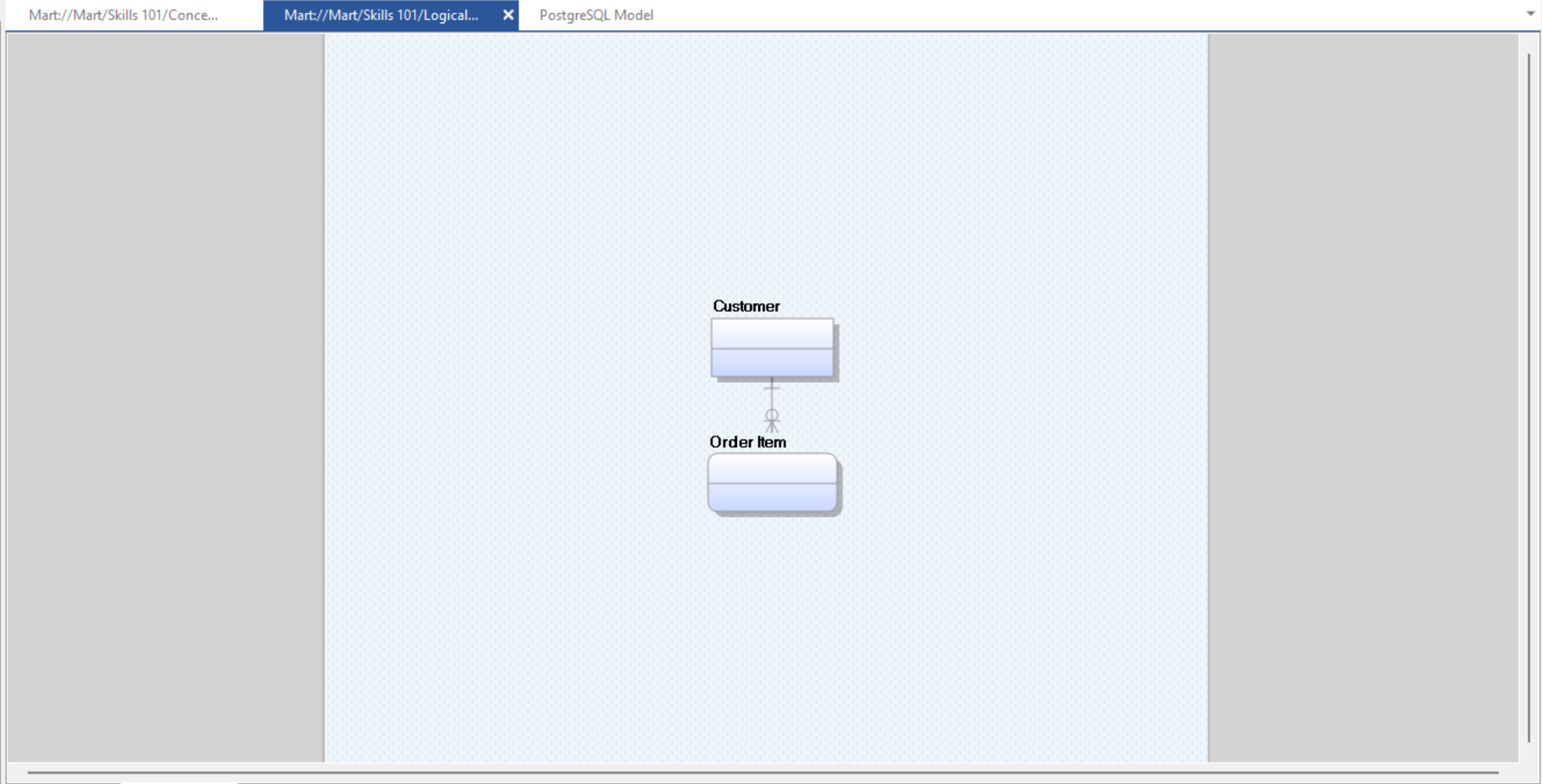
Close Cancel

Details...

Model Templates Entity Sub-Category Identifying Non-Identifying Many-to-Many Annotation Drawing Clipboard Editing Data Vault 2.0

Model Explorer Mart://Mart/Skills 101/Conce... Mart://Mart/Skills 101/Logical... PostgreSQL Model

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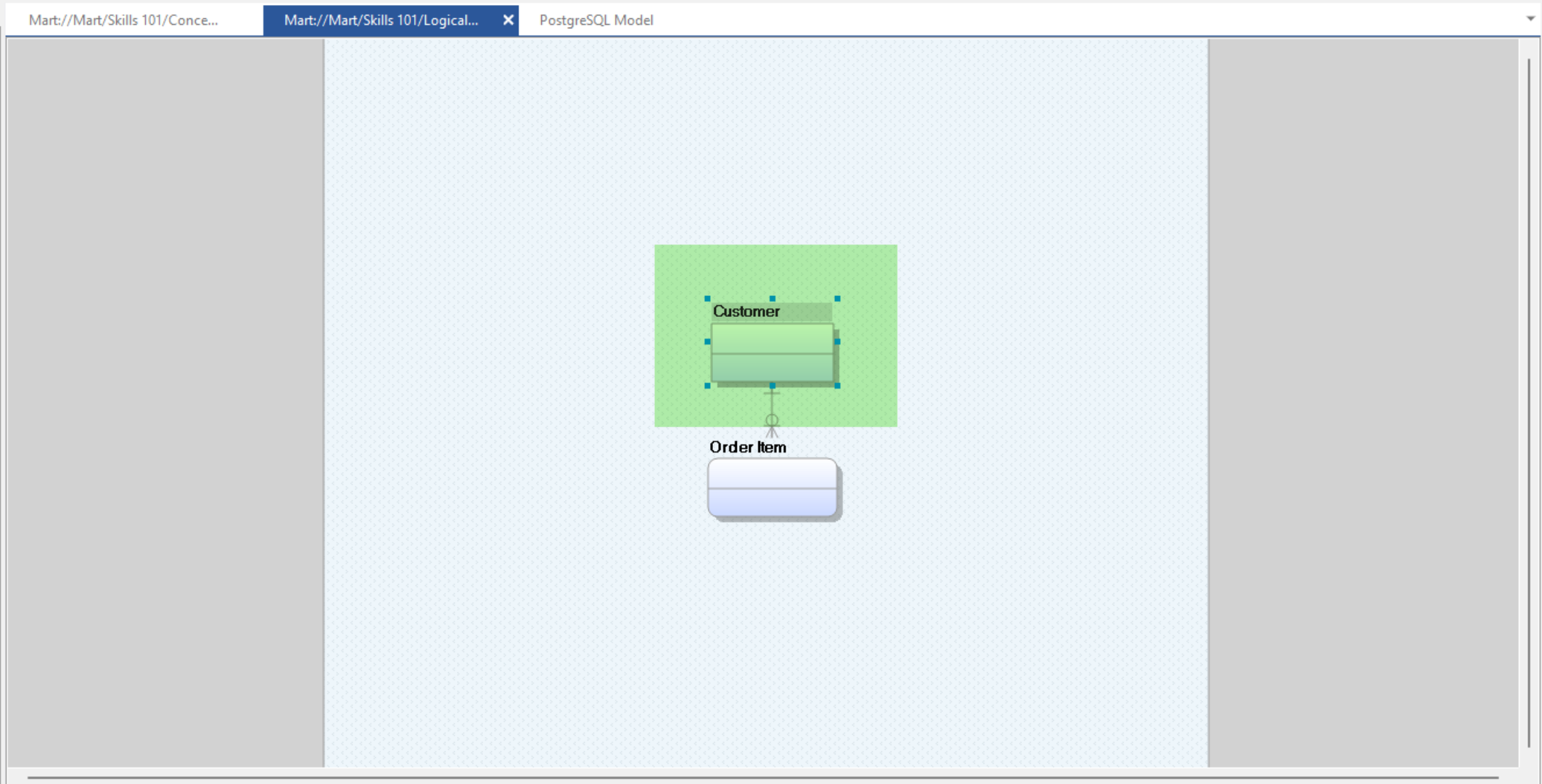


Model Templates Entity Sub-Category Identifying Non-Identifying Many-to-Many Annotation Drawing Clipboard Editing Data Vault 2.0

Microsoft Sans 10 Bold Italic Underline Strikethrough Font Color Background Color Paragraph Alignment Bulleted List Numbered List Link Unlink Logical

Model Explorer

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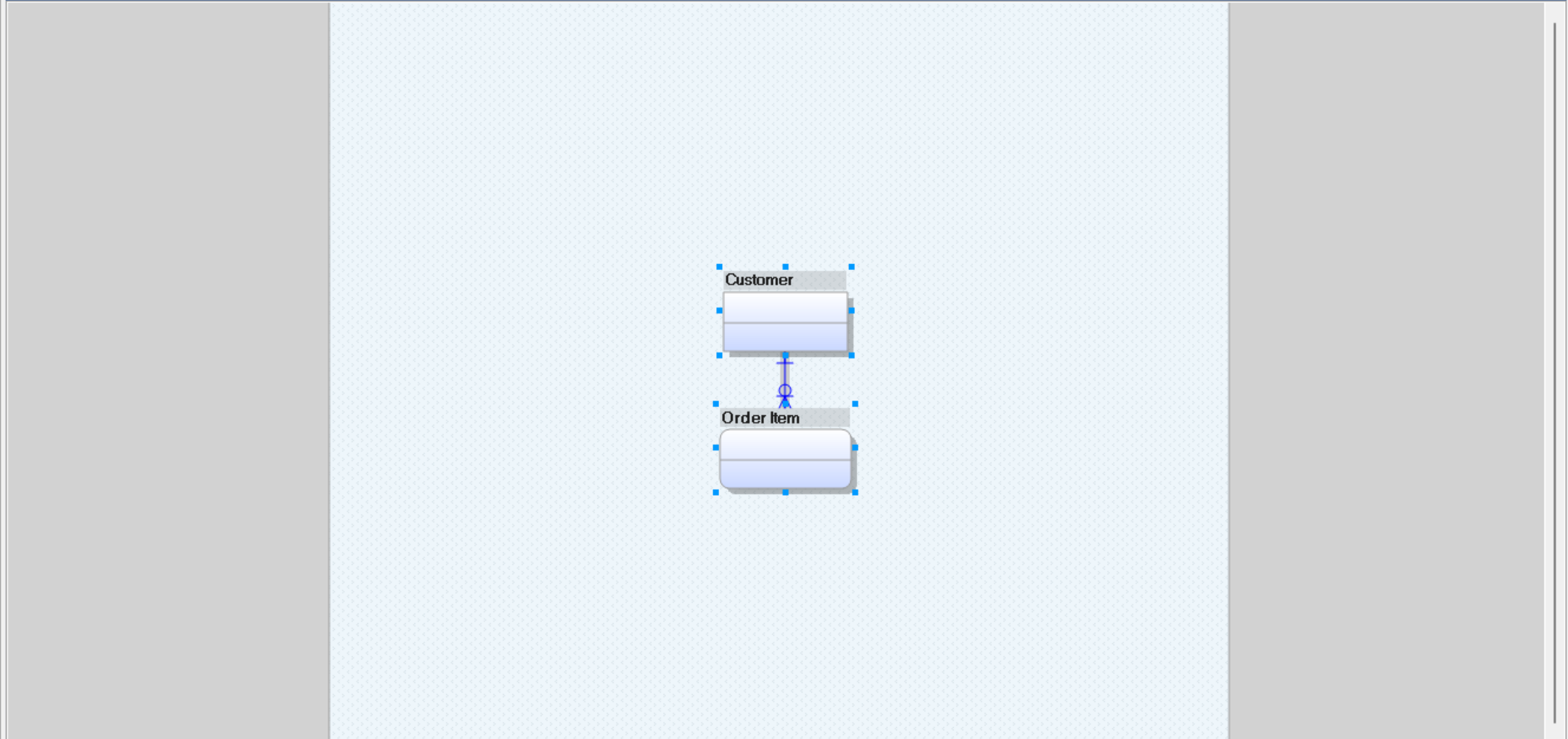
Model Templates Entity Sub-Category Identifying Non-Identifying Many-to-Many Annotation Drawing Clipboard Editing Data Vault 2.0

Copy Neighborhood

Microsoft Sans 10 Logical

Model Explorer Mart://Mart/Skills 101/Conce... Mart://Mart/Skills 101/Logical... PostgreSQL Model

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Model Templates Entity Sub-Category Identifying Non-Identifying Many-to-Many Annotation

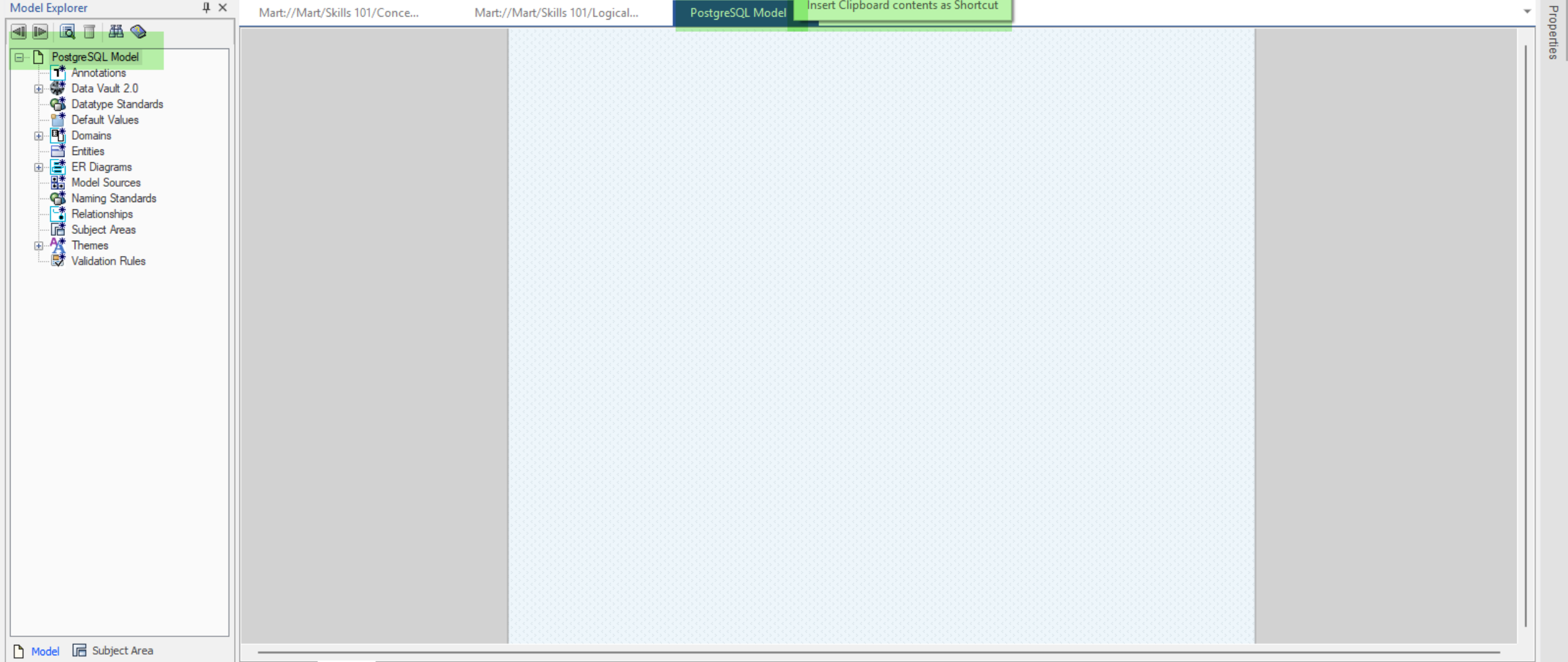
Toolbox Drawing Clipboard Editing Data Vault 2.0

Cut Copy Paste Copy Family Paste as Shortcut Copy Neighborhood Delete Go To... Find Replace Hub Link Bridge PIT Reference Satellite

Model Explorer PostgreSQL Model Annotations Data Vault 2.0 Datatype Standards Default Values Domains Entities ER Diagrams Model Sources Naming Standards Relationships Subject Areas Themes Validation Rules

Mart://Mart/Skills 101/Conce... Mart://Mart/Skills 101/Logical... PostgreSQL Model

Paste as Shortcut Insert Clipboard contents as Shortcut



Model Templates Entity Sub-Category Identifying Non-Identifying Many-to-Many Annotation

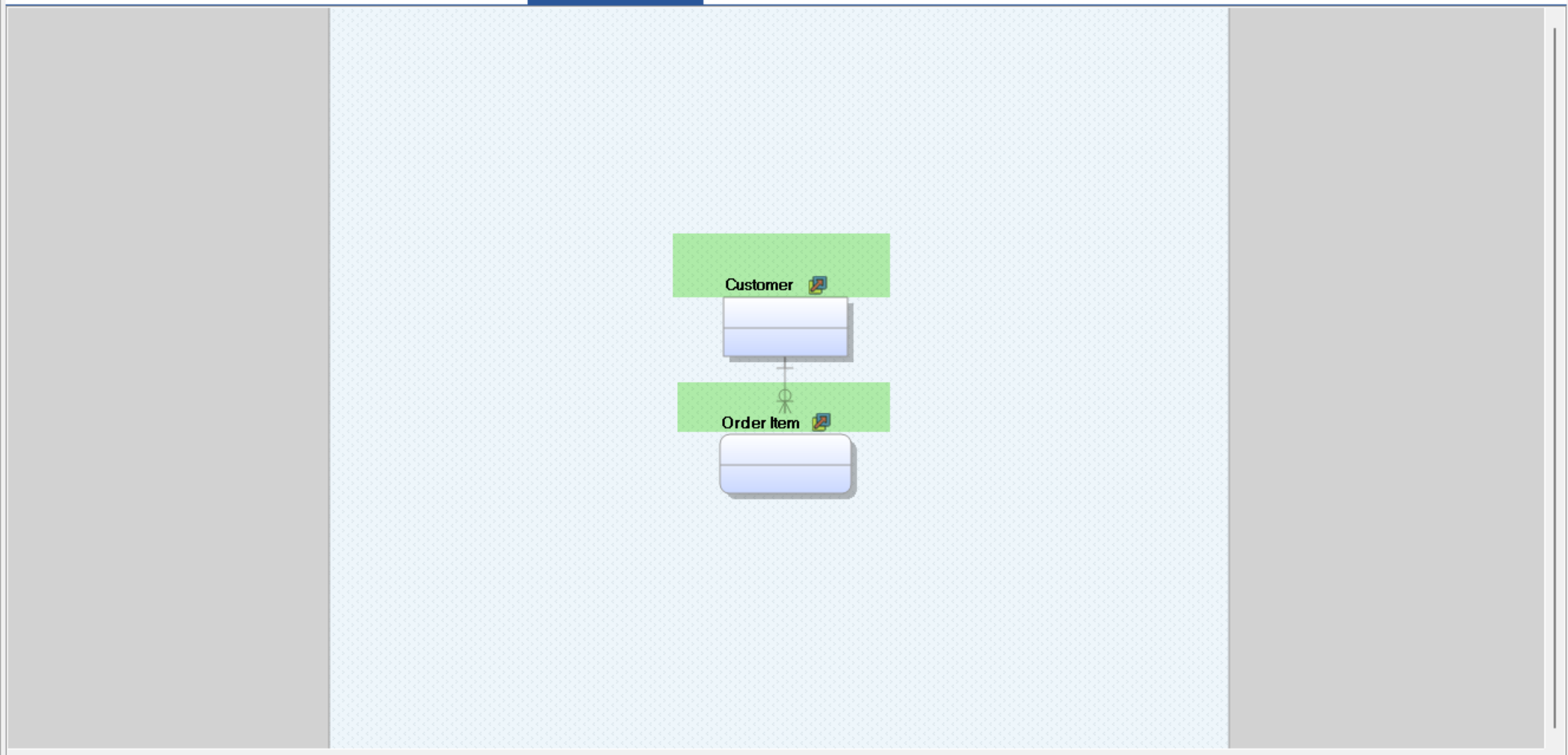
Toolbox Drawing Clipboard Editing Data Vault 2.0

Copy Family Paste as Shortcut Copy Neighborhood Delete

Go To... Find Replace Hub Link Bridge PIT Reference Satellite

Model Explorer PostgreSQL Model Annotations Data Vault 2.0 Datatype Standards Default Values Domains Entities ER Diagrams Model Sources Naming Standards Relationships Subject Areas Themes Validation Rules

Mart://Mart/Skills 101/Conce... Mart://Mart/Skills 101/Logical... PostgreSQL Model



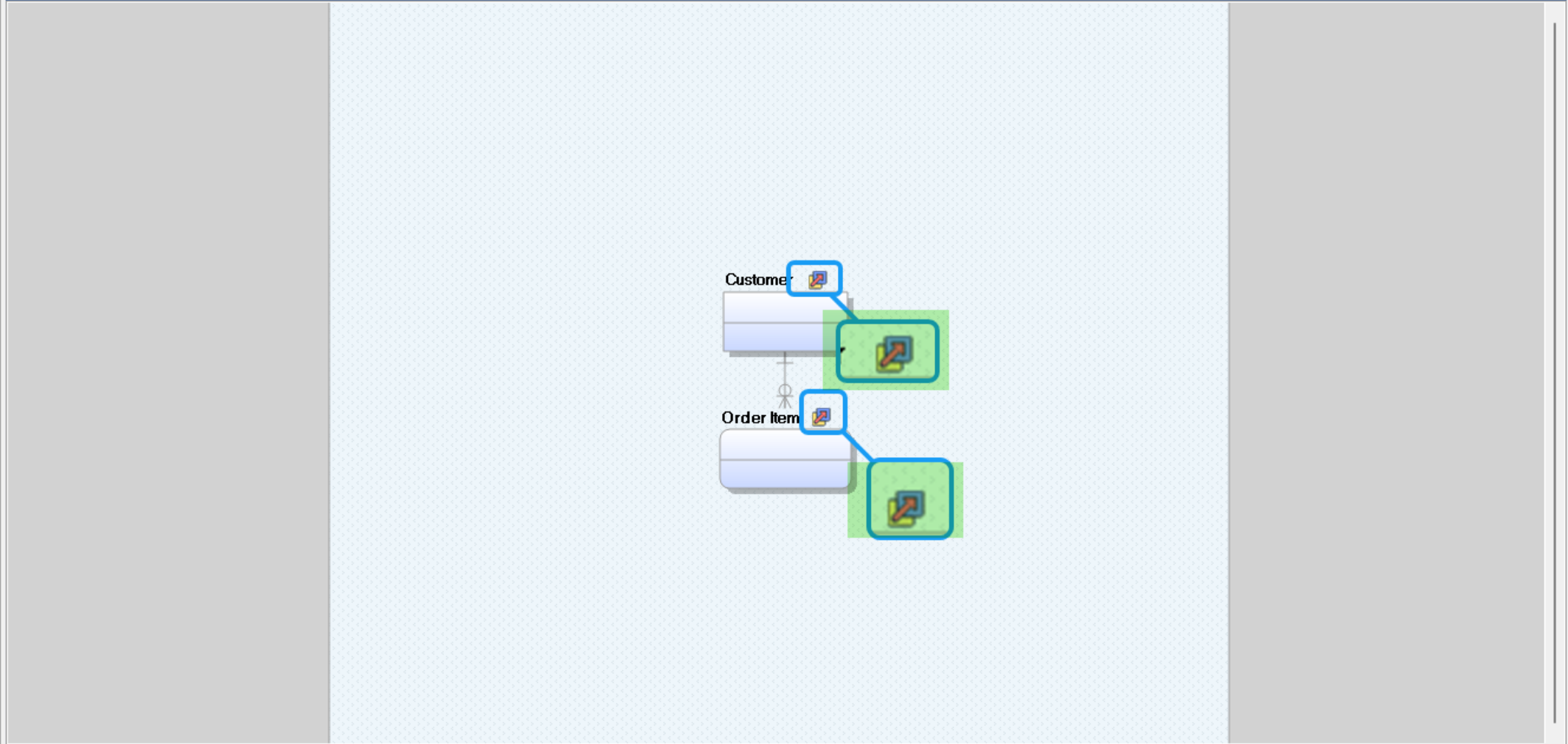
Model Templates Entity Sub-Category Identifying Non-Identifying Many-to-Many Annotation

Toolbox Drawing Clipboard Editing Data Vault 2.0

Hub Link Bridge Satellite

Logical

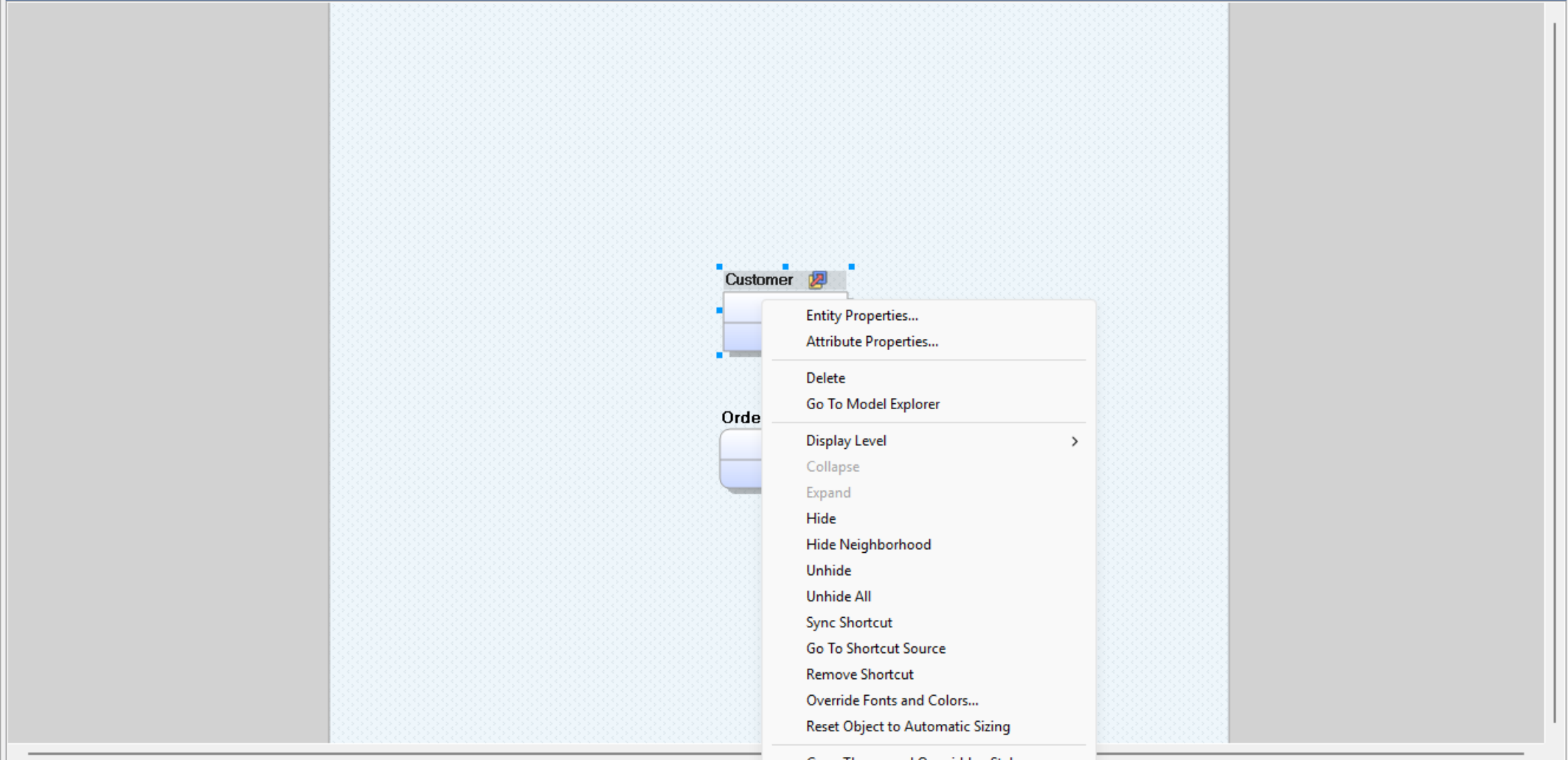
- PostgreSQL Model
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Model Templates Entity Sub-Category Identifying Non-Identifying Many-to-Many Annotation Drawing Clipboard Editing Data Vault 2.0

Microsoft Sans 10 Logical

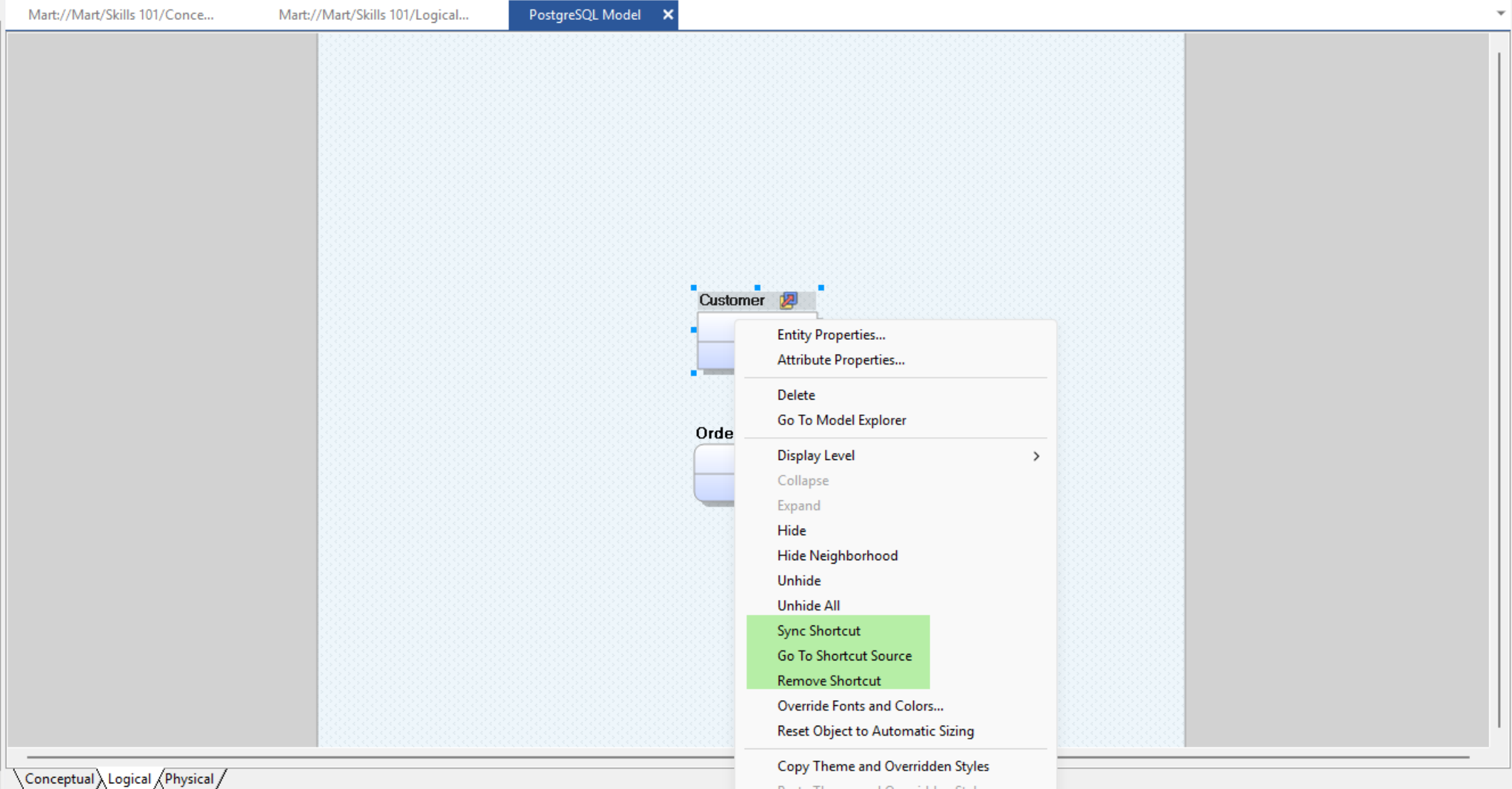
PostgreSQL Model Annotations Data Vault 2.0 Datatype Standards Default Values Domains Entities ER Diagrams Model Sources Naming Standards Relationships Subject Areas Themes Validation Rules



Model Templates Entity Sub-Category Identifying Non-Identifying Many-to-Many Annotation Drawing Clipboard Editing Data Vault 2.0

Microsoft Sans 10 Logical

Model Explorer PostgreSQL Model Annotations Data Vault 2.0 Datatype Standards Default Values Domains Entities ER Diagrams Model Sources Naming Standards Relationships Subject Areas Themes Validation Rules

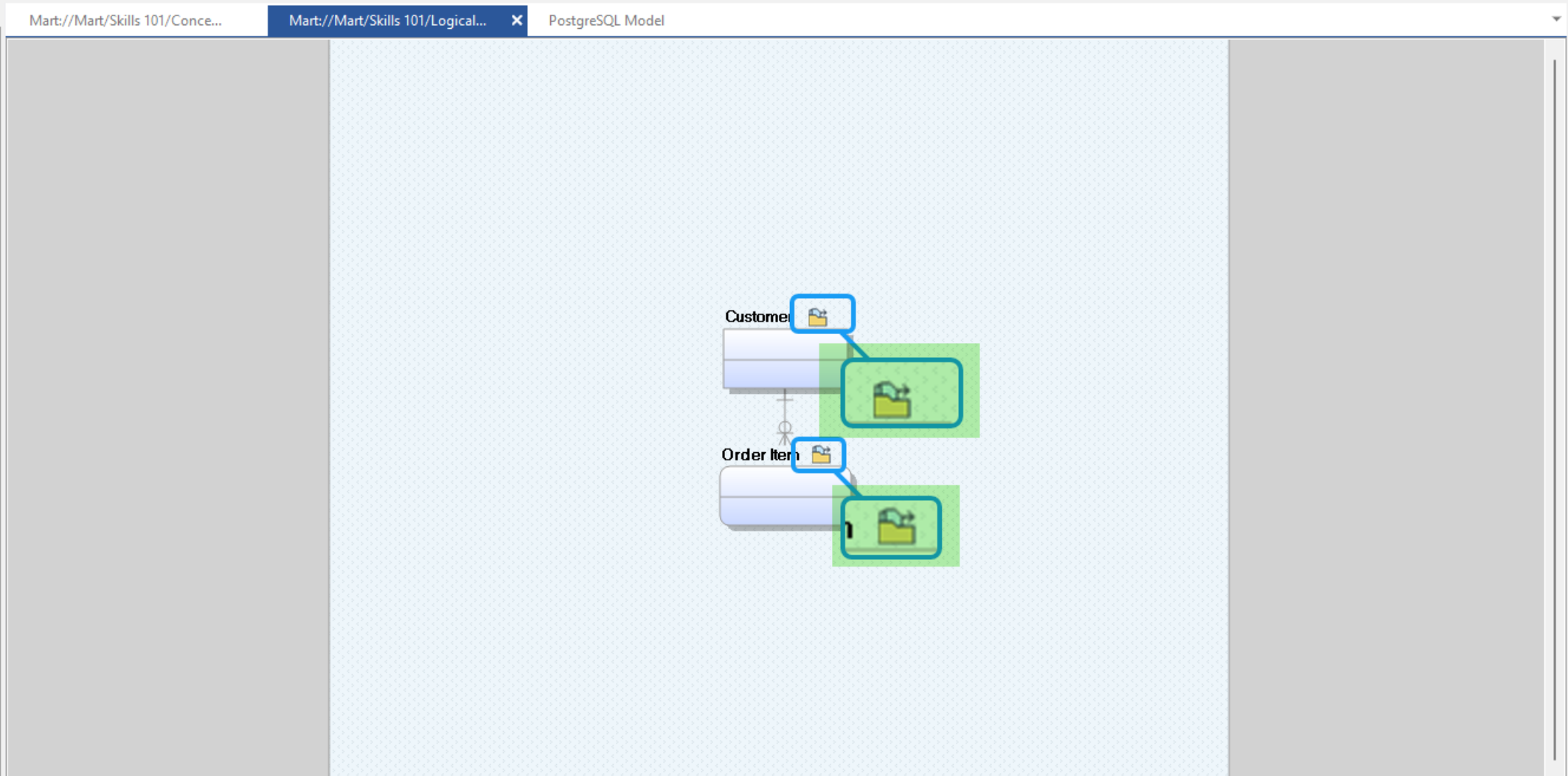


Model Templates Entity Sub-Category Identifying Non-Identifying Many-to-Many Annotation Drawing Clipboard Editing Data Vault 2.0

Logical

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Model Templates Entity Sub-Category Identifying Non-Identifying Many-to-Many Annotation

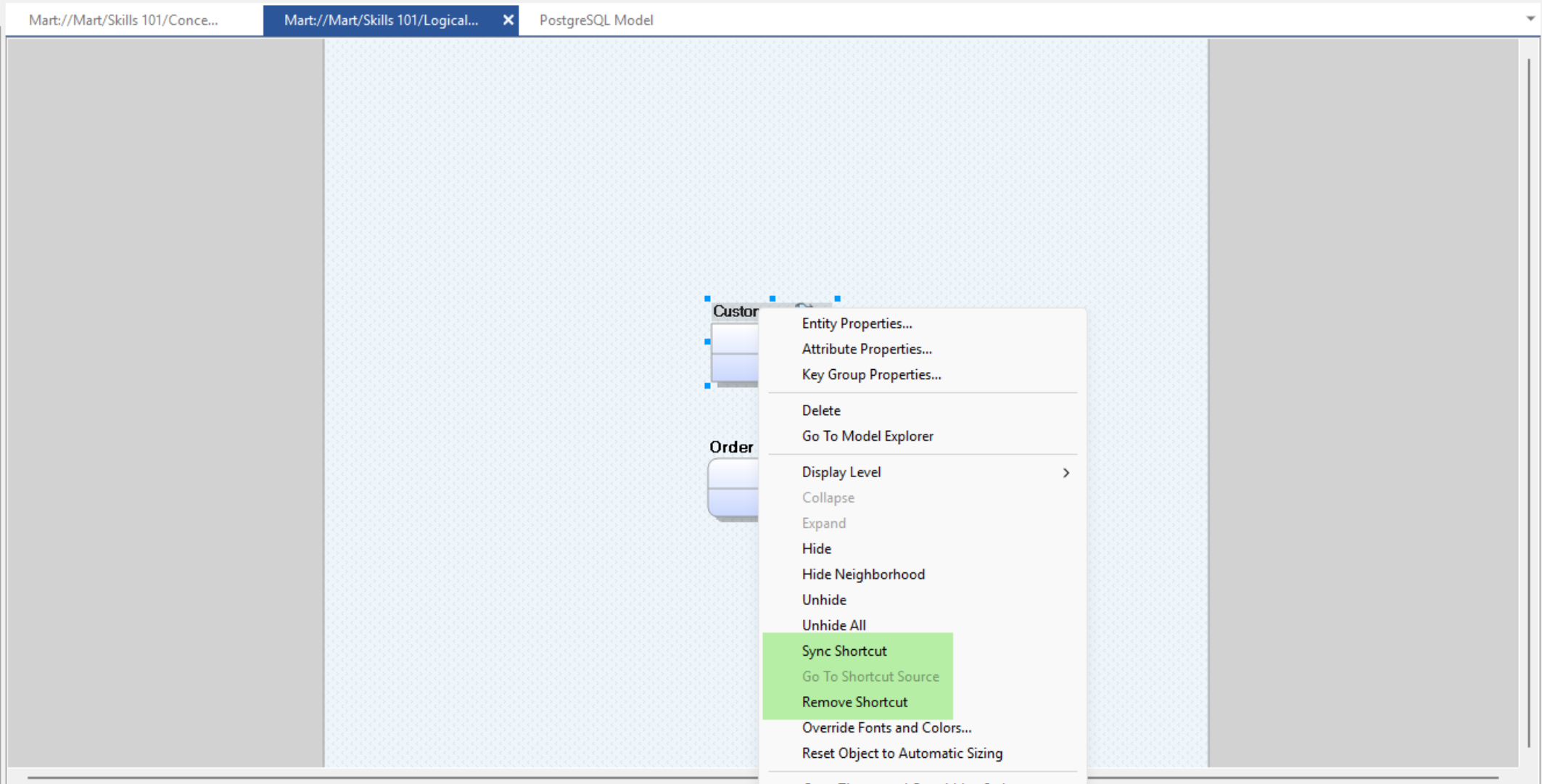
Toolbox Drawing Clipboard Editing Data Vault 2.0

Copy Family Paste as Shortcut Delete Copy Copy Neighborhood Copy Replace Find Replace Go To... Find Link Reference Hub PIT Bridge Satellite

Microsoft Sans 10 Bold Italic Underline Strikethrough Font Color Background Color Text Color Logical

Model Explorer

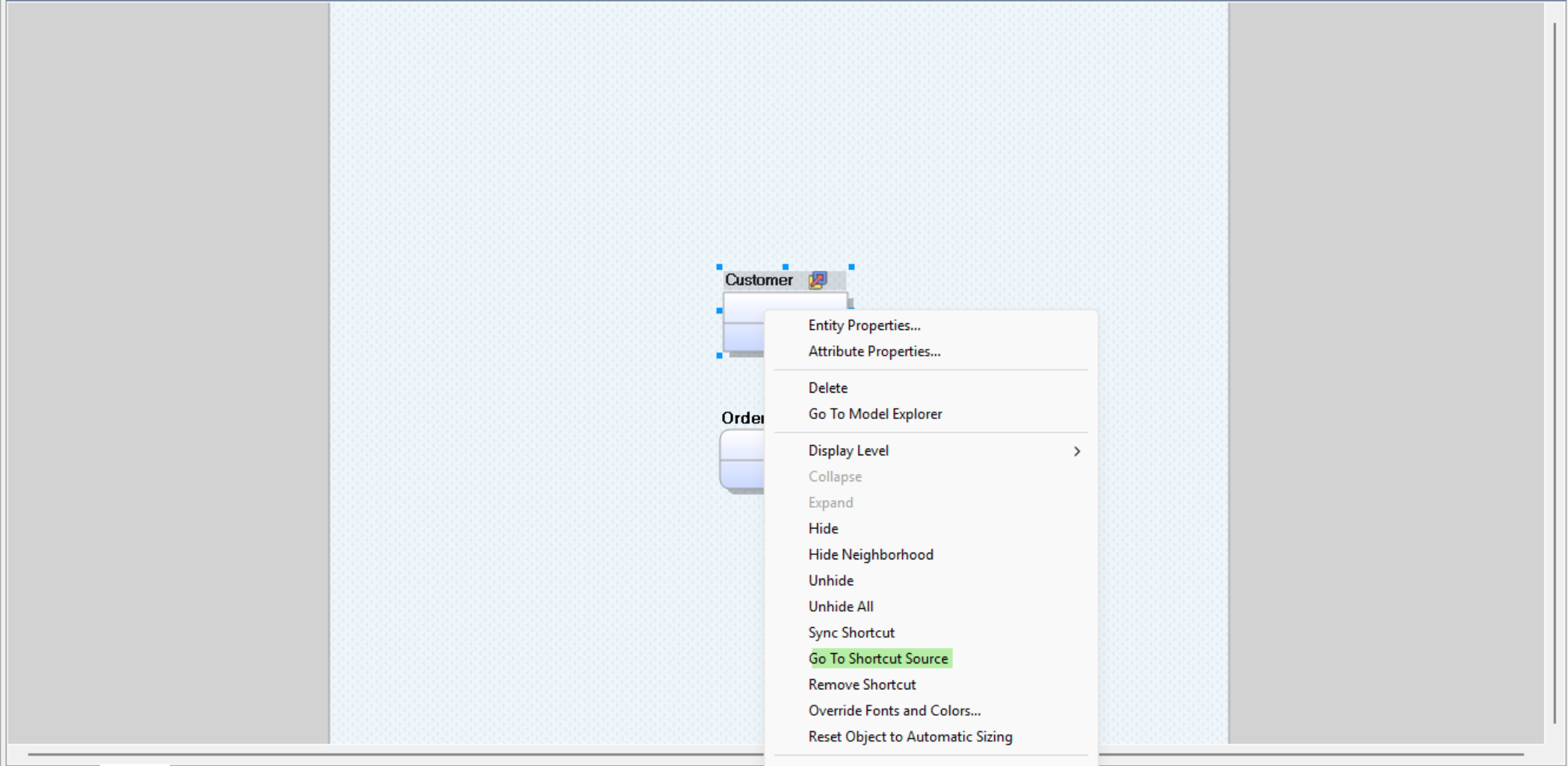
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Model Templates Entity Sub-Category Identifying Non-Identifying Many-to-Many Annotation
Toolbox Drawing Clipboard Editing Data Vault 2.0

Microsoft Sans 10 Logical

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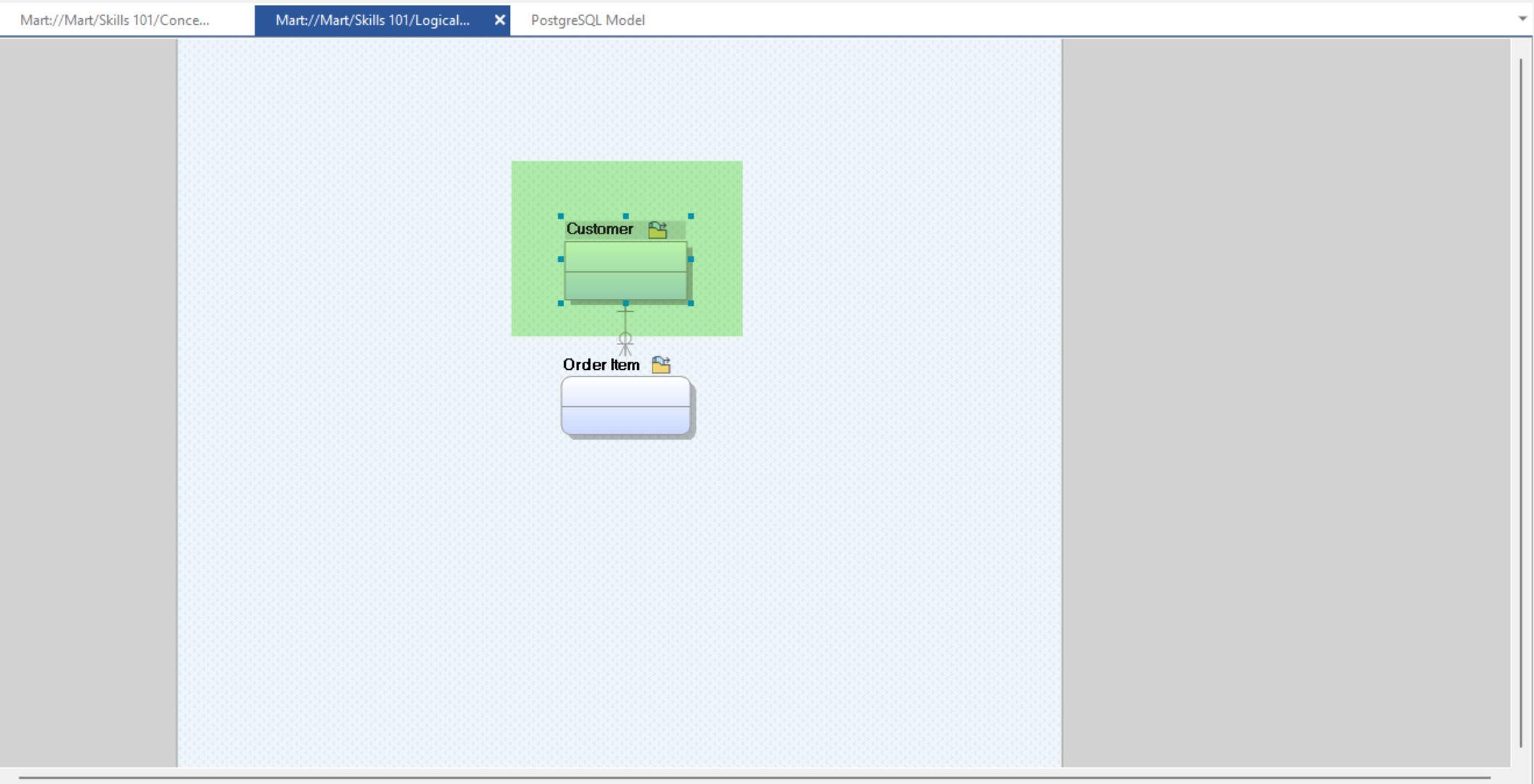


Model Templates Entity Sub-Category Identifying Non-Identifying Many-to-Many Annotation Drawing Clipboard Editing Data Vault 2.0

Microsoft Sans 10 Bold Italic Underline Strikethrough Font Color Background Color Text Color Paragraph Alignment Bulleted List Numbered List Indentation Decrease Indentation Increase Zoom In Zoom Out Full Screen Refresh Undo Redo Save Print Lock Hide Grid Show Grid

Model Explorer

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Properties



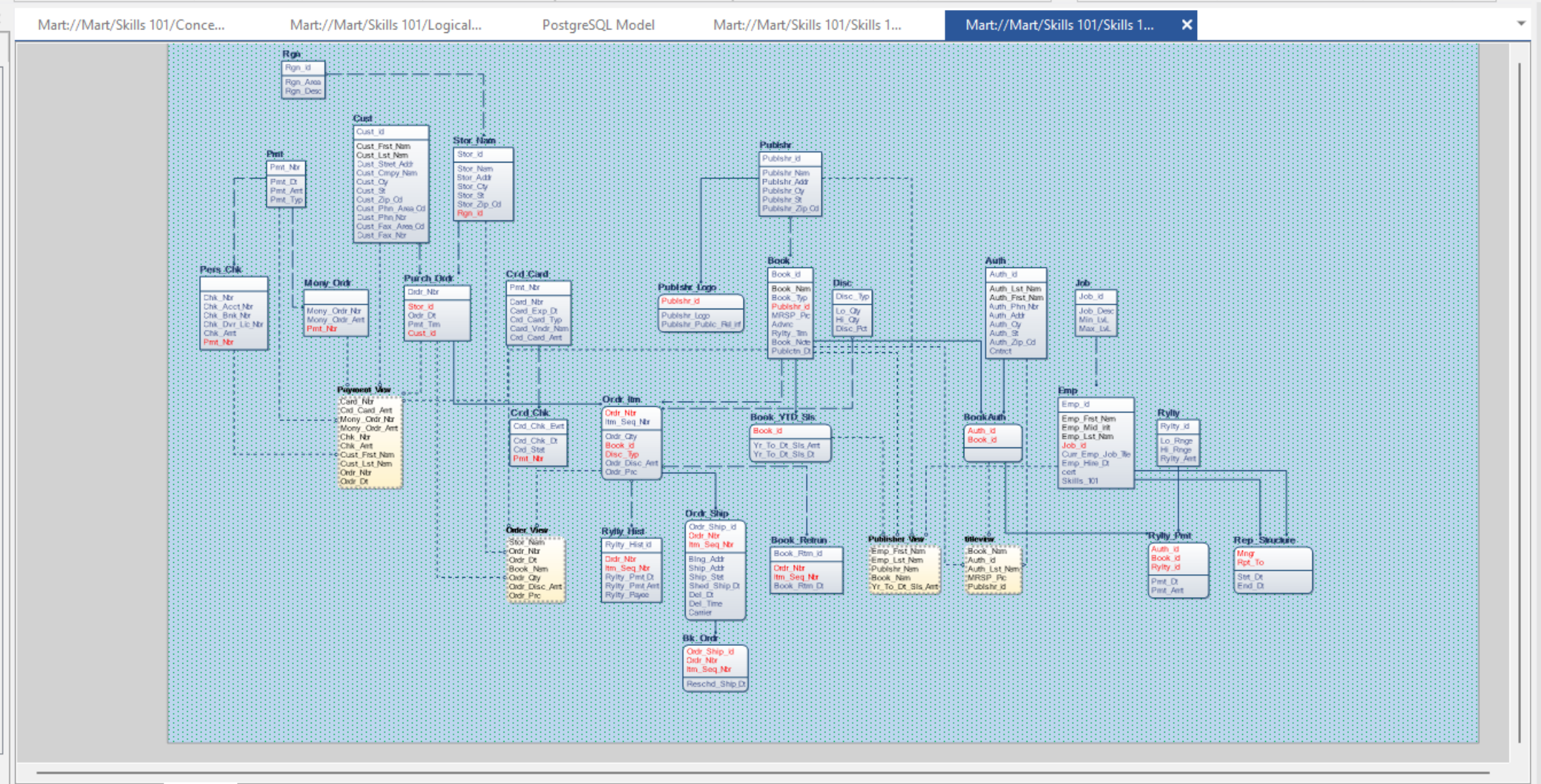
erwin Data Modeler Enhancements

DBT Integration

Connect Disconnect Open Save Save As No Lock Catalog Manager Merge Review Refresh Session Manager Password Manager Git Connections DBT Integration

Model Explorer Mart Mart://Mart/Skills 101/Conce... Mart://Mart/Skills 101/Logical... PostgreSQL Model Mart://Mart/Skills 101/Skills 1... Mart://Mart/Skills 101/Skills 1... Physical

Model Explorer Skills 101 Model 1
Aggregates
Always Encrypted Keys
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Asymmetric Keys
Certificates
Credentials
Cryptographic Providers
Data Movement Rules
Data Movement Sources
Data Vault 2.0
Database Audit Specificati...
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External Libraries
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Fulltext Stoplists
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Logins
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Naming Standards
Partition Functions
Partition Schemes
Permissions
Relationships





Skills 101 Model 1

- Aggregates
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- Partition Schemes
- Permissions
- Relationships

Conceptual Logical Physical

DBT Integration Manager

File details for DBT Integration
Share File Details for DBT Integration

File Details

Preview

File Format :

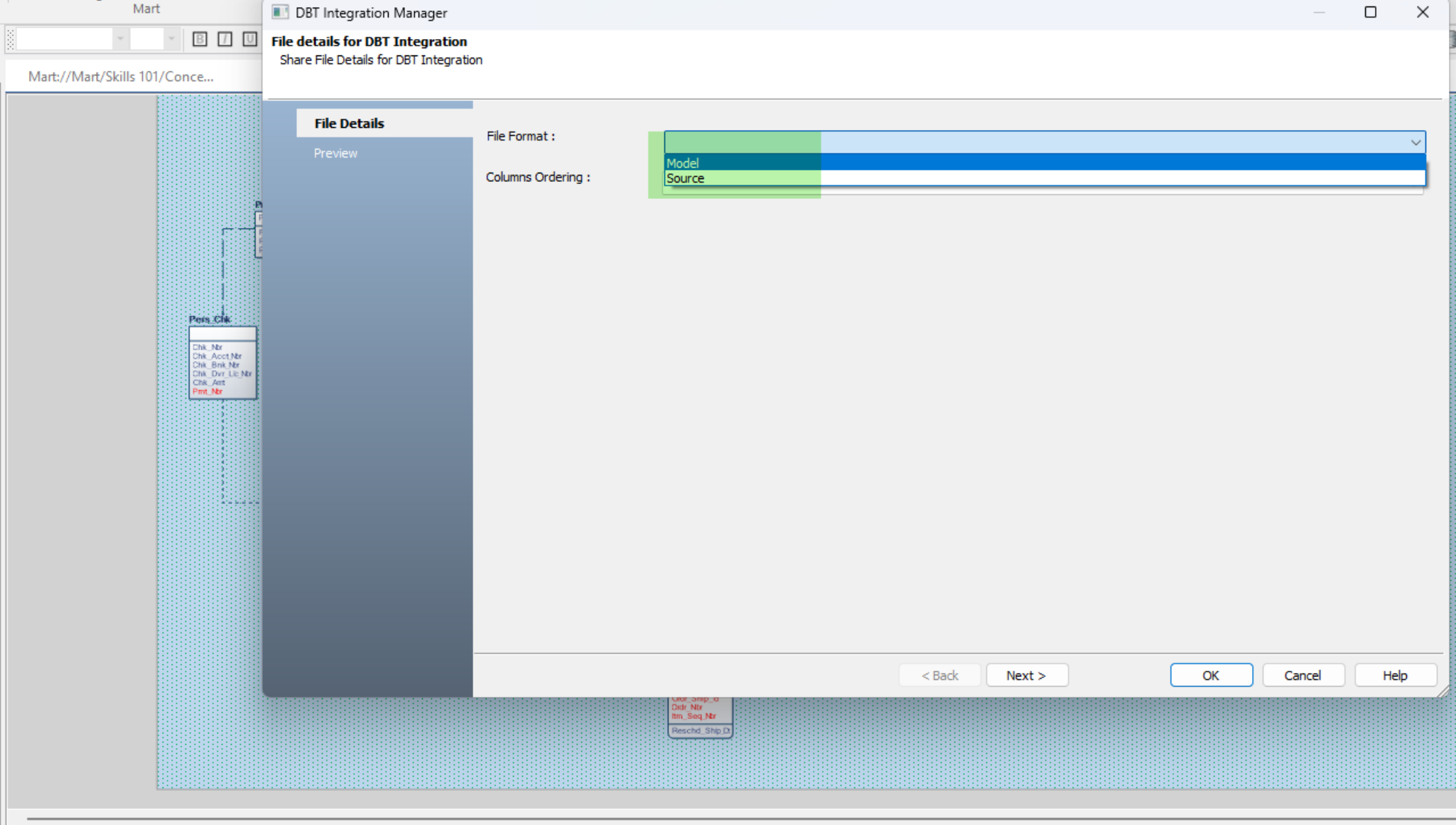
Columns Ordering :

< Back Next > OK Cancel Help



Model Explorer

- Skills 101 Model 1
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 - Partition Schemes
 - Permissions
 - Relationships



DBT Integration Manager

File details for DBT Integration
Share File Details for DBT Integration

File Details

Preview

File Format :

Columns Ordering :

< Back Next > OK Cancel Help



Mart Mart

Model Explorer Mart://Mart/Skills 101/Conce... DBT Integration Manager File details for DBT Integration Share File Details for DBT Integration

Skills 101 Model 1

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Peris_Clk

Chk_Nbr
Chk_Acct_Nbr
Chk_Bnk_Nbr
Chk_Drv_Lic_Nbr
Chk_Asst
Print_Nbr

File Format : Model

Columns Ordering :

- Attributes_Order_Ref
- Columns_Order_Ref
- Physical_Columns_Order_Ref

< Back Next > OK Cancel Help



Mart Mart

Model Explorer Mart://Mart/Skills 101/Conce...

Skills 101 Model 1

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Conceptual Logical Physical

DBT Integration Manager

File details for DBT Integration
Share File Details for DBT Integration

File Details

Preview

File Format : Model

Columns Ordering : Physical_Columns_Order_Ref

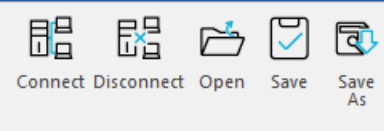
< Back Next > OK Cancel Help

Peris_Clk

- Chk_Nbr
- Chk_Accnt_Nbr
- Chk_Bnk_Nbr
- Chk_Drv_Lic_Nbr
- Chk_Asst
- Prnt_Nbr

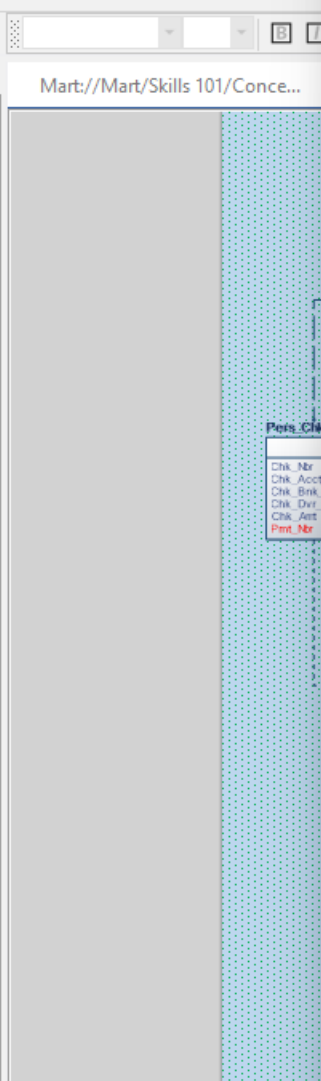
Order_Smp_01

- Distr_Nbr
- Itm_Seq_Nbr
- Reschd_Ship_Dt



DBT Integration Manager
DBT Generation Preview
This page provides a preview of the DBT Generation.

- Model Explorer
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 - Assemblies
 - Asymmetric Keys
 - Certificates
 - Credentials
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 - Database Encryption Keys
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 - ER Diagrams
 - External Data Sources
 - External File Formats
 - External Languages
 - External Libraries
 - Files
 - Fulltext Catalogs
 - Fulltext Stoplists
 - Functions
 - Logins
 - Model Sources
 - Naming Standards
 - Partition Functions
 - Partition Schemes
 - Permissions
 - Relationships



File Details

Preview

```

1  version : 2
2  models:
3    - name: Back_Order
4      columns:
5        - name: Rescheduled_Shipping_Date
6          data_type: datetime
7        - name: Order_Shipping_Identifier
8          data_type: char
9      tests:
10     - unique
11     - not_null
12     - relationships:
13       to: ref('Order_Shipping')
14       field: Order_Shipping_Identifier
15   - name: Order_Number
16     data_type: int
17     tests:
18     - unique
19     - not_null
20     - relationships:
21       to: ref('Order_Shipping')
22       field: Order_Number
23   - name: Item_Sequence_Number
24     data_type: int
25     tests:
26     - unique
27     - not_null
28     - relationships:
29       to: ref('Order_Shipping')
30       field: Item_Sequence_Number
31   - name: Book_Return
32     columns:
33     - name: Book_Return_Identifier
  
```

< Back Next > OK Cancel Help



erwin Data Modeler Enhancements

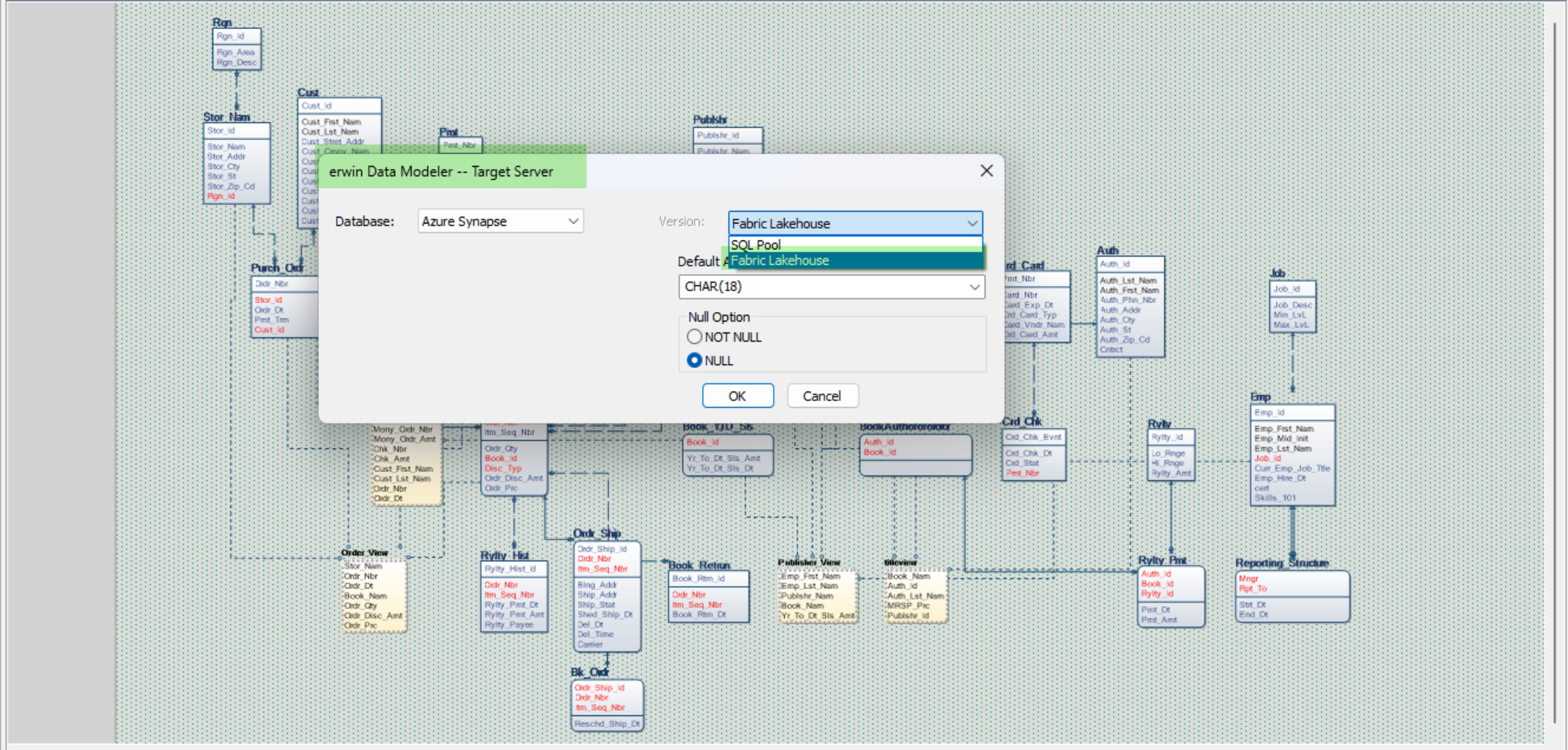
Fabric Lakehouse

Target Database Database Connection Database Reverse Engineer Reverse Engineer Configuration Schema... Alter Script... Check Model Templates... Hierarchical View Embedded View

Physical

Model Explorer Skills 101 AMT Model 99

- Aggregates
- Always Encrypted Keys
- Annotations
- Application Roles
- Assemblies
- Asymmetric Keys
- Certificates
- Cryptographic Providers
- Data Movement Rules
- Data Movement Sources
- Data Vault 2.0
- Database Audit Specificati...
- Database Encryption Keys
- Database Roles
- Databases
- Datatype Standards
- Default Values
- Domains
- ER Diagrams
- External Data Sources
- External File Formats
- External Languages
- External Libraries
- Files
- Fulltext Catalogs
- Fulltext Stoplists
- Functions
- Logins
- Model Sources
- Naming Standards
- Partition Functions
- Partition Schemes
- Permissions
- Relationships

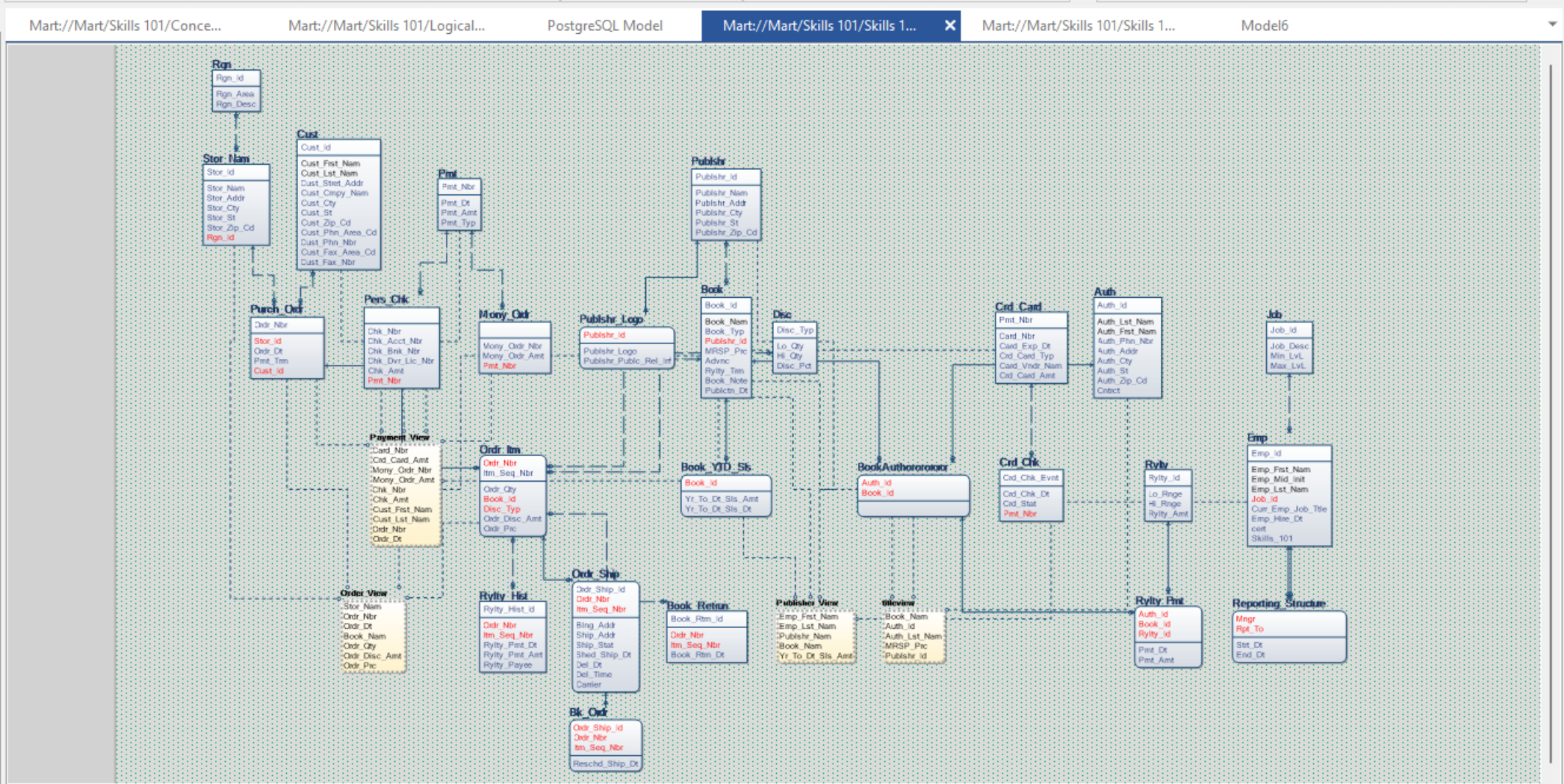


Transformations Complete Compare Manage Snapshots Design Layers Target Database Database Connection Engineer Reverse Engineer Reverse Engineer Configuration Schema... Alter Script... Check Model Forward Engineer Hierarchical View Embedded View

Model Explorer Mart://Mart/Skills 101/Conce... Mart://Mart/Skills 101/Logical... PostgreSQL Model Mart://Mart/Skills 101/Skills 1... Mart://Mart/Skills 101/Skills 1... Model6

Model Explorer

- Skills 101 AMT Model 99
 - Annotations
 - Data Movement Rules
 - Data Movement Sources
 - Data Vault 2.0
 - Databases
 - Datatype Standards
 - Default Values
 - Domains
 - ER Diagrams
 - Functions
 - Model Sources
 - Naming Standards
 - Relationships
 - Schemas
 - Script Templates
 - Subject Areas
 - Tables
 - Themes
 - Views



Transformations Complete Compare Manage Snapshots

Forward Engineer Schema Generation Wizard

Schema Generation Preview
This page provides a preview of the Forward Engineer Schema Generation.

Model Explorer

- Skills 101 AMT Model 99
 - Annotations
 - Data Movement Rules
 - Data Movement Sources
 - Data Vault 2.0
 - Databases
 - Datatype Standards
 - Default Values
 - Domains
 - ER Diagrams
 - Functions
 - Model Sources
 - Naming Standards
 - Relationships
 - Schemas
 - Script Templates
 - Subject Areas
 - Tables
 - Themes
 - Views

- Overview
- Option Selection
- Summary
- Owner Override
- Object Filter
- Preview**

```
1  
2 CREATE TABLE Auth  
3 (  
4     Auth_Id char(9),  
5     Auth_Lst_Nam varchar(25),  
6     Auth_Frst_Nam varchar(15),  
7     Auth_Phn_Nbr int,  
8     Auth_Addr varchar(25),  
9     Auth_Cty varchar(20),  
10    Auth_St varchar(4),  
11    Auth_Zip_Cd varchar(9),  
12    Cntrct smallint  
13 );  
14  
15 CREATE TABLE Bk_Ordr  
16 (  
17     Reschd_Ship_Dt timestamp,  
18     Ordr_Ship_Id char(9),  
19     Ordr_Nbr int,  
20     Itm_Seq_Nbr int  
21 );  
22  
23 CREATE TABLE Book  
24 (  
25     Book_Id char(9),  
26     Book_Nam varchar(80),  
27     Book_Typ char(20),  
28     Publshr_Id char(9),  
29     MRSP_Prc decimal(19,4),  
30     Advnc decimal(19,4),  
31     Rylty_Trm int,  
32     Book_Note varchar(200),  
33     Publcntn_Dt timestamp  
34 );  
35
```

< Back Next > Generate OK Cancel Help




erwin DM ER360 Enhancements Worksheets



Good Morning, er360_PowerUser!


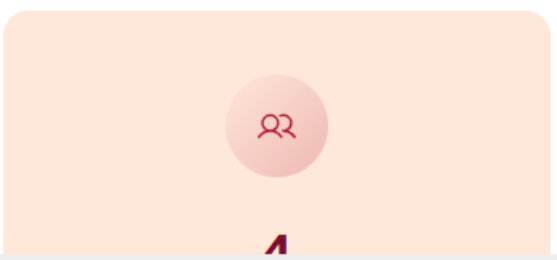
erwin ER360 provides unified and central visuals of your erwin Data Models to help you manage, review, and govern your on-premises or SaaS 'On Cloud Mart' data models. It provides self-service access to visualization and detailed metadata classification to encourage business teams, governance teams, and other stakeholders to collaborate and increase data literacy.



PRINCIPLES

Vision

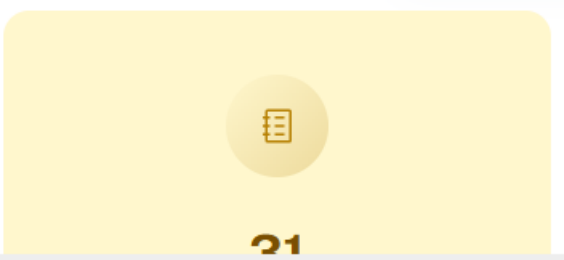
A culture that values data enterprise wide and ensures the security and integrity of all data assets, data uses and data related processes while maximizing the value and utility of our data to support decision making.

1



1



21

Worksheet Explorer

Personal

Tuesday

Shared

- Oracle Customer Columns
- Peoplesoft - Department Data Dictionary
- Publication System Data Dictionary

Properties

Select object

Select worksheet to see results

- Home
- Users
- Profiles
- Permissions
- Catalogs
- Browse
- View
- EA
- Collection
- Worksheet**
- Devices
- IM
- Settings

Worksheets Home > Worksheets


Worksheet Explorer

Personal

Tuesday

Shared

- Oracle Customer Columns
- Peoplesoft - Department Data Dictionary
- Publication System Data Dictionary



Select worksheet to see results

Add Worksheet ✕

Name

Description

Save

Worksheets Home > Worksheets + Add Worksheet

Worksheet Explorer

Personal

Tuesday

Skills 101

Shared

Oracle Customer Columns

Peoplesoft - Department Data Dictionary

Publication System Data Dictionary

Filters

Search

Categories

Select Categories

Models

Select Models

1-10 of 30499

1 2 3 4 5 ... 3050

Search...

Filters Density

Export

ORDER BY Name ASC

Name	Object Type	Context
<No Name>	N/A	Publication System LPDM JSON
<No Name>	N/A	Publication System LPDM JSON
<No Name>	N/A	Publication System LPDM SQL
<No Name>	N/A	Publication System LPDM SQL
<No Name>	N/A	Publication System LPDM Oracle 21c

Properties

Select object

- Home
- Users
- Profiles
- Permissions
- Catalogs
- Browse
- View
- EA
- Collection
- Worksheet
- Devices
- IM
- Settings

Worksheets

+ Add Worksheet

Worksheet Explorer

Personal

- Tuesday
- Skills 101**

Shared

- Oracle Customer Columns
- Peoplesoft - Department Data Dictionary
- Publication System Data Dictionary

Skills 101

Filters

Search

Categories

Select Categories

Models

Select Models

+ Filter

1-10 of 30499

1 2 3 4 5 ... 3050

Rows 10

Columns

Search...

Filters Density Export

ORDER BY Name ASC

Name	Object Type	Context
<No Name>	N/A	Publication System LPDM JSON
<No Name>	N/A	Publication System LPDM JSON
<No Name>	N/A	Publication System LPDM SQL
<No Name>	N/A	Publication System LPDM SQL
<No Name>	N/A	Publication System LPDM Oracle 21c
<No Name>	N/A	Publication System LPDM Oracle 21c

Share Save

Properties

Select object

Object Type	Context
ame>	Publication System LPDM JSON
ame>	Publication System LPDM JSON
ame>	Publication System LPDM SQL
ame>	Publication System LPDM SQL
ame>	Publication System LPDM Oracle 21c
ame>	Publication System LPDM Oracle 21c

Select object

- Data Model
- Models
- Tables
- Records
- Collections
- Documents
- Json Objects
- Nodes
- Views
- Columns
- Fields

Worksheet Explorer

Personal

- Tuesday
- Skills 101

Shared

- Oracle Customer Columns
- Peoplesoft - Department Data Dictionary
- Publication System Data Dictionary

Skills 101

Filters

Search

Categories

Select Categories

Models

Select Models

+ Filter

1-10 of 30499

1 2 3 4 5 ... 3050

Rows 10

Columns

Search...

Filters Density Export

ORDER BY Name ASC

Name	Object Type	Context
<No Name>	N/A	Publication System LPDM JSON
<No Name>	N/A	Publication System LPDM JSON
<No Name>	N/A	Publication System LPDM SQL
<No Name>	N/A	Publication System LPDM SQL
<No Name>	N/A	Publication System LPDM Oracle 21c
<No Name>	N/A	Publication System LPDM Oracle 21c

Properties

Select object

Worksheets Home > Worksheets + Add Worksheet

Worksheet Explorer

Personal

- Tuesday
- Skills 101

Shared

- Oracle Customer Columns
- Peoplesoft - Department Data Dictionary
- Publication System Data Dictionary

Filters

customer

Categories

Select Categories

Models

Select Models

1-10 of 284

Search...

WHERE text = 'customer' WITHIN ('Filename', 'Name', 'Physical Name') ORDER BY Name ASC

Name	Object Type	Context
Back Office Custom...	Column	Safyr_Seibel_MedicalSpec_Subject_Area > Or
Customer	Json Object	Publication System LPDM JSON
Customer	N/A	Publication System LPDM JSON > Physical
Customer	N/A	Publication System LPDM JSON > Logical
Customer	N/A	Publication System LPDM JSON > EntityDefinit
Customer	N/A	Publication System LPDM JSON > Conceptual

Properties

Select object

- Home
- Users
- Profiles
- Permissions
- Catalogs
- Browse
- View
- EA
- Collection
- Worksheet
- Devices
- IM
- Settings

Worksheets > Worksheets

Worksheet Explorer

Personal

Tuesday

Skills 101

Shared

- Oracle Customer Columns
- Peoplesoft - Department Data Dictionary
- Publication System Data Dictionary

Skills 101

Filters

customer

Categories

Columns

- Data Model
 - Models
 - Tables
 - Records
 - Collections
 - Documents
 - Json Objects
 - Nodes
 - Views
 - Columns
 - Fields

1-10 of 284

Rows 10

Columns

Search...

Filters Density Export

WHERE text = 'customer' WITHIN ('Filename', 'Name', 'Physical Name') AND category = ANY('Columns') ORDER ASC

	Object Type	Context
Office Custom...	Column	Safyr_Seibel_MedicalSpec_Subject_Area > Or
mer	Json Object	Publication System LPDM JSON
mer	N/A	Publication System LPDM JSON > Physical
mer	N/A	Publication System LPDM JSON > Logical
mer	N/A	Publication System LPDM JSON > EntityDefinit
mer	N/A	Publication System LPDM JSON > Conceptual

Properties

Select object

Worksheet Explorer

Personal

Tuesday

Skills 101

Shared

Oracle Customer Columns

Peoplesoft - Department Data Dictionary

Publication System Data Dictionary

Home

Users

Profiles

Permissions

Catalogs

Browse

View

EA

Collection

Worksheet

Devices

IM

Settings

Skills 101

Filters

customer

Categories

Columns

Models

Skills 101

+ Filter

Submit

1-10 of 284

1 2 3 4 5 ... 29

Rows 10 Columns

Search...

Filters Density Export

WHERE text = 'customer' WITHIN ('Filename', 'Name', 'Physical Name') AND category = ANY('Columns') ORDER BY Name ASC

Name	Object Type	Context
Back Office Custom...	Column	Safyr_Seibel_MedicalSpec_Subject_Area > Or...
Customer	Json Object	Publication System LPDM JSON
Customer	N/A	Publication System LPDM JSON > Physical
Customer	N/A	Publication System LPDM JSON > Logical
Customer	N/A	Publication System LPDM JSON > EntityDefinit
Customer	N/A	Publication System LPDM JSON > Conceptual

Share Save

Properties

Select object

Worksheet Explorer

Personal

Tuesday

Skills 101

Shared

Oracle Customer Columns

Peoplesoft - Department Data Dictionary

Publication System Data Dictionary

Home

Users

Profiles

Permissions

Catalogs

Browse

View

EA

Collection

Worksheet

Devices

IM

Settings

Skills 101

Filters

customer

Categories

Columns

Models

Demonstration Models

ER360

- Advanced Models
- Demonstration Models
- Model Templates
- Oracle AI World 2025
- Skills 101
- GBQ_SalesProduction

1-10 of 61

Rows 10

Columns

Search...

Filters Density Export

WHERE text = 'customer' WITHIN ('Filename', 'Name', 'Physical Name') AND category = ANY('Columns') ORDER BY Name ASC

Name	Object Type	Context
customer City	Field	Publication System LPDM JSON > Customer
customer City	Column	Publication System LPDM SQL > Customer
customer City	Column	Publication System LPDM Oracle 21c > Custom
customer City	Column	Publication System LPDM MySQL > Customer
customer Company...	Field	Publication System LPDM JSON > Customer
customer Company...	Column	Publication System LPDM SQL > Customer

Submit

Properties

Select object

Worksheet Explorer

Personal

Tuesday

Skills 101

Shared

Oracle Customer Columns

Peoplesoft - Department Data Dictionary

Publication System Data Dictionary

Home

Users

Profiles

Permissions

Catalogs

Browse

View

EA

Collection

Worksheet

Devices

IM

Settings

Skills 101

Filters

customer

Categories

Columns

Models

Demonstration Models

+ Filter

Submit

1-10 of 61

Rows 10

Columns

Search...

Filters Density Export

WHERE text = 'customer' WITHIN ('Filename', 'Name', 'Physical Name') AND category = ANY('Columns') ORDER BY Name ASC

Name	Object Type	Context
Customer City	Field	Publication System LPDM JSON > Customer
Customer City	Column	Publication System LPDM SQL > Customer
Customer City	Column	Publication System LPDM Oracle 21c > Custom
Customer City	Column	Publication System LPDM MySQL > Customer
Customer Company...	Field	Publication System LPDM JSON > Customer
Customer Company...	Column	Publication System LPDM SQL > Customer

Properties

Select object

Worksheet Explorer

Personal

Tuesday

Skills 101

Shared

Oracle Customer Columns

Peoplesoft - Department Data Dictionary

Publication System Data Dictionary

Home

Users

Profiles

Permissions

Catalogs

Browse

View

EA

Collection

Worksheet

Devices

IM

Settings

Skills 101

Filters

customer

Categories

Columns

Models

Demonstration Models

+ Filter

Submit

1-10 of 61

10 Rows

Columns

Search...

Filters Density Export

WHERE text = 'customer' WITHIN ('Filename', 'Name', 'Physical Name') AND category = ANY('Columns') ORDER BY Name ASC

Name	Object Type	Context
Customer City	Field	Publication System LPDM JSON > Customer
Customer City	Column	Publication System LPDM SQL > Customer
Customer City	Column	Publication System LPDM Oracle 21c > Custom
Customer City	Column	Publication System LPDM MySQL > Customer
Customer Company...	Field	Publication System LPDM JSON > Customer
Customer Company...	Column	Publication System LPDM SQL > Customer

Share Save

Properties

Select object

erwin by Quest **ER360**

Worksheet Explorer

Skills 101

Filters: customer

Categories: Columns

Models: Demonstration Models

1-10 of 61 | Rows: 10

WHERE text = 'customer' WITHIN ('Filename', 'Name', 'Physical Name') AND category = A
BY Name ASC

Name	Object Type	Context
Customer City	Field	Publication System LPDM JSON > Cu
Customer City	Column	Publication System LPDM SQL > Cus
Customer City	Column	Publication System LPDM Oracle 21c
Customer City	Column	Publication System LPDM MySQL > C
Customer Company...	Field	Publication System LPDM JSON > Cu
Customer Company...	Column	Publication System LPDM SQL > Cus

Submit

Share Worksheet

Select Users

Select All

- E** er360admin
andy.mcgvorn@quest.com
- E** ER360 User
andy.mcgvorn@quest.com
- C** Casey
no@mail.com
- S** Scott



erwin DM ER360 Enhancements

Metadata Download

Metadata View Mode: Physical View Options: Simple

(Skills 101 Model 1) Skills 101 Model 1

ER Diagrams

CSV [Grid Icon]

Name

- Conceptual
- Logical
- Physical

Rows per page: 5 1-3 of 3

Object Properties

CSV [Grid Icon]

Name	Value
Name	Skills 101 Model 1
Physical Name	Skills 101 Model 1
Definition	
Comment	
Author	N/A

Rows per page: 5 1-5 of 15

User Defined Properties

CSV [Grid Icon]

Name

Attribute.Physical.Critical Data Element

Rows per page: 5 1-1 of 1

Subject Areas

Tables



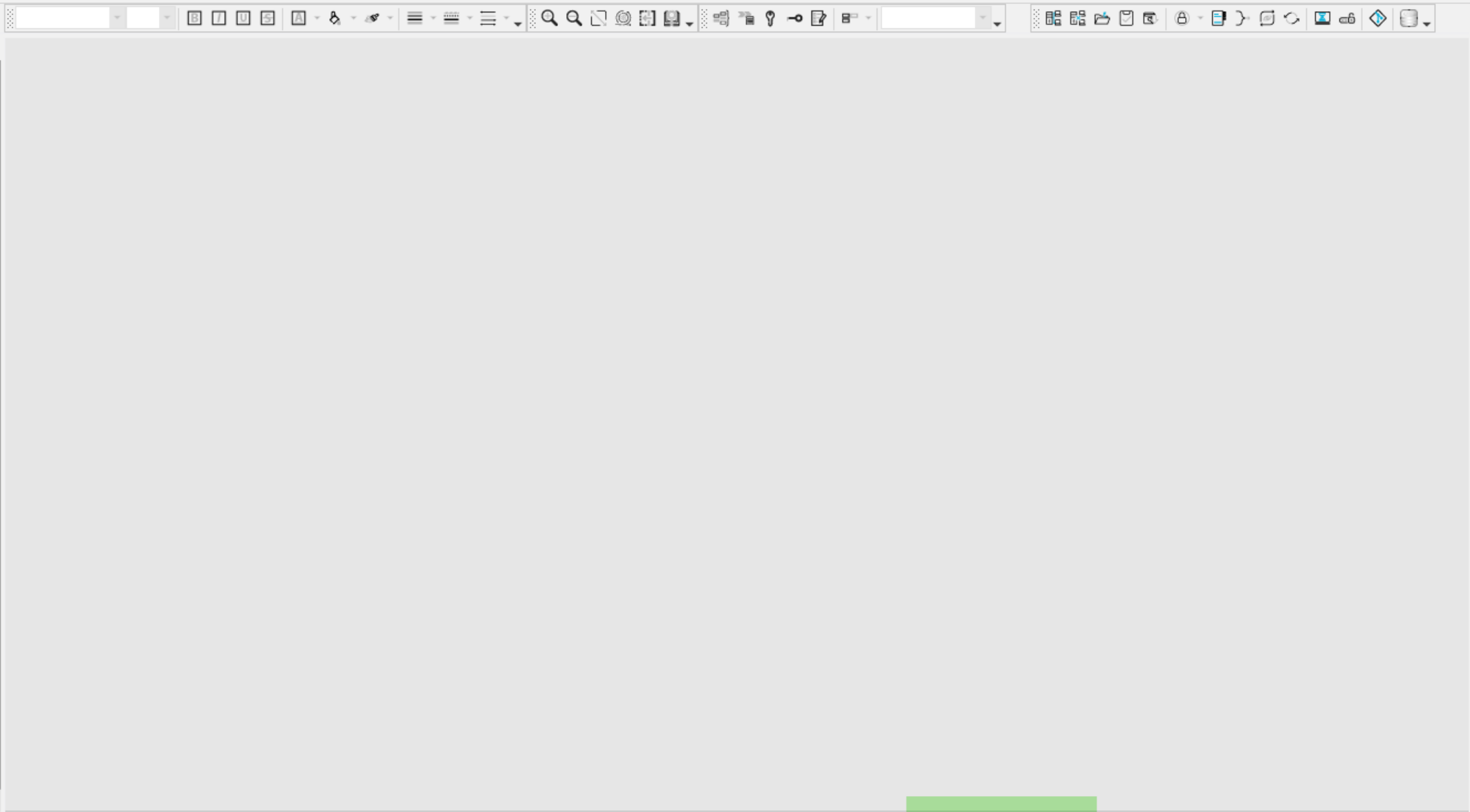
erwin Data Modeler

AI Model Generation



Connect
Launch Connect to Mart Dialog

Model Explorer | Project Explorer



Properties



New

Open

Close

Save

Save As

Recent

New Project

Open Project

Save Project

Close Project

Print

Page Setup

Exit

Recent File List

Mart://Mart/Skills 101/Skills 101 Model 1 - Season Two

Mart://Mart/Skills 101/Skills 101 Model 1 AMT Applied

Mart://Mart/Skills 101/Logical Model

Mart://Mart/Skills 101/Conceptual Model

Mart://Mart/Demonstration Models/AI Generated Models/ReverseEngineer_with_Inferred Relationships

Mart://Mart/Demonstration Models/AI Generated Models/Marketing Model

Mart://Mart/Demonstration Models/Databricks/Databricks Hive Metastore LPDM 4S

Mart://Mart/Demonstration Models/Databricks/Adventureworks DW Databricks UC

Mart://Mart/Demonstration Models/Publication System ER360

Mart://Mart/Publication System ER360 : v4-LOGICAL

Mart://Mart/Demonstration Models/Databricks/Databricks LPDM Samples

Mart://Mart/BROKEN Databricks LPDM Samples



txhhs.erwin_tmpl

C:\Users\AMcGover\OneDrive - Quest\erwin\erwin Data Modeler\erwin Models

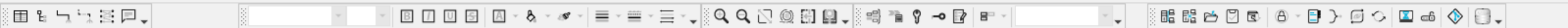
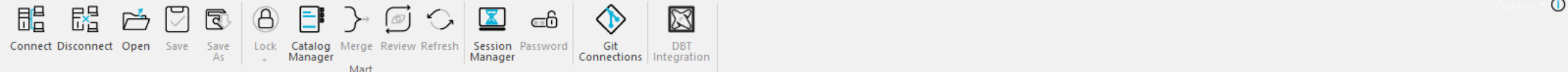
Mart://Mart/Publication System ER360

03/03/2026 02:39 PM

326 KB

Mart://Mart/Snowflake Sample Data Schema DEMO

Mart://Mart/Oracle AI World/Oracle 21c- Contoso Retail DW



Model Explorer

Model Explorer sidebar containing a tree view with 'Model' and 'Subject Area' folders.

New Model dialog box

Type: Conceptual Logical Physical Logical/Physical Match template

Target Server: _____

Match template target server

Database: **JSON** Version: 1.x

Predefined List:

- Avro
- Azure Synapse
- Cassandra
- Couchbase
- Databricks
- Db2 for i
- Db2 for LUW
- Db2 for z/OS
- DynamoDB
- Google BigQuery
- Hive
- Informix
- JSON**
- MariaDB
- MongoDB
- MySQL
- Neo4j
- Netezza
- ODBC
- Oracle
- Parquet
- PostgreSQL
- Progress
- Redshift
- SAP ASE
- SAP IQ
- SAS
- Snowflake
- SQL Server
- Teradata

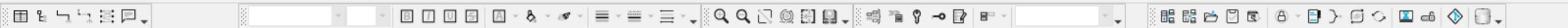
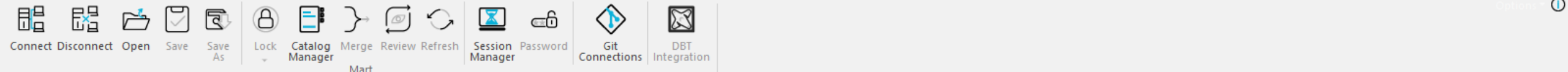
Template: **<Default>**

Preserve the _____

AI data mode _____

AI Execute

OK Cancel



Model Explorer

Model Subject Area

Model Explorer Project Explorer

New Model

Type

Conceptual Logical Physical Logical/Physical Match template

Target Server

Match template target server

Database: PostgreSQL Version: 16.x

Predefined List:

Template

<Default>

Preserve the template binding

AI data model

AI Execute

OK Cancel

File Home View Diagram Project Explorer Model Mart Actions Tools Help

Connect Disconnect Open Save Save As Lock Catalog Manager Merge Review Refresh Session Manager Password Manager Git Connections DBT Integration

Model Explorer

Model Explorer Project Explorer

New Model

Type

Conceptual Logical Physical Logical/Physical Match template

Target Server

Match template target server

Database: PostgreSQL Version: 16.x

Predefined List:

Template

<Default>

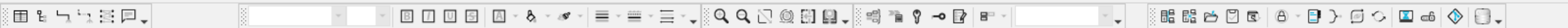
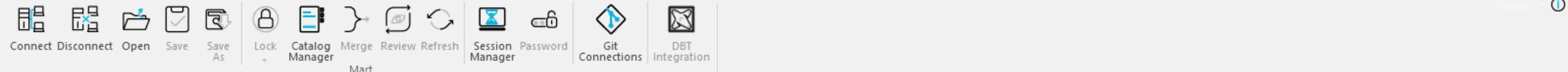
Preserve the template binding

AI data model

create a relational supply chain model with table and column comments based on MS CDM SupplyChain create Primary and Foreign Keys and Indexes

AI Execute

OK Cancel



Model Explorer

Model Explorer icons: Home, Back, Forward, Refresh, Delete, Add, Copy, Paste

Model Explorer content area (empty)

Model Explorer tabs: Model, Subject Area

Model Explorer footer: Model Explorer, Project Explorer

New Model

Type: _____

Conceptual Logical Physical Logical/Physical Match template

Target Server: _____

Match template target server

Database: PostgreSQL

Predefined List: _____

Template: <Default>

Preserve the template binding

AI data model

create a relational supply chain model with table and column comments based on MS CDM SupplyChain create Primary and Foreign Keys and Indexes

AI Execute

OK Cancel

Loading...

Processing Data : (56)

Progress bar (green)

Connect Disconnect Open Save Save As Lock Catalog Manager Merge Review Refresh Session Manager Password Manager Git Connections DBT Integration

Rich text editor toolbar with icons for bold, italic, underline, text color, background color, bulleted list, numbered list, link, unlink, undo, redo, and search.

Model Explorer sidebar with icons for refresh, delete, and save. Below the sidebar are tabs for Model, Subject Area, Model Explorer, and Project Explorer.

New Model

Type: Conceptual Logical Physical Logical/Physical Match template

Target Server: Match template target server

Database: PostgreSQL Version: 16.x

Predefined List:

Template:

Preserve the template binding

AI data model

create a relational supply chain model with table and column comments based on MS CDM SupplyChain create

AI Execute

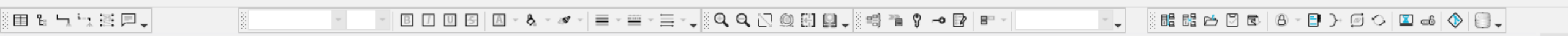
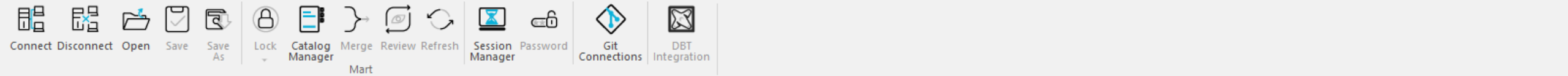
AI Generated Results. Check for accuracy.

```

1 CREATE TABLE organizations (
2   organization_id SERIAL PRIMARY KEY,
3   name VARCHAR(255) NOT NULL,
4   organization_type VARCHAR(100),
5   address VARCHAR(500),
6   city VARCHAR(100),
7   state VARCHAR(100),
8   country VARCHAR(100),
9   postal_code VARCHAR(20)
10 );
11
12 CREATE INDEX idx_organizations_name ON organizations (name);
13
14 COMMENT ON TABLE organizations IS 'Stores information for organizatic
15 COMMENT ON COLUMN organizations.organization_id IS 'Primary key; uniq
16 COMMENT ON COLUMN organizations.name IS 'Name of the organization.';
17 COMMENT ON COLUMN organizations.organization_type IS 'Type of organiz
18 COMMENT ON COLUMN organizations.address IS 'Main address of the organ
19 COMMENT ON COLUMN organizations.city IS 'City of the organization loc
20 COMMENT ON COLUMN organizations.state IS 'State or region of the orga
21 COMMENT ON COLUMN organizations.country IS 'Country of the organizati
22 COMMENT ON COLUMN organizations.postal_code IS 'Postal code of the or
23
24 CREATE TABLE products (
25   product_id SERIAL PRIMARY KEY,
26   product_number VARCHAR(100) NOT NULL UNIQUE,
27   name VARCHAR(255) NOT NULL,
28   description TEXT,

```

AI Terms of Use Was this helpful? OK Cancel



Model Explorer

Model Explorer Project Explorer

New Model

Type

Conceptual Logical Physical Logical/Physical Match template

Target Server

Match template target server

Database: PostgreSQL Version: 16.x

Predefined List:

Template

<Default>

Preserve the template binding

AI data model

create a relational supply chain model with table and column comments based on MS CDM SupplyChain create

AI Execute

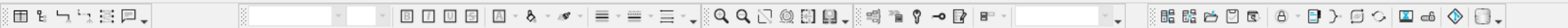
AI Generated Results. Check for accuracy.

```

1 CREATE TABLE organizations (
2   organization_id SERIAL PRIMARY KEY,
3   name VARCHAR(255) NOT NULL,
4   organization_type VARCHAR(100),
5   address VARCHAR(500),
6   city VARCHAR(100),
7   state VARCHAR(100),
8   country VARCHAR(100),
9   postal_code VARCHAR(20)
10 );
11
12 CREATE INDEX idx_organizations_name ON organizations (name);
13
14 COMMENT ON TABLE organizations IS 'Stores information for organizatic
15 COMMENT ON COLUMN organizations.organization_id IS 'Primary key; uniq
16 COMMENT ON COLUMN organizations.name IS 'Name of the organization.';
17 COMMENT ON COLUMN organizations.organization_type IS 'Type of organiz
18 COMMENT ON COLUMN organizations.address IS 'Main address of the organ
19 COMMENT ON COLUMN organizations.city IS 'City of the organization loc
20 COMMENT ON COLUMN organizations.state IS 'State or region of the orga
21 COMMENT ON COLUMN organizations.country IS 'Country of the organizati
22 COMMENT ON COLUMN organizations.postal_code IS 'Postal code of the or
23
24 CREATE TABLE products (
25   product_id SERIAL PRIMARY KEY,
26   product_number VARCHAR(100) NOT NULL UNIQUE,
27   name VARCHAR(255) NOT NULL,
28   description TEXT,

```

AI Terms of Use Was this helpful? [thumbs up] [thumbs down] OK Cancel



Model Explorer

Model Explorer Project Explorer

New Model

Type

Conceptual Logical Physical Logical/Physical Match template

Target Server

Match template target server

Database: PostgreSQL Version: 16.x

Predefined List:

Template

<Default>

Preserve the template binding

AI data model

create a relational supply chain model with table and column comments based on MS CDM SupplyChain create

AI Execute

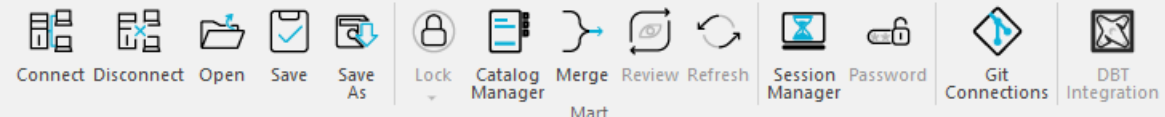
AI Generated Results. Check for accuracy.

```

1 CREATE TABLE organizations (
2   organization_id SERIAL PRIMARY KEY,
3   name VARCHAR(255) NOT NULL,
4   organization_type VARCHAR(100),
5   address VARCHAR(500),
6   city VARCHAR(100),
7   state VARCHAR(100),
8   country VARCHAR(100),
9   postal_code VARCHAR(20)
10 );
11
12 CREATE INDEX idx_organizations_name ON organizations (name);
13
14 COMMENT ON TABLE organizations IS 'Stores information for organizatic
15 COMMENT ON COLUMN organizations.organization_id IS 'Primary key; uniq
16 COMMENT ON COLUMN organizations.name IS 'Name of the organization.';
17 COMMENT ON COLUMN organizations.organization_type IS 'Type of organiz
18 COMMENT ON COLUMN organizations.address IS 'Main address of the organ
19 COMMENT ON COLUMN organizations.city IS 'City of the organization loc
20 COMMENT ON COLUMN organizations.state IS 'State or region of the orga
21 COMMENT ON COLUMN organizations.country IS 'Country of the organizati
22 COMMENT ON COLUMN organizations.postal_code IS 'Postal code of the or
23
24 CREATE TABLE products (
25   product_id SERIAL PRIMARY KEY,
26   product_number VARCHAR(100) NOT NULL UNIQUE,
27   name VARCHAR(255) NOT NULL,
28   description TEXT,

```

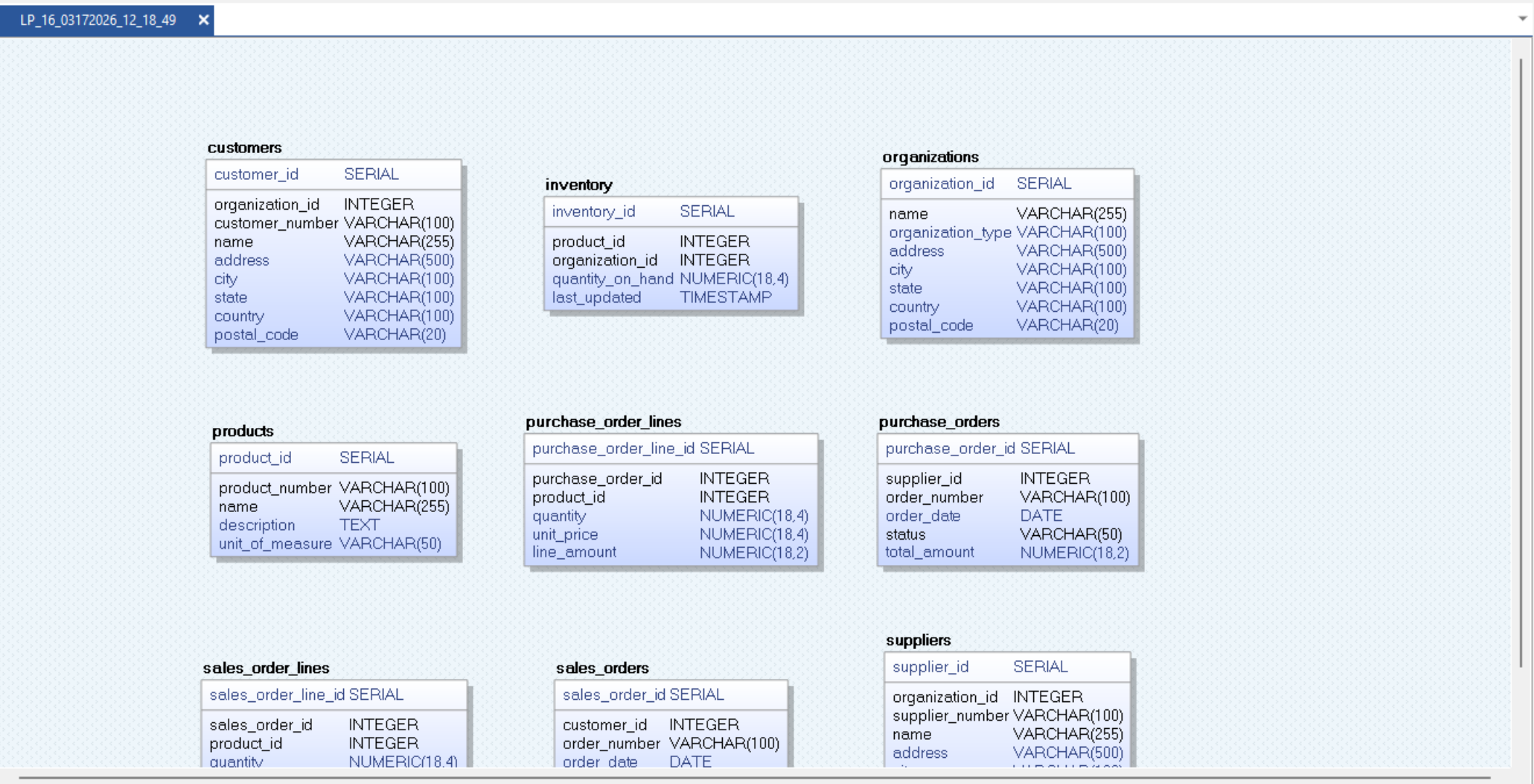
AI Terms of Use Was this helpful? OK Cancel

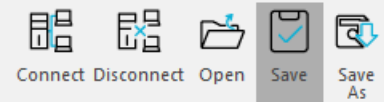


Model Explorer

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Model Subject Area





Model Explorer

- LP_16_03172026_12_18_49
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Save

Catalog:

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- Advanced Models
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- Demonstration Models
 - AI Generated Models
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 - Databricks
 - Dimensional
 - DM to DI
 - FR2052A
 - Google Big Query
 - Imported Models
 - NoSQL
 - OpenAPI
 - Publish
 - Safyr Models
 - Snowflake
 - Toad Models
- Model Templates

Name	Creator	Last Modifier	Modified On	Entity/...	Attribu...
Financial model based on MS CDM Logical_11_01072026_1...	andy.mcGovern@quest.com	andy.mcGovern@quest.com	1/7/2026 15:44:00	7	55
LP_15_03062026_09_08_24	andy.mcGovern@quest.com	andy.mcGovern@quest.com	3/6/2026 09:08:00	6	38
Marketing Model	andy.mcGovern@quest.com	andy.mcGovern@quest.com	3/17/2026 07:49:00	6	31
Physical Model based on MS CDM Financials LP_15_010820...	andy.mcGovern@quest.com	andy.mcGovern@quest.com	1/8/2026 13:30:00	7	68
ReverseEngineer_with_Inferred Relationships	andy.mcGovern@quest.com	andy.mcGovern@quest.com	3/17/2026 08:03:00	14	77

Model Name: LP_16_03172026_12_18_49 Show Templates only

Mark As Template

Maintain Multiple Versions

Description

Save Cancel

sales_order_lines

sales_order_line_id	SERIAL
sales_order_id	INTEGER
product_id	INTEGER
quantity	NUMERIC(18.4)

sales_orders

sales_order_id	SERIAL
customer_id	INTEGER
order_number	VARCHAR(100)
order_date	DATE

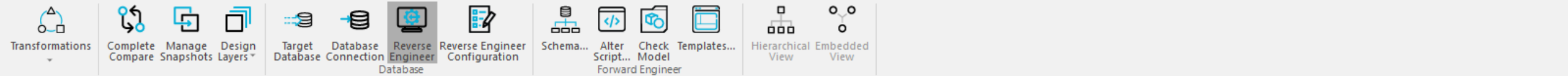
suppliers

supplier_id	SERIAL
organization_id	INTEGER
supplier_number	VARCHAR(100)
name	VARCHAR(255)
address	VARCHAR(500)



erwin Data Modeler

RES AI Validator



Model Explorer

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Mart://Mart/Demonstration ...

New Model

Type

Conceptual Logical Physical Logical/Physical Match template

Target Server

Match template target server

Database: Oracle Version: 21c

Predefined List:

Template

<Default>

Preserve the template binding

AI data model

AI Execute

Next Cancel

sales_order_lines

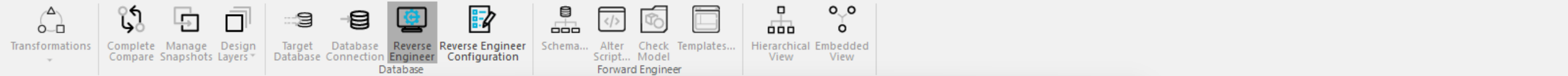
sales_order_line_id	SERIAL
sales_order_id	INTEGER
product_id	INTEGER
quantity	NUMERIC(18.4)

sales_orders

sales_order_id	SERIAL
customer_id	INTEGER
order_number	VARCHAR(100)
order_date	DATE

suppliers

supplier_id	SERIAL
organization_id	INTEGER
supplier_number	VARCHAR(100)
name	VARCHAR(255)
address	VARCHAR(500)



Model Explorer

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Reverse Engineering Wizard

Overview
Reverse Engineering options overview

- Overview
- Connection
- Owners
- Tables
- Views
- Option Set
- Detailed Options
- Scheduler
- erwin Project

Reverse Engineer From

Database Script File

File:

Enable AI Prompt Input

Overview

Welcome to the Reverse Engineering Wizard!

The **Reverse engineering** wizard walks you through the process of reverse engineering a model from a physical database. You can customize the operation for a target database of your choice using the several option sections available.

Connection: Use this section to connect to your database.

Owners: Use this section to select owners from the list of available owners in the database.

Tables: Use this section to select a subset of tables for reverse engineering.

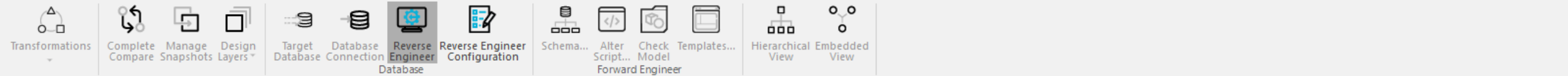
Views: Use this section to select Views from the list of available Views in the database.

Option Set: page lets you customize the Reverse Engineer option set.

Detailed Options: Use this section to configure detailed reverse engineering options, such as NSM options, objects to be reverse engineered, primary keys and relations inference, physical and

< Back Next >

Properties



Open

Search Results in erwin

File name: DDL Files (*.sql;*.ers;*.ddl)

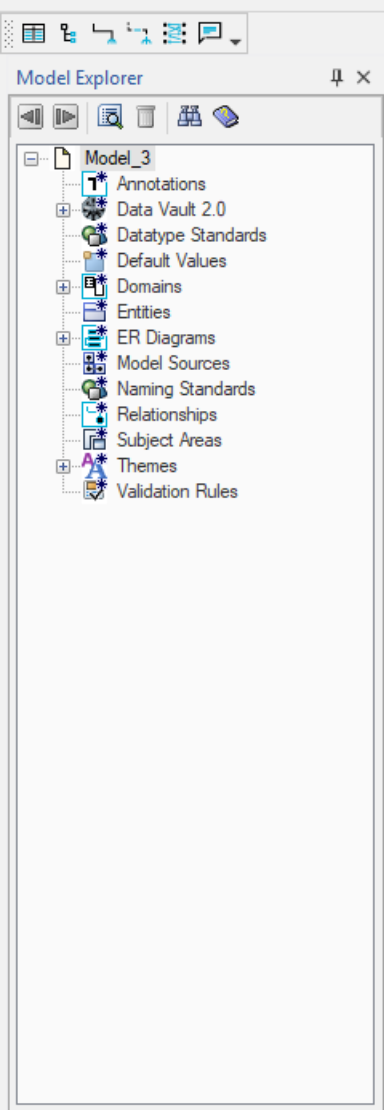
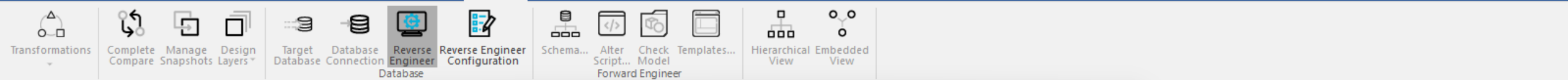
Open Cancel

Name	Date modified	Type	Size	Folder
NEW SCHEMA DDL.ddl	2/6/2024 16:10	DDL File	129 KB	erwin (C:\Users\AMcGover\OneDrive - Quest)
DELETESYNAPSE.ddl	1/26/2024 14:17	DDL File	9 KB	erwin (C:\Users\AMcGover\OneDrive - Quest)
Test_Infer.ddl	11/7/2023 10:18	DDL File	2 KB	erwin Data Modeler (C:\Users\AMcGover\OneDrive - Quest\erwin)
eMoviesOracle11.ddl	11/12/2020 12:49	DDL File	10 KB	erwin Models (C:\Users\AMcGover\OneDrive - Quest\erwin\erwin Data Modeler)
eMoviesOracle11.ddl	11/12/2020 12:49	DDL File	10 KB	EDM r9 Models (C:\Users\AMcGover\OneDrive - Quest\erwin\erwin Data Modeler)
PubsAzure.ddl	11/12/2020 12:49	DDL File	56 KB	EDM r9 Models (C:\Users\AMcGover\OneDrive - Quest\erwin\erwin Data Modeler)
Pubs_DDLTEST.ddl	10/14/2020 12:02	DDL File	122 KB	erwinDM_Testing (C:\Users\AMcGover\OneDrive - Quest\erwin\erwin Data Modeler)
eMoviesOracle11.ddl	12/17/2019 12:04	DDL File	10 KB	EDM r9 Models (C:\Users\AMcGover\OneDrive - Quest\erwin\erwin Data Modeler)

Materialized Views in the database.

Option Set: page lets you customize the Reverse Engineer option set.

< Back Next > OK Cancel Help



Reverse Engineering Wizard

Overview
Reverse Engineering options overview

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Reverse Engineer From

Database Script File

File: C:\Users\AMcGovern\OneDrive - Quest\er Browse... AI Validate Preview

Enable AI Prompt Input

AI Generate

Overview

Welcome to the Reverse Engineering Wizard!

The **Reverse engineering** wizard walks you through the process of reverse engineering a model from a physical database. You can customize the operation for a target database of your choice using the several option sections available.

Connection: Use this section to connect to your database.

Owners: Use this section to select owners from the list of available owners in the database.

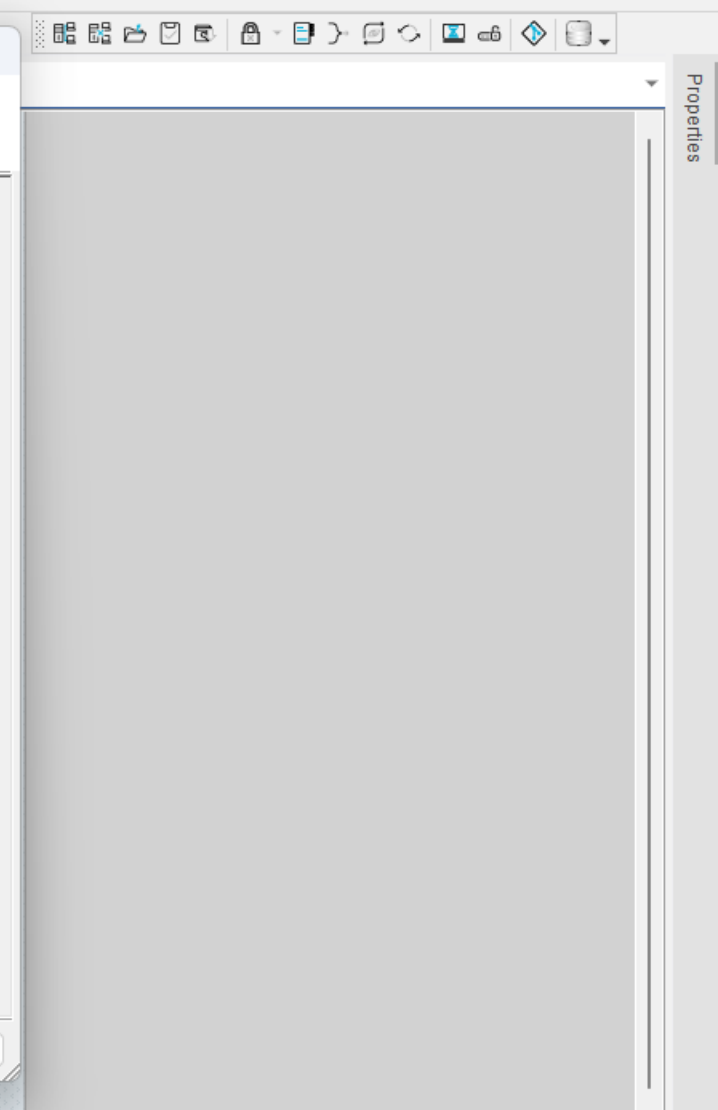
Tables: Use this section to select a subset of tables for reverse engineering.

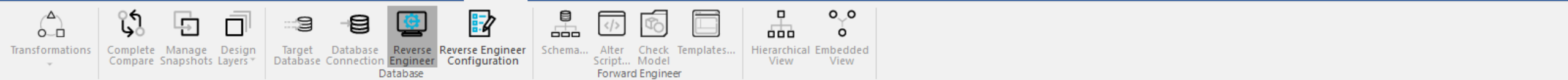
Views: Use this section to select Views from the list of available Views in the database.

Option Set: page lets you customize the Reverse Engineer option set.

Detailed Options: Use this section to configure detailed reverse engineering options, such as NSM options, objects to be reverse engineered, primary keys and relations inference, physical and logical constraints, and data types.

< Back Next > OK Cancel Help





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Mart://Mart/Demonstration ...

Reverse Engineering Wizard

Overview
Reverse Engineering options overview

Overview

Reverse Engineer From
 Database
 Script File

File: C:\Users\AMcGover\OneDrive - Quest\er Browse... AI Validate Preview

Enable AI Prompt Input

AI Generated Results. Check for accuracy.

```

1 The script you posted for Oracle is syntactically correct.
2
3
4

```

[AI Terms of Use](#) Was this helpful? OK Cancel

Owners: Use this section to select owners from the list of available owners in the database.

Tables: Use this section to select a subset of tables for reverse engineering.

Views: Use this section to select Views from the list of available Views in the database.

Option Set: page lets you customize the Reverse Engineer option set.

Detailed Options: Use this section to configure detailed reverse engineering options, such as NSM options, objects to be reverse engineered, primary keys and relations inference, physical and

< Back Next > OK Cancel Help

Properties

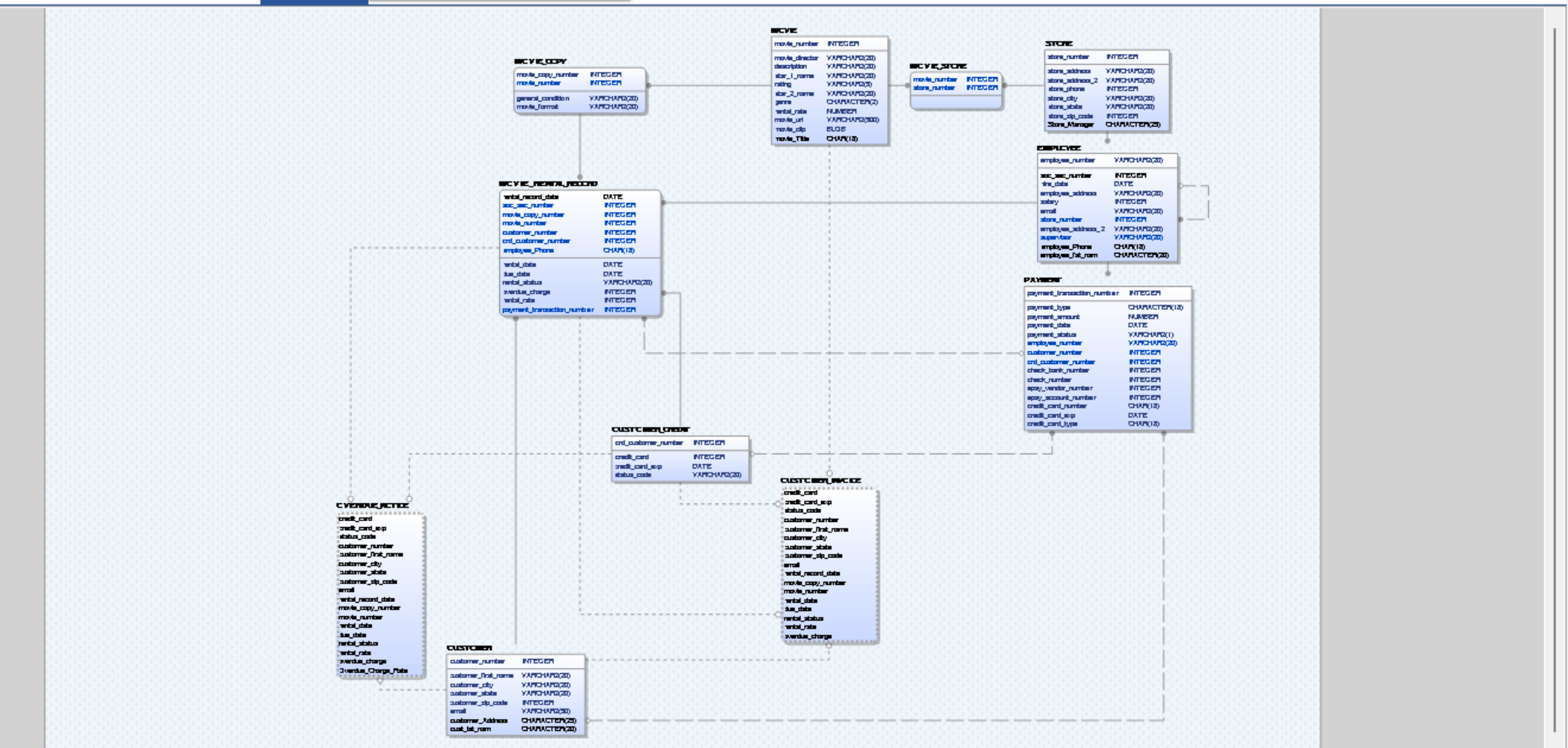


erwin Data Modeler FE Script Validator

Transformations Complete Compare Manage Snapshots Design Layers Target Database Database Connection Engineer Reverse Engineer Database Reverse Engineer Configuration Schema... Alter Script... Check Model Forward Engineer Hierarchical View Embedded View

Model Explorer Mart://Mart/Demonstration ... Model3 Forward Engineer Schema Generation Schema Physical

- Model_3
 - Annotations
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Transformations Complete Compare Manage Snapshots

Forward Engineer Schema Generation Wizard

Schema Generation Preview
This page provides a preview of the Forward Engineer Schema Generation.

Model Explorer

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 - Validation Rules
 - Views

- Overview
- Option Selection
- Summary
- Owner Override
- Object Filter
- Preview**

Save Print Copy Paste Undo Redo Refresh

```
1  
2 CREATE TABLE CUSTOMER  
3 (  
4     customer_number    INTEGER NOT NULL ,  
5     customer_first_name VARCHAR2 (20) NULL ,  
6     customer_city      VARCHAR2 (20) NULL ,  
7     customer_state     VARCHAR2 (20) NULL ,  
8     customer_zip_code  INTEGER NULL ,  
9     email              VARCHAR2 (50) NULL ,  
10    customer_Address   CHARACTER (25) NOT NULL ,  
11    cust_lst_nam       CHARACTER (20) NOT NULL  
12 );  
13  
14 CREATE UNIQUE INDEX XPKCUSTOMER ON CUSTOMER  
15 (customer_number ASC);  
16  
17 ALTER TABLE CUSTOMER  
18     ADD CONSTRAINT XPKCUSTOMER PRIMARY KEY (customer_number);  
19  
20 CREATE UNIQUE INDEX XAK1CUSTOMER ON CUSTOMER  
21 (customer_Address ASC);  
22  
23 ALTER TABLE CUSTOMER  
24 ADD  
25 CONSTRAINT XAK1CUSTOMER UNIQUE (customer_Address);  
26  
27 CREATE INDEX XIE1CUSTOMER ON CUSTOMER  
28 (cust_lst_nam ASC);  
29  
30 CREATE TABLE CUSTOMER_CREDIT  
31 (  
32     crd_customer_number INTEGER NOT NULL ,  
33     credit_card         INTEGER NOT NULL ,  
34     credit_card_exp     DATE NULL ,  
35     status code        VARCHAR2 (20) NULL
```

< Back Next > Generate OK Cancel Help

Transformations Complete Compare Manage Snapshots

Forward Engineer Schema Generation Wizard

Schema Generation Preview
This page provides a preview of the Forward Engineer Schema Generation.

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 - User Defined Types
 - Validation Rules
 - Views

- Overview
- Option Selection
- Summary
- Owner Override
- Object Filter
- Preview**

Save Print Copy Paste Undo Redo Refresh

```

1
2 CREATE TABLE CUSTOMER
3 (
4   customer_number      INTEGER NOT NULL ,
5   customer_first_name  VARCHAR2 (20)  NULL ,
6   customer_city        VARCHAR2 (20)  NULL ,
7   customer_state       VARCHAR2 (20)  NULL ,
8   customer_zip code    INTEGER NULL ,
9   email                VARCHAR2 (255) NULL ,
10  customer_address      VARCHAR2 (255) NULL ,
11  customer_email        VARCHAR2 (255) NULL ,
12 );
13
14 CREATE UNIFORMITY
15 (customer
16
17 ALTER TABLE CUSTOMER
18   ADD CONSTRAINT XAK1CUSTOMER UNIQUE (customer_Address);
19
20 CREATE UNIFORMITY
21 (customer
22
23 ALTER TABLE CUSTOMER
24   ADD CONSTRAINT XAK1CUSTOMER UNIQUE (customer_Address);
25
26
27 CREATE INDEX XIE1CUSTOMER ON CUSTOMER
28 (cust_1st_nam ASC);
29
30 CREATE TABLE CUSTOMER_CREDIT
31 (
32   crd_customer_number  INTEGER NOT NULL ,
33   credit_card          INTEGER NOT NULL ,
34   credit_card_exp      DATE NULL ,
35   status code         VARCHAR2 (20)  NULL

```

AI Generated Results. Check for accuracy.

```

1 The script you posted for Oracle is syntactically correct.
2
3
4

```

[AI Terms of Use](#) Was this helpful?



Additional Resources

Product Documentation

[erwin DM Bookshelf](#)

[erwin DM 15.x New Features and Enhancements](#)

[erwin DM 15.0 New Features and Enhancements](#)

[erwin DM 15.1 New Features and Enhancements](#)

[erwin DM 15.2 New Features and Enhancements](#)

Don't Miss What's Next!

***Layered Modeling – From
Conceptual Dreams to
Physical Reality***

May 13th @ 11am ET



Quest