

Skills 101: erwin

# *Themes and Active Model Templates*

Andy McGovern  
Sr. Principal Consultant  
[andy.mcgovern@quest.com](mailto:andy.mcgovern@quest.com)



Quest





## Today's Topics

**Applying Themes to enforce structure and best practices**

**Creating AMTs that streamline repeatable modeling tasks**

**Automating AMTs into your workflow for efficiency**

**Standardizing models across teams without stifling creativity**

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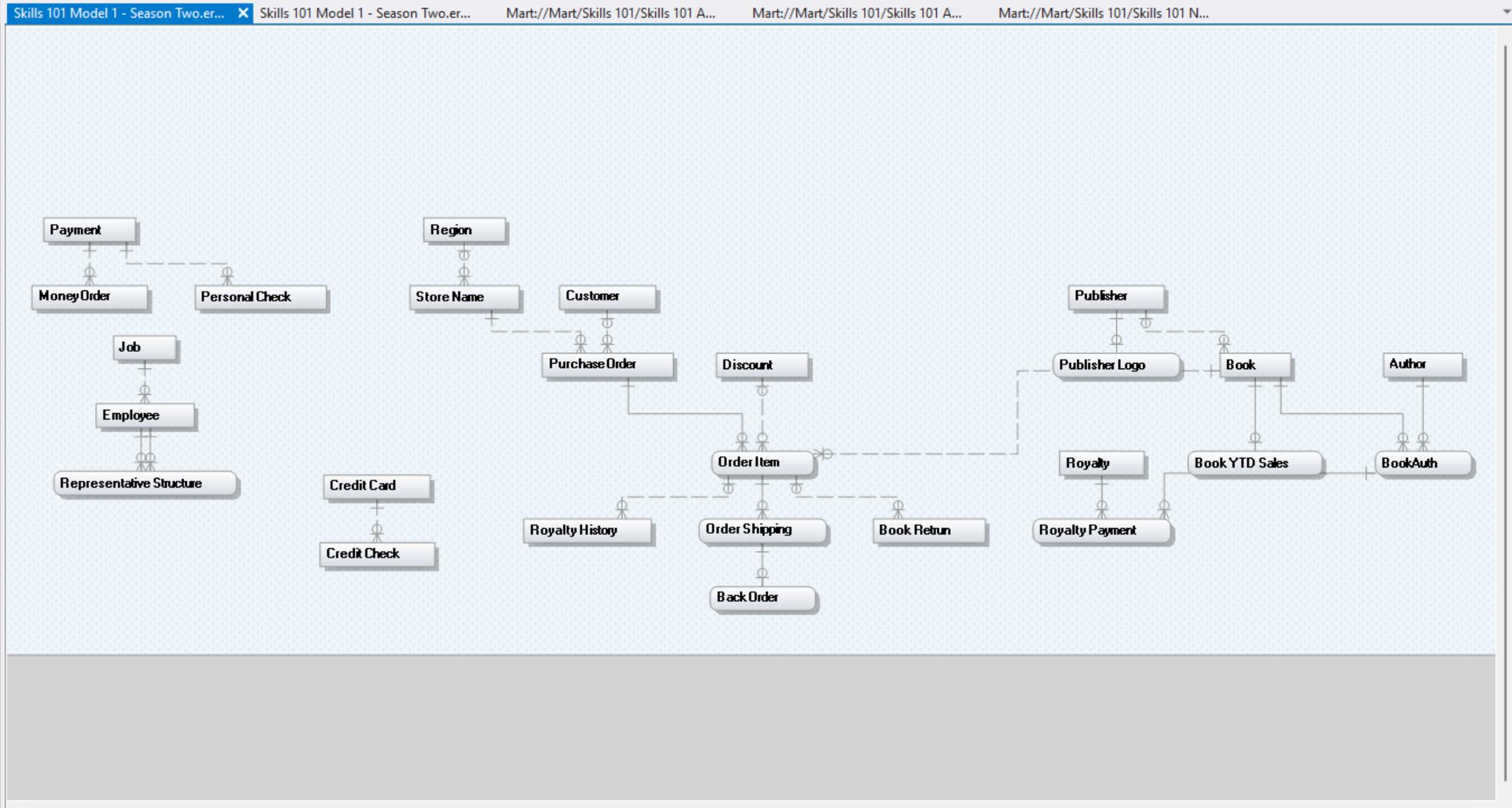




# Where we left off..

Model Explorer

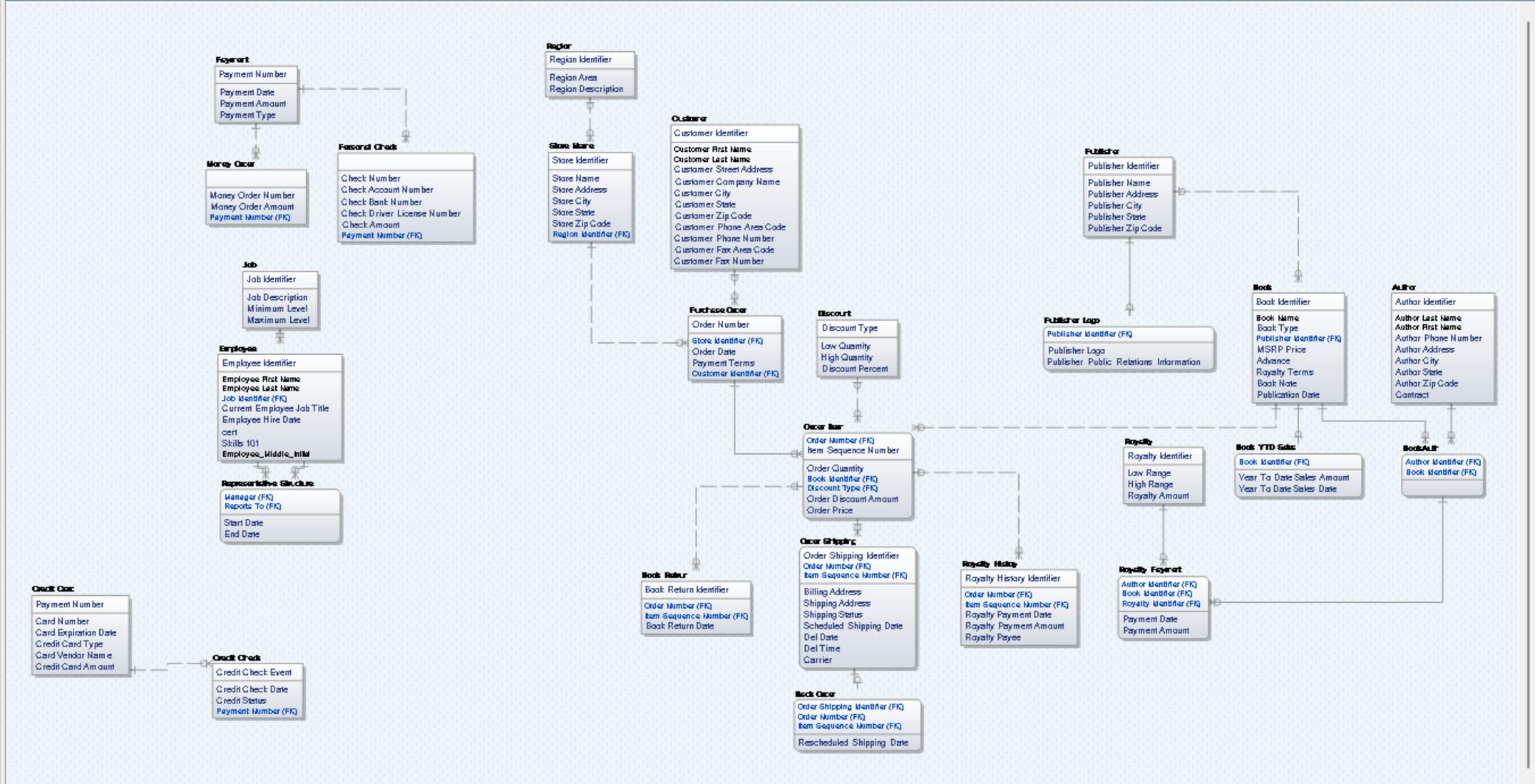
- Skills 101 Model 1
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
    - Classic Theme
    - Copy of Default Theme
    - DARK Theme
    - Default Theme
  - Validation Rules



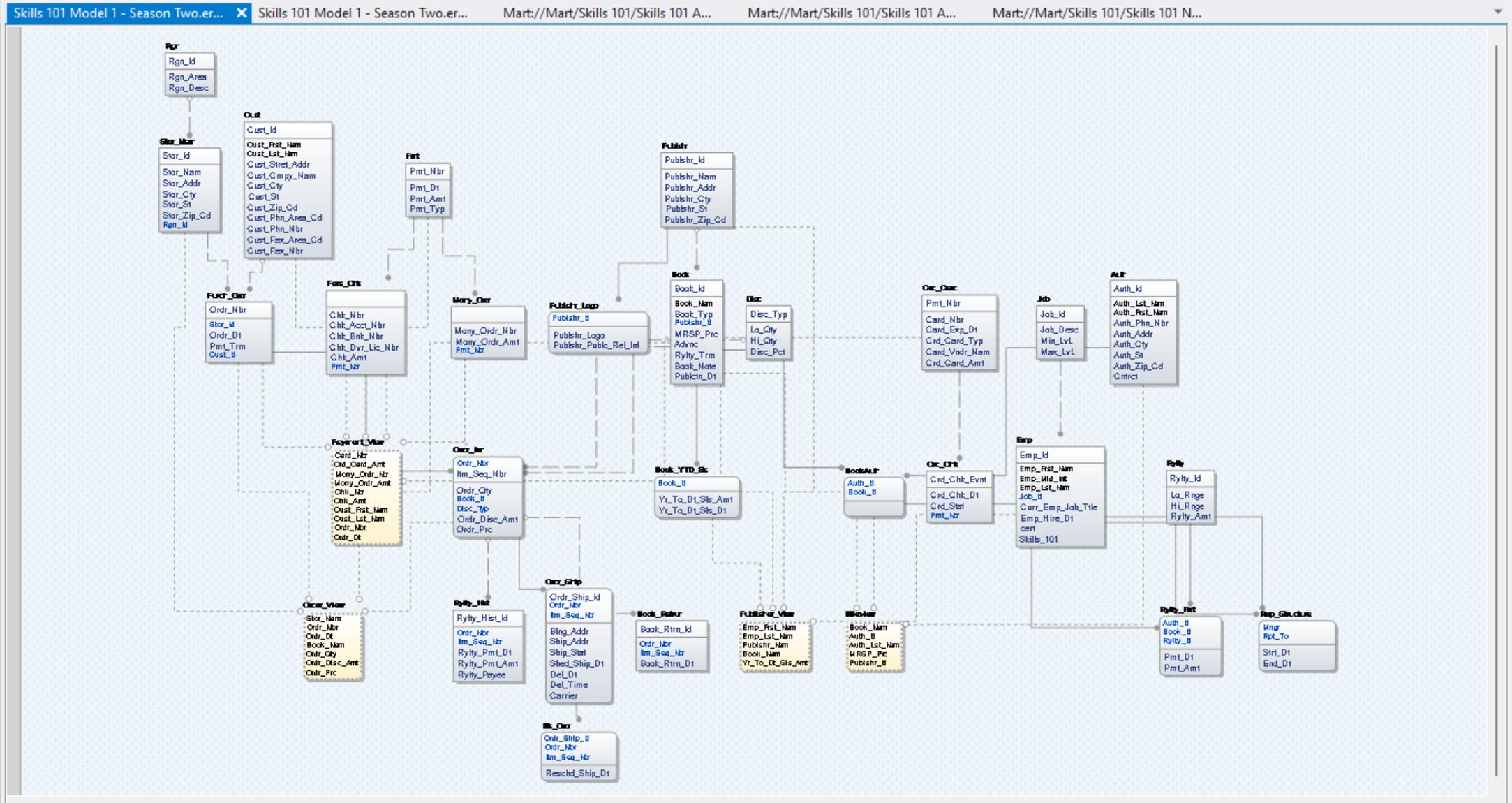
Model Explorer

- Skills 101 Model 1
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
    - Classic Theme
    - Copy of Default Theme
    - DARK Theme
    - Default Theme
  - Validation Rules

Model Subject Area



- Skills 101 Model 1
  - Aggregates
  - Always Encrypted Keys
  - Annotations
  - Application Roles
  - Assemblies
  - Asymmetric Keys
  - Certificates
  - Credentials
  - 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
  - Resource Pools
  - Schemas
  - Script Templates
  - Sequences





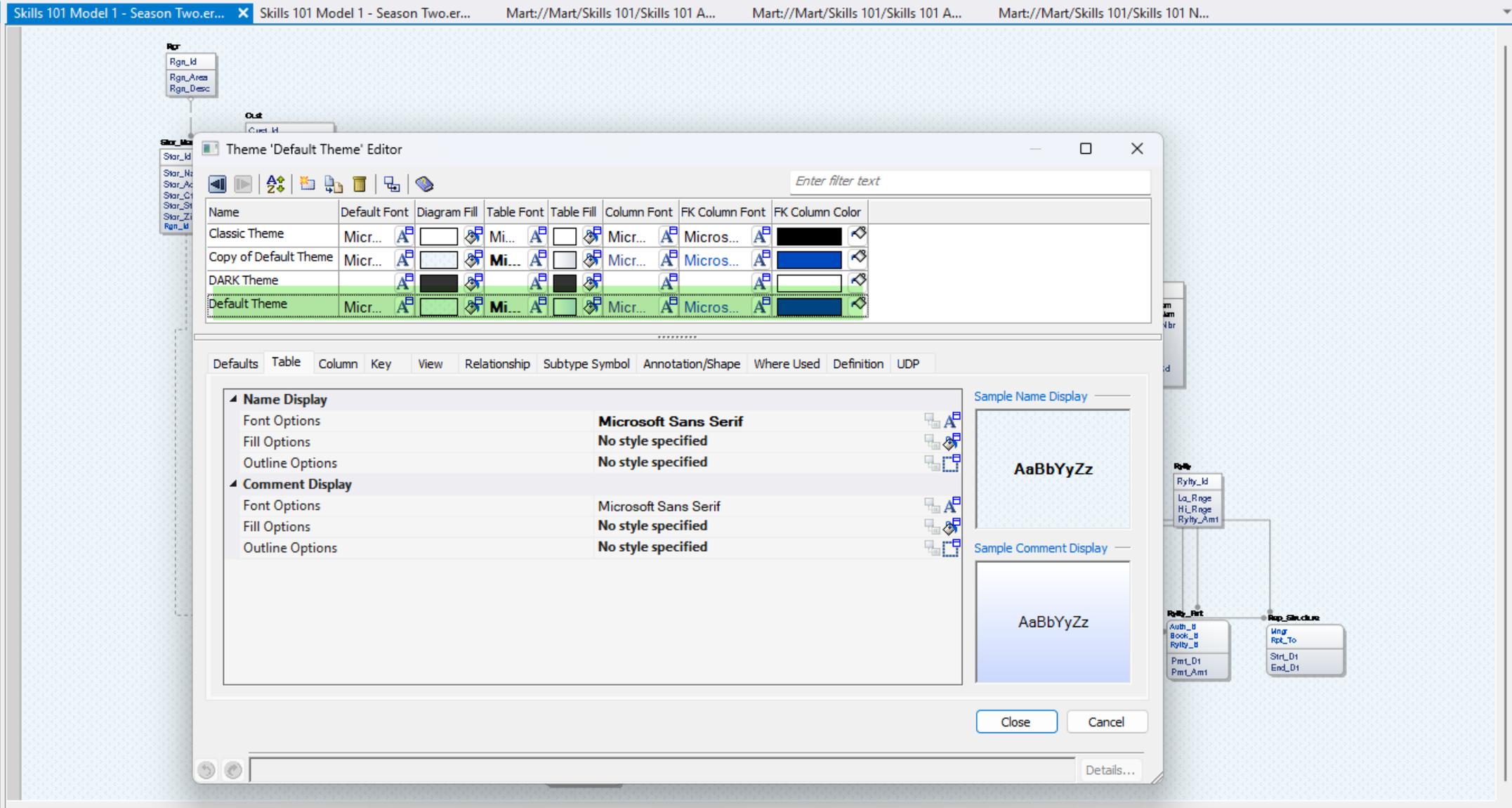
# Create a Theme and Build a Template







- 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
- Resource Pools
- Schemas
- Script Templates
- Sequences
- Server Audit Specifications
- Server Audits
- Stored Procedures
- Subject Areas
- Symmetric Keys
- Synonyms
- Tables
- Themes
  - Classic Theme
  - Copy of Default Theme
  - DARK Theme
  - Default Theme
- Trigger Templates
- Triggers
- User Ids
- Validation Rules
- Views
- Workload Groups
- XML Schema Collections



### Theme 'Default Theme' Editor

Enter filter text

Name	Default Font	Diagram Fill	Table Font	Table Fill	Column Font	FK Column Font	FK Column Color
Classic Theme	Micr...		Mi...		Micr...	Micros...	
Copy of Default Theme	Micr...		Mi...		Micr...	Micros...	
DARK Theme							
<b>Default Theme</b>	Micr...		<b>Mi...</b>		Micr...	Micros...	

---

Defaults | **Table** | Column | Key | View | Relationship | Subtype Symbol | Annotation/Shape | Where Used | Definition | UDP

**Name Display**

Font Options: **Microsoft Sans Serif**

Fill Options: **No style specified**

Outline Options: **No style specified**

**Comment Display**

Font Options: Microsoft Sans Serif

Fill Options: **No style specified**

Outline Options: **No style specified**

Sample Name Display

AaBbYyZz

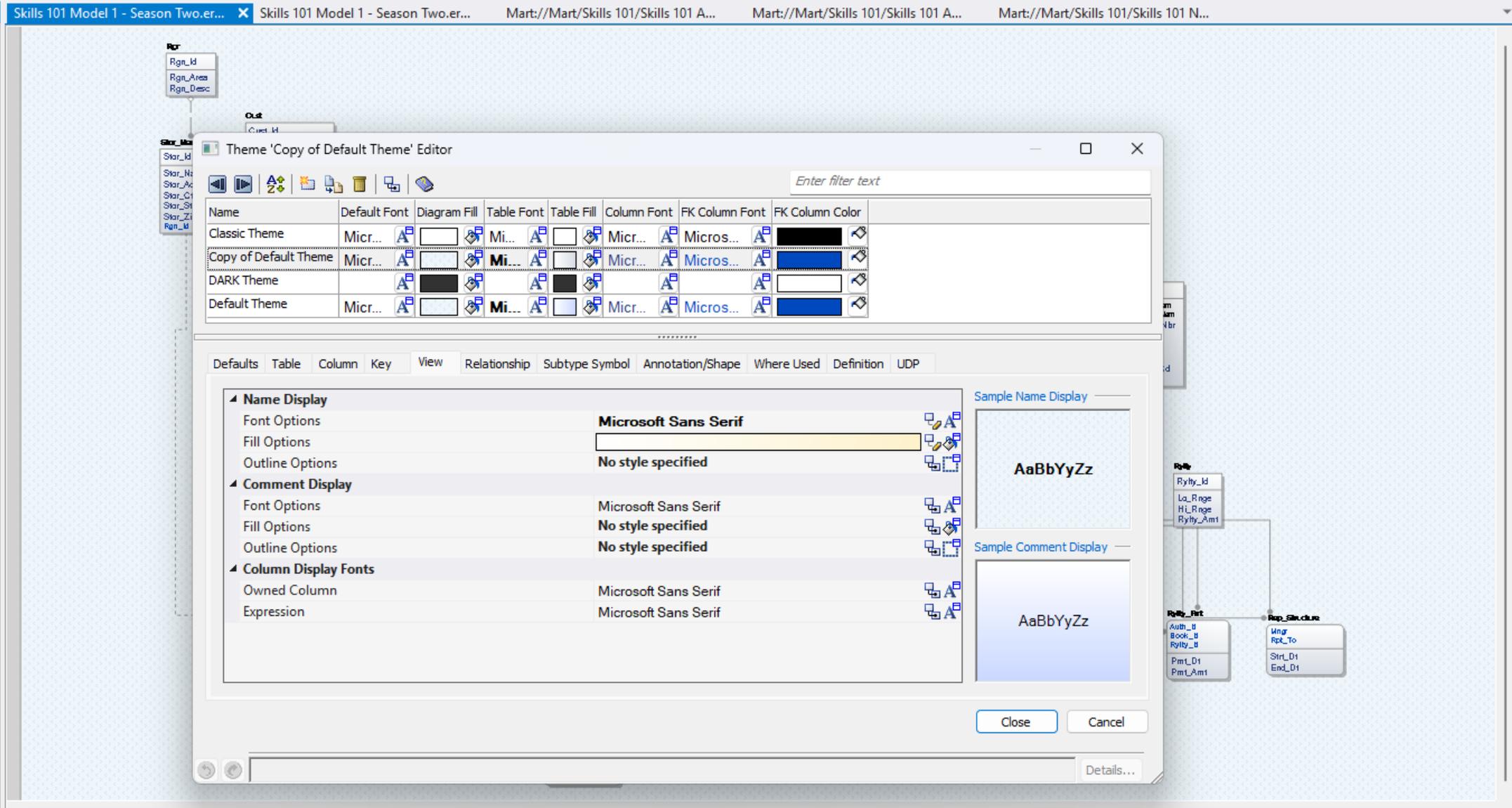
Sample Comment Display

AaBbYyZz

Close Cancel

Model Explorer

- 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
- Resource Pools
- Schemas
- Script Templates
- Sequences
- Server Audit Specifications
- Server Audits
- Stored Procedures
- Subject Areas
- Symmetric Keys
- Synonyms
- Tables
- Themes
  - Classic Theme
  - Copy of Default Theme
  - DARK Theme
  - Default Theme
- Trigger Templates
- Triggers
- User Ids
- Validation Rules
- Views
- Workload Groups
- XML Schema Collections



Theme 'Copy of Default Theme' Editor

Enter filter text

Name	Default Font	Diagram Fill	Table Font	Table Fill	Column Font	FK Column Font	FK Column Color
Classic Theme	Micr...		Mi...		Micr...	Micros...	
Copy of Default Theme	Micr...		Mi...		Micr...	Micros...	
DARK Theme							
Default Theme	Micr...		Mi...		Micr...	Micros...	

---

Defaults Table Column Key View Relationship Subtype Symbol Annotation/Shape Where Used Definition UDP

**Name Display**

- Font Options: **Microsoft Sans Serif**
- Fill Options: No style specified
- Outline Options: No style specified

**Comment Display**

- Font Options: Microsoft Sans Serif
- Fill Options: No style specified
- Outline Options: No style specified

**Column Display Fonts**

- Owned Column: Microsoft Sans Serif
- Expression: Microsoft Sans Serif

Sample Name Display: AaBbYyZz

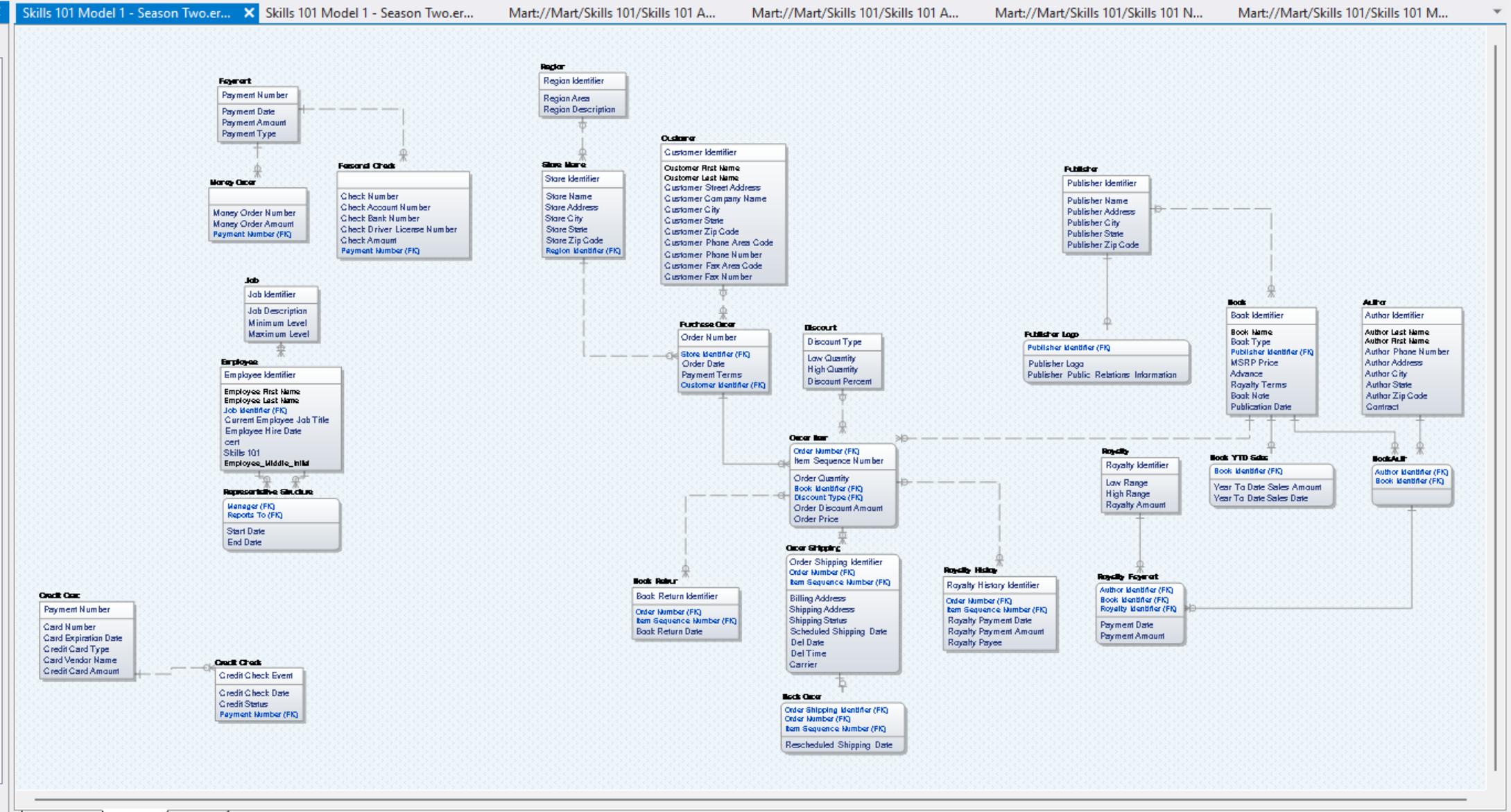
Sample Comment Display: AaBbYyZz

Close Cancel

**Model Explorer**

- Skills 101 Model 1
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
    - <default>
    - Blob
    - Datetime
    - Number
    - String
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules

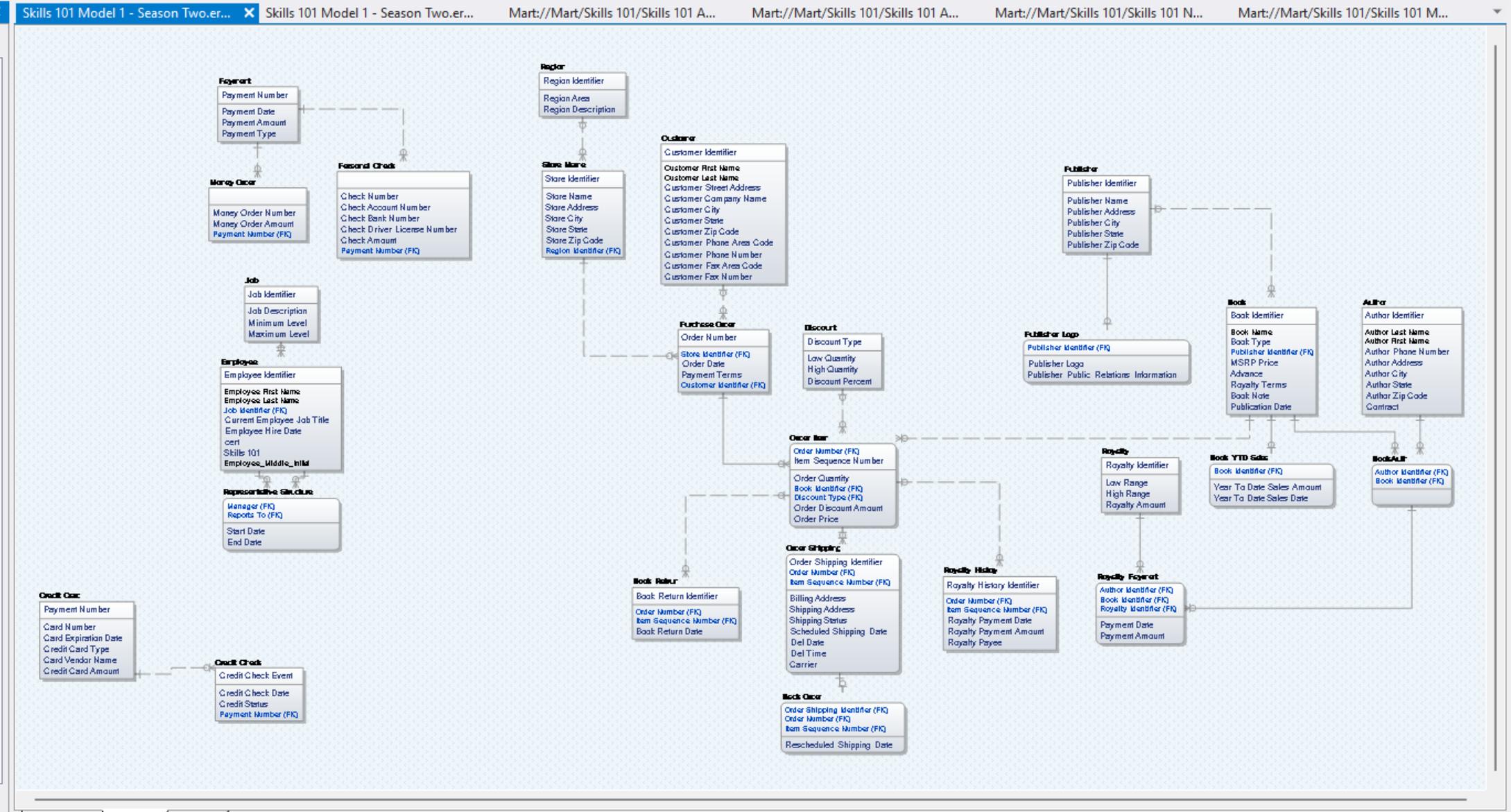
Model Subject Area



**Model Explorer**

- Skills 101 Model 1
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
    - <default>
    - Blob
    - Datetime
    - Domain\_955
    - Number
    - String
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules

Model Subject Area



**Model Explorer**

- Skills 101 Model 1
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
    - <default>
    - Blob
    - Datetime
    - Last Name
    - Number
    - String
  - Entities
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  - Model Sources
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  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules

Model Subject Area



**Domain 'Last Name' Editor**

Enter filter text

Name	Domain Parent	Logical Data Type	Logical Only
<default>	<default>	CHAR(18)	<input type="checkbox"/>
Blob	<default>	LARGE BINARY	<input type="checkbox"/>
Datetime	<default>	DATE	<input type="checkbox"/>
Last Name	<def...>	VARCHAR(20)	<input checked="" type="checkbox"/>

---

General Constraint Definition Where Used UDP Notes Extended Notes

**Domain Parent**

- <default>
  - Blob
  - Datetime
  - Last Name
  - Number
  - String

**Domain**

Name	Image
Last Name	? Default <unknc>

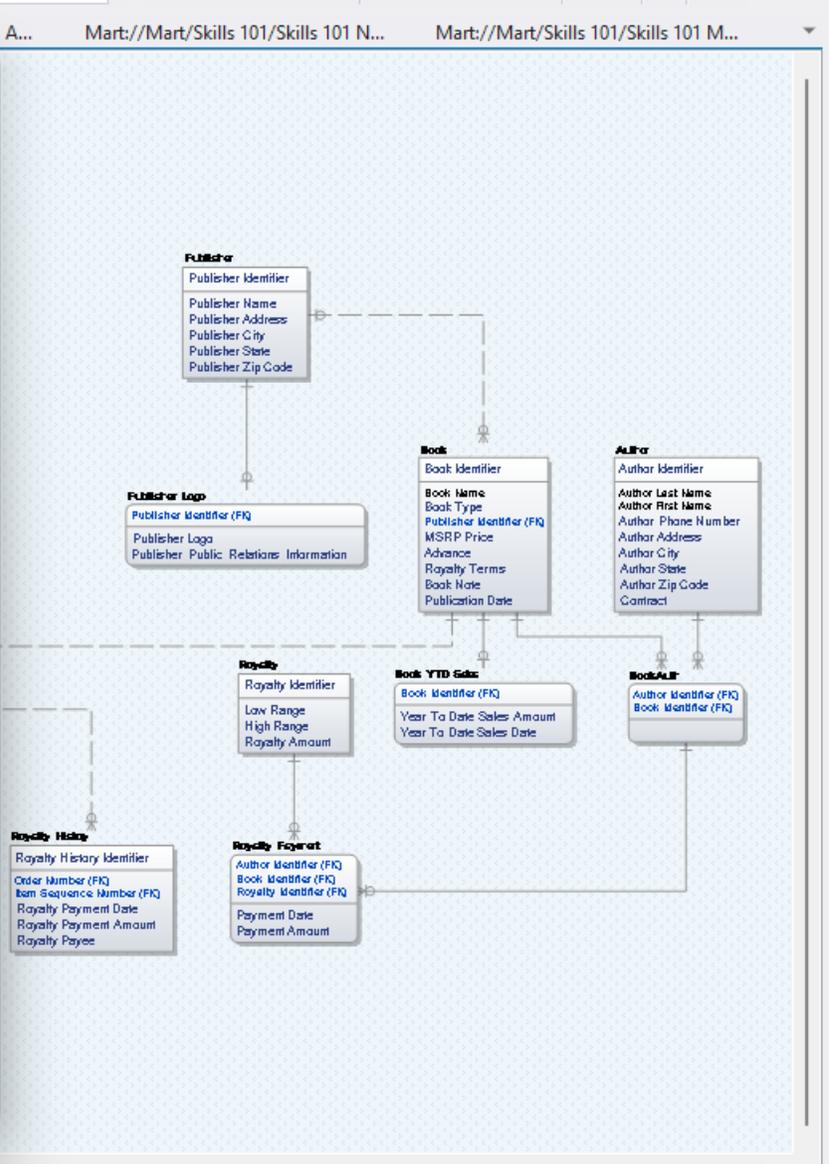
**Attribute**

Attribute Name	Attribute Image
%AttDomain	? Default <unknc>

**General Options**

Logical Only	<input type="checkbox"/>
Logical Data Type	VARCHAR(20)
Null Option	Null

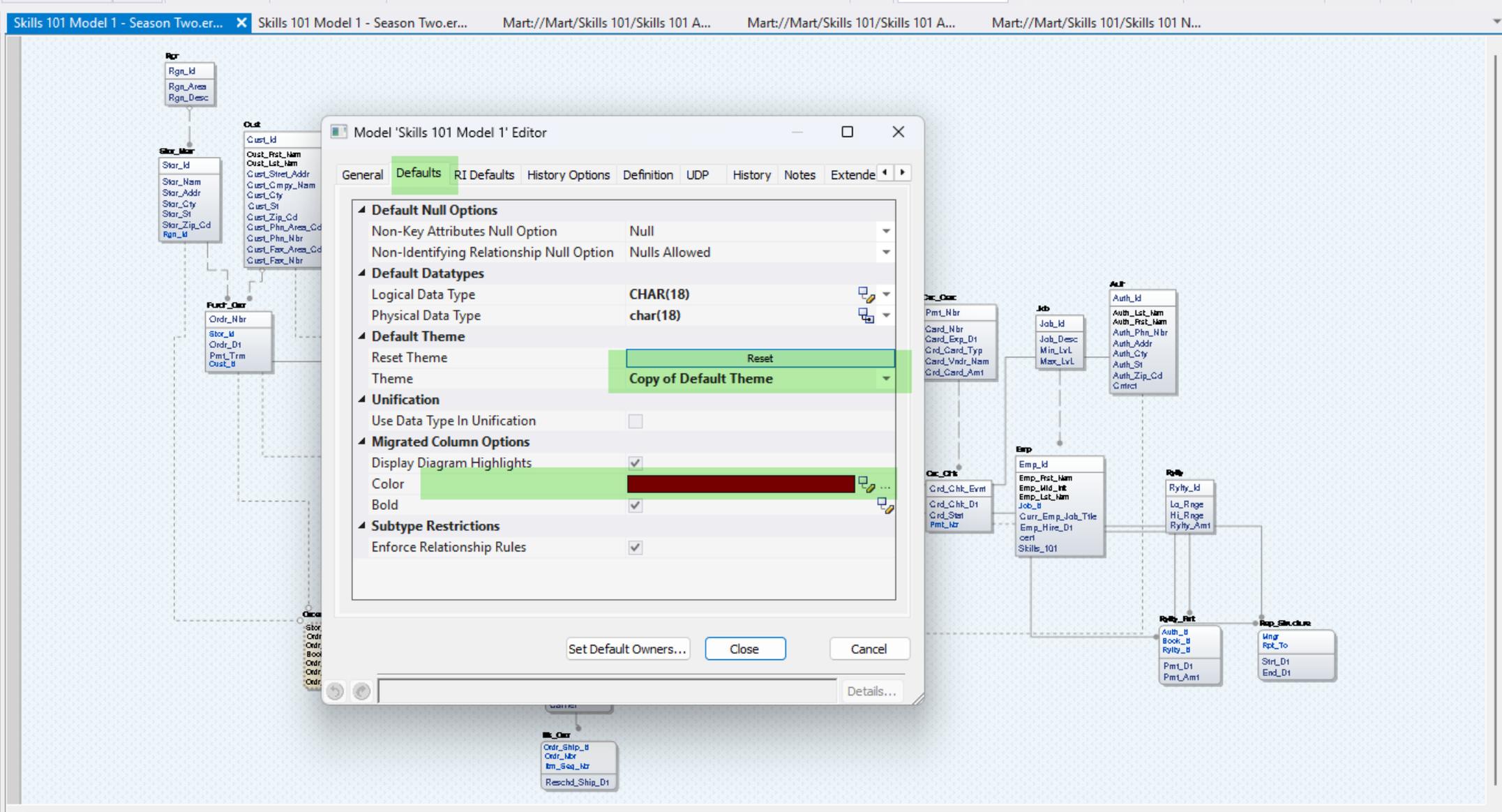
Close Cancel Details...





Model Explorer

- Domains
- ER Diagrams
- External Data Sources
- External File Formats
- External Languages
- External Libraries
- Files
- Fulltext Catalogs
- Fulltext Stoplists
- Functions
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- Model Sources
- Naming Standards
- Partition Functions
- Partition Schemes
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  - Classic Theme
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Model 'Skills 101 Model 1' Editor

General Defaults RI Defaults History Options Definition UDP History Notes Extended

**Default Null Options**

- Non-Key Attributes Null Option: Null
- Non-Identifying Relationship Null Option: Nulls Allowed

**Default Datatypes**

- Logical Data Type: CHAR(18)
- Physical Data Type: char(18)

**Default Theme**

- Reset Theme: Reset
- Theme: Copy of Default Theme

**Unification**

- Use Data Type In Unification:

**Migrated Column Options**

- Display Diagram Highlights:
- Color: [Color Picker]
- Bold:

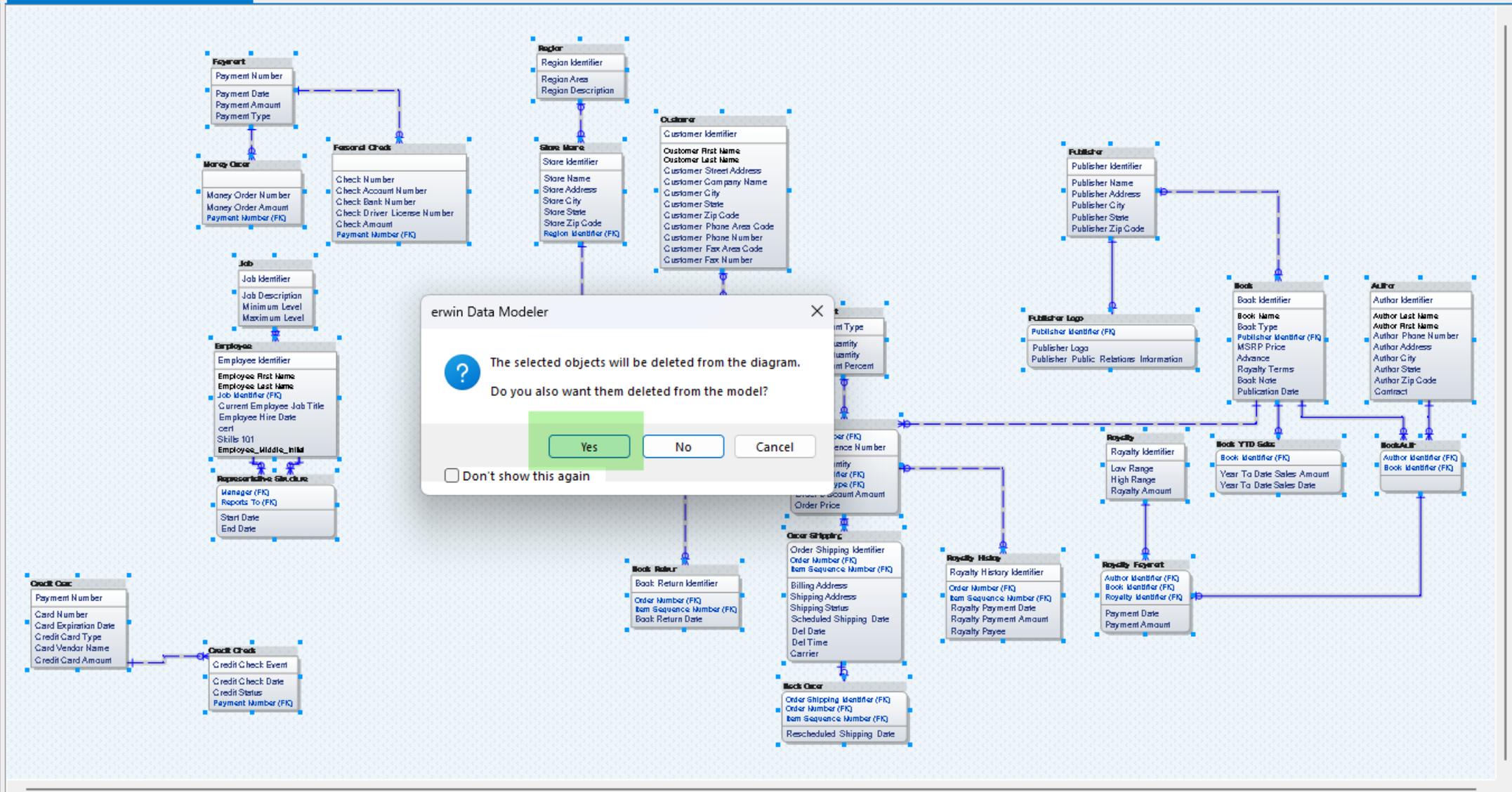
**Subtype Restrictions**

- Enforce Relationship Rules:

Buttons: Set Default Owners... Close Cancel Details...

Model Explorer

- Skills 101 Model 1
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
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  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
    - Classic Theme
    - Copy of Default Theme
    - DARK Theme
    - Default Theme
  - Validation Rules



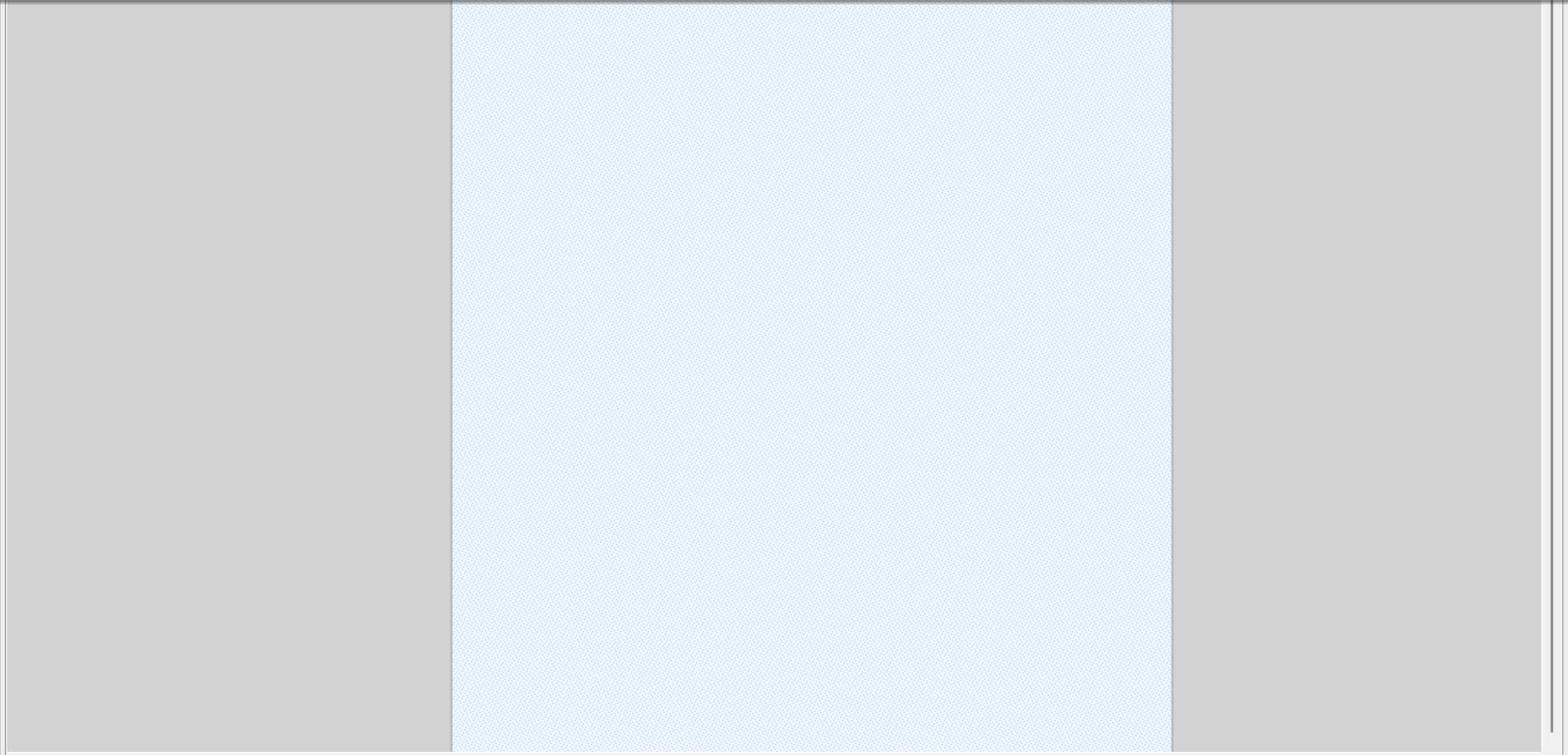
erwin Data Modeler

The selected objects will be deleted from the diagram.  
Do you also want them deleted from the model?

Don't show this again

Naming Standards Naming Standards Compliance Manage Name Hardening Naming Model Naming Options Datatype Standards Volumetrics Add-Ins Current Selected... Diagram Picture Report Designer Query Tool erwin DM Scheduler Objects Count Object Browser Project Explorer Options Customize Spell Checker Import... Export... Bridges

- Annotations
- Data Vault 2.0
- Datatype Standards
- Default Values
- Domains
  - <default>
  - Blob
  - Datetime
  - Last Name
  - Number
  - String
- Entities
- ER Diagrams
- Model Sources
- Naming Standards
- Publication System NSM
- Relationships
- Subject Areas
- Themes
  - Classic Theme
  - Copy of Default Theme
  - DARK Theme
  - Default Theme
- Validation Rules



Model Explorer

- Skills 101 Model 1
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
    - <default>
    - Blob
    - Datetime
    - Last Name
    - Number
    - String
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Publication System NSM
  - Relationships
  - Subject Areas
  - Themes
    - Classic Theme
    - Copy of Default Theme
    - DARK Theme
    - Default Theme
  - Validation Rules

### Model Naming Options

Logical | Physical | **Name Mapping** | Duplicate Names

Object Type	Macro Name	Use Glossa	Abbreviation Ty	Prefix	Suffix
Entity to Table	%EntityName()	<input checked="" type="checkbox"/>	Abbreviation		
Domains	%DomainName	<input checked="" type="checkbox"/>	Abbreviation		
Attribute to Column	%AttName	<input checked="" type="checkbox"/>	Abbreviation		
Relationships	%RelName				
Key Group to Index	%KeyName				
Validation Rules					

Special Characters:

Remove Vowels.

The settings on this tab are used to create the physical names of objects in the current model. These settings are also the defaults used when a physical model is derived from the logical level of this model or when this model is added as a model source to a physical model.

Macro Toolbox

Reset Names...

OK Cancel

Model Explorer

- Skills 101 Model 1
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
    - <default>
    - Blob
    - Datetime
    - Last Name
    - Number
    - String
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
    - Publication System NSM
  - Relationships
  - Subject Areas
  - Themes
    - Classic Theme
    - Copy of Default Theme
    - DARK Theme
    - Default Theme
  - Validation Rules

Naming Standard 'Publication System NSM' Editor

Enter filter text

Name	Match Whole Words Only	Match Whole Name Only	Is Active	Physical to Logical
Publication System NSM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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Logical Physical Glossary Definition Notes Extended Notes

Word Type: All

Word/Words	Abbreviation	Alt Abbreviation	P	M1	M2	C	Definition
Account	Acct		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Address	Addr		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Advance	Advnc		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Amount	Amt		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Area	Area		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Author	Auth		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Back	Bk		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Bank	Bnk		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Billing	Blng		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Book	Book		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Card	Card		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Close Cancel

Details...

Model Explorer

- Skills 101 Model 1
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
    - <default>
    - Blob
    - Datetime
    - Last Name
    - Number
    - String
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
    - Classic Theme
    - Copy of Default Theme
    - DARK Theme
    - Default Theme
  - Validation Rules

Theme 'Copy of Default Theme' Editor

Enter filter text

Name	Default Font	Diagram Fill	Entity Font	Entity Fill	Attribute F...	FK Attribute F...	FK Attribute C...
Classic Theme	Micr...		Mi...		Micr...	Micros...	
Copy of Default Theme	Micr...		Mi...		Micr...	Micros...	
DARK Theme							
Default Theme	Micr...		Mi...		Micr...	Micros...	

---

Defaults Entity Attribute Key View Relationship Subtype Symbol Annotation/Shape Where Used Definition UDP

**Name Display**

- Font Options: Microsoft Sans Serif
- Fill Options: No style specified
- Outline Options: No style specified

**Definition Display**

- Font Options: Microsoft Sans Serif
- Fill Options: No style specified
- Outline Options: No style specified

**Attribute Display Fonts**

- Owned Attribute: Microsoft Sans Serif
- Expression: Microsoft Sans Serif

Sample Name Display: AaBbYyZz

Sample Definition Display: AaBbYyZz

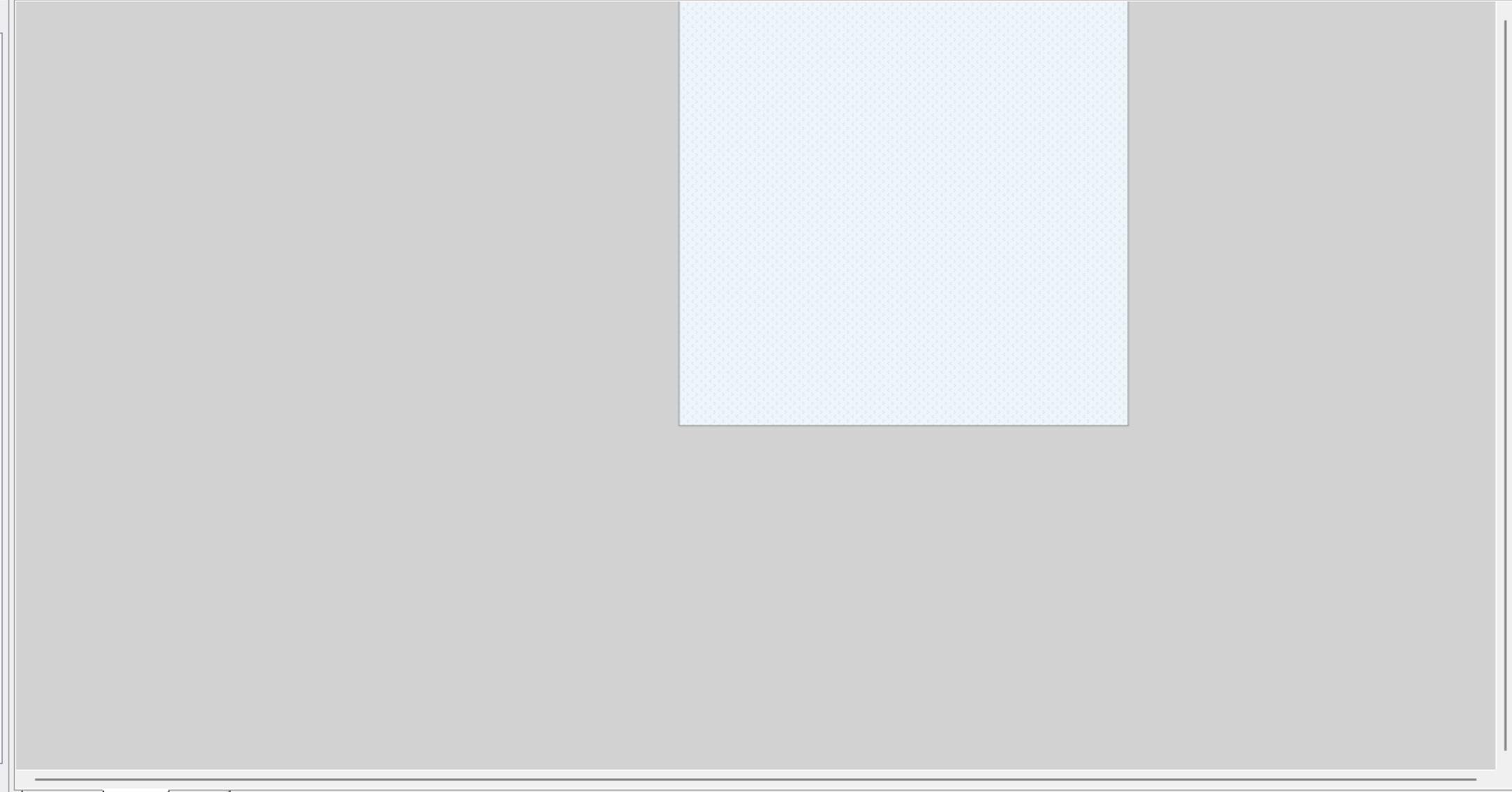
Close Cancel

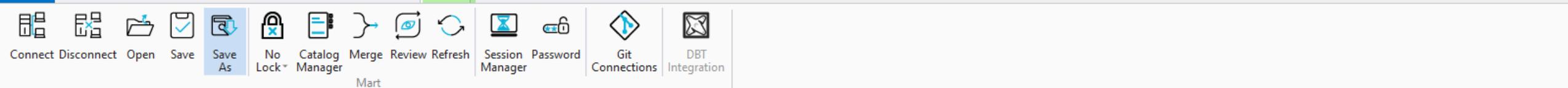
Details...

Model Explorer

- Skills 101 Model 1
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
    - Classic Theme
    - Copy of Default Theme
    - DARK Theme
    - Default Theme
  - Validation Rules

Model Subject Area





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

Save As  
Save As Mart Model



Model Explorer

- Skills 101 Model 1
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
  - Entities
  - ER Diagrams
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    - DARK Theme
    - Default Theme
  - Validation Rules

Save

Catalog:

- Mart
  - \_SDLC
  - Advanced Models
  - Demonstration Models
  - Model Templates
  - Orade AI World 2025
  - PAHHS
  - Projects
  - RE Configurations
  - Skills 101

Name	Creator	Last Modifier	Modified On	Entity/...	Attribu...	Relatio...
Skills 101 AMT	erwinadmin	erwinadmin	2/10/2026 15:50:00	0	0	0
Skills 101 AMT Domain 99	erwinadmin	erwinadmin	2/10/2026 19:47:00	0	0	0
Skills 101 Model 1	erwinadmin	erwinadmin	2/10/2026 12:39:00	26	170	40
Skills 101 Model 1 - Season Two	erwinadmin	erwinadmin	2/10/2026 19:51:00	26	170	40
Skills 101 Model 1 AMT Applied	erwinadmin	erwinadmin	2/10/2026 16:00:00	26	170	40
Skills 101 New AMT	erwinadmin	erwinadmin	2/11/2026 08:26:00	0	0	0

Model Name: Skills 101 New AMT  Show Templates only

Mark As Template

Maintain Multiple Versions

Description



# The Active Model Template (AMT)

Model Explorer

- Skills 101 New AMT
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
    - Classic Theme
    - Copy of Default Theme
    - DARK Theme
    - Default Theme
  - Validation Rules

Theme 'Copy of Default Theme' Editor

Name	Default Font	Diagram Fill	Entity Font	Entity Fill	Attribute F...	FK Attribute F...	FK Attribute C...
Classic Theme	Micr...		Mi...		Micr...	Micros...	
Copy of Default Theme	Micr...		Mi...		Micr...	Micros...	
DARK Theme							
Default Theme	Micr...		Mi...		Micr...	Micros...	

Defaults Entity Attribute Key View Relationship Subtype Symbol Annotation/Shape Where Used Definition UDP

All object types will inherit these settings

- Font settings
  - Font Options
- Fill settings
  - Fill Options
- Line settings
  - Line Options
- Outline settings
  - Outline Options
- Diagram Fill
  - Fill Options

General Font Editor

General Font Style Options

Name	Microsoft Sans Se
Size	20
Color	
Bold	<input type="checkbox"/>
Italic	<input type="checkbox"/>
Strikethrough	<input type="checkbox"/>
Underline	<input type="checkbox"/>

Sample: AaBbYyZ z

Model Explorer

- Skills 101 New AMT
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
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Theme 'Copy of Default Theme' Editor

Name	Default Font	Diagram Fill	Entity Font	Entity Fill	Attribute F...	FK Attribute F...	FK Attribute C...
Classic Theme	Micr...		Mi...		Micr...	Micros...	
Copy of Default Theme	Micr...		Mi...		Micr...	Micros...	
DARK Theme							
Default Theme	Micr...						

Enter filter text

General Fill Editor

General Fill Style Options

- Fill Style: Gradient
- Starting Color: [Color Picker]
- Ending Color: [Color Picker]
- Gradient Style: Linear
- Gradient Slope: 90
- Gradient Blend: No Blend specified
- Transparency: 0

Sample: [Color Swatch]

Close Cancel

Model Explorer

- Skills 101 New AMT
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
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  - Themes
    - Classic Theme
    - Copy of Default Theme
    - DARK Theme
    - Default Theme
  - Validation Rules

Theme 'Copy of Default Theme' Editor

Enter filter text

Name	Default Font	Diagram Fill	Entity Font	Entity Fill	Attribute F...	FK Attribute F...	FK Attribute C...
Classic Theme	Micr...	[Pattern]	Mi...	[Color]	Micr...	Micros...	[Color]
Copy of Default Theme	Micr...	[Pattern]	Mi...	[Color]	Micr...	Micros...	[Color]
DARK Theme	[Color]	[Color]	[Color]	[Color]	[Color]	[Color]	[Color]
Default Theme	Micr...	[Color]	Mi...	[Color]	Micr...	Micros...	[Color]

Entity

Sample Name Display

Sample Definition Display

Entity Text Font Editor

Entity Font Style Options

- Name: Microsoft Sans
- Size: 24
- Color: [Color]
- Bold:
- Italic:
- Strikethrough:
- Underline:

Sample: AaBbYyZz

Model Explorer

- Skills 101 New AMT
  - Annotations
  - Data Vault 2.0
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Theme 'Copy of Default Theme' Editor

Enter filter text

Name	Default Font	Diagram Fill	Entity Font	Entity Fill	Attribute F...	FK Attribute F...	FK Attribute C...
Classic Theme	Micr...		Mi...		Micr...	Micros...	
Copy of Default Theme	Micr...		Mi...		Micr...	Micros...	
DARK Theme							
Default Theme	Micr...		Mi...		Micr...	Micros...	

---

Defaults Entity **Attribute** Key View Relationship Subtype Symbol Annotation/Shape Where Used Definition UDP

- Owned Attribute Font
  - Font Options: Microsoft Sans Serif
- Foreign Key Style Inheritance
  - Font Inheritance Type: None
  - Color Inheritance Type: None
- Foreign Key Attribute Font
  - Font Options: Microsoft Sans Serif
- Foreign Key Attribute Color
  - Color: [Red Color]

Sample Owned Attribute: AaBbYyZz

Sample Foreign Key: AaBbYyZz

Close Cancel

Details...

Model Explorer

- Skills 101 New AMT
  - Annotations
  - Data Vault 2.0
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  - Default Values
  - Domains
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
    - Classic Theme
    - Copy of Default Theme
    - DARK Theme
    - Default Theme
  - Validation Rules

Theme 'Copy of Default Theme' Editor

Enter filter text

Name	Default Font	Diagram Fill	Entity Font	Entity Fill	Attribute F...	FK Attribute F...	FK Attribute C...
Classic Theme	Micr...		Mi...		Micr...	Micros...	
Copy of Default Theme	Micr...		Mi...		Micr...	Micros...	
DARK Theme							
Default Theme	Micr...		Mi...		Micr...	Micros...	

Attribute Editor

Defaults Entity Attribute Key View Relationship Subtype Symbol Annotation/Shape Where Used Definition UDP

Owned Attribute Font: Microsoft Sans Serif

Foreign Key Style Inheritance: None

Foreign Key Attribute Font: Owned Attribute Font Editor

Entity Owned Attribute Font Style Options: Microsoft Sans, 20, Color, Bold, Italic, Strikethrough, Underline

Sample Owned Attribute: AaBbYyZz

Sample Foreign Key: AaBbYyZz

Close Cancel

Model Explorer

- Skills 101 New AMT
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
    - Classic Theme
    - Copy of Default Theme
    - DARK Theme
    - Default Theme
  - Validation Rules

Theme 'Copy of Default Theme' Editor

Enter filter text

Name	Default Font	Diagram Fill	Entity Font	Entity Fill	Attribute F...	FK Attribute F...	FK Attribute C...
Classic Theme	Micr...		Mi...		Micr...	Micros...	
Copy of Default Theme	Micr...		Mi...		Micr...	Micros...	
DARK Theme							
Default Theme	Micr...		Mi...		Micr...	Micros...	

Defaults Entity Attribute Key View Relationship Subtype Symbol Annotation/Shape Where Used Definition UDP

**Key Display Preference**  
Style Preference: Show AK Style if both apply

**Alternate Key (AK) Attribute Font**  
Font Options: Microsoft Sans Serif

**Inversion Entry (IE) Attribute Font**  
Font Options: Microsoft Sans Serif

Sample Alternate Key (AK) Attribute Font: AaBbYyZz

Sample Inversion Entry (IE) Attribute Font: AaBbYyZz

Close Cancel

Alternate Key (AK) Font Editor

**Entity Alternate Key Font Style Options**

Name: Microsoft Sans Serif

Size: 20

Color: [Color Picker]

Bold:

Italic:

Strikethrough:

Underline:

Sample: AaBbYyZz

Close Cancel

Model Explorer

- Skills 101 New AMT
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
    - Classic Theme
    - Copy of Default Theme
    - DARK Theme
    - Default Theme
  - Validation Rules

Theme 'Copy of Default Theme' Editor

Enter filter text

Name	Default Font	Diagram Fill	Entity Font	Entity Fill	Attribute F...	FK Attribute F...	FK Attribute C...
Classic Theme	Micr...	[Pattern]	Mi...	[Color]	Micr...	Micros...	[Color]
Copy of Default Theme	Micr...	[Pattern]	Mi...	[Color]	Micr...	Micros...	[Color]
DARK Theme	[Color]	[Color]	[Color]	[Color]	[Color]	[Color]	[Color]
Default Theme	Micr...	[Color]	Mi...	[Color]	Micr...	Micros...	[Color]

View

Sample Name Display

Sample Definition Display

Close Cancel

View Text Font Editor

View Font Style Options

Name: Microsoft Sans

Size: 20

Color: [Color]

Bold:

Italic:

Strikethrough:

Underline:

Sample: AaBbYyZ z

Close Cancel

Model Explorer

- Skills 101 New AMT
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
    - Classic Theme
    - Copy of Default Theme
    - DARK Theme
    - Default Theme
  - Validation Rules

Model Subject Area

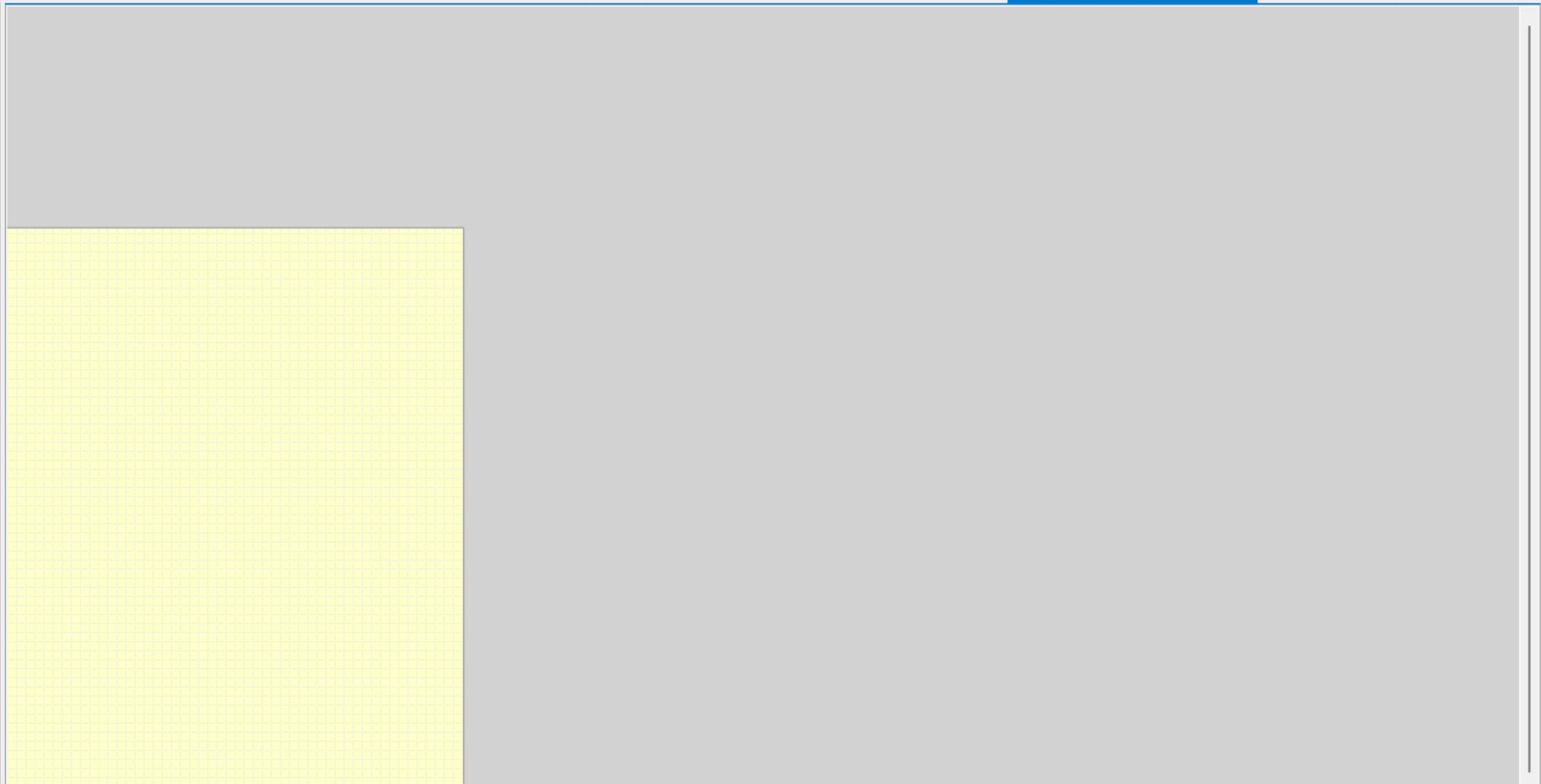




Model Explorer

Skills 101 Model 1 - Season Two.er... Skills 101 Model 1 - Season Two.er... Mart://Mart/Skills 101/Skills 101 A... Mart://Mart/Skills 101/Skills 101 A... Mart://Mart/Skills 101/Skills 101 N... Mart://Mart/Skills 101/Skills 101 M...

- Skills 101 New AMT
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
    - Classic Theme
    - Copy of Default Theme
    - DARK Theme
    - Default Theme
  - Validation Rules



Model Subject Area

Conceptual Logical Physical

Bulk Editor

Model Explorer

- Skills 101 New AMT
  - Aggregates
  - Always Encrypted Keys
  - Annotations
  - Application Roles
  - Assemblies
  - Asymmetric Keys
  - Certificates
  - Credentials
  - 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
  - Resource Pools
  - Schemas
  - Script Templates
  - Sequences

Model Subject Area





# Applying the AMT

File Home View Diagram Project Explorer Model Mart Actions Tools Help

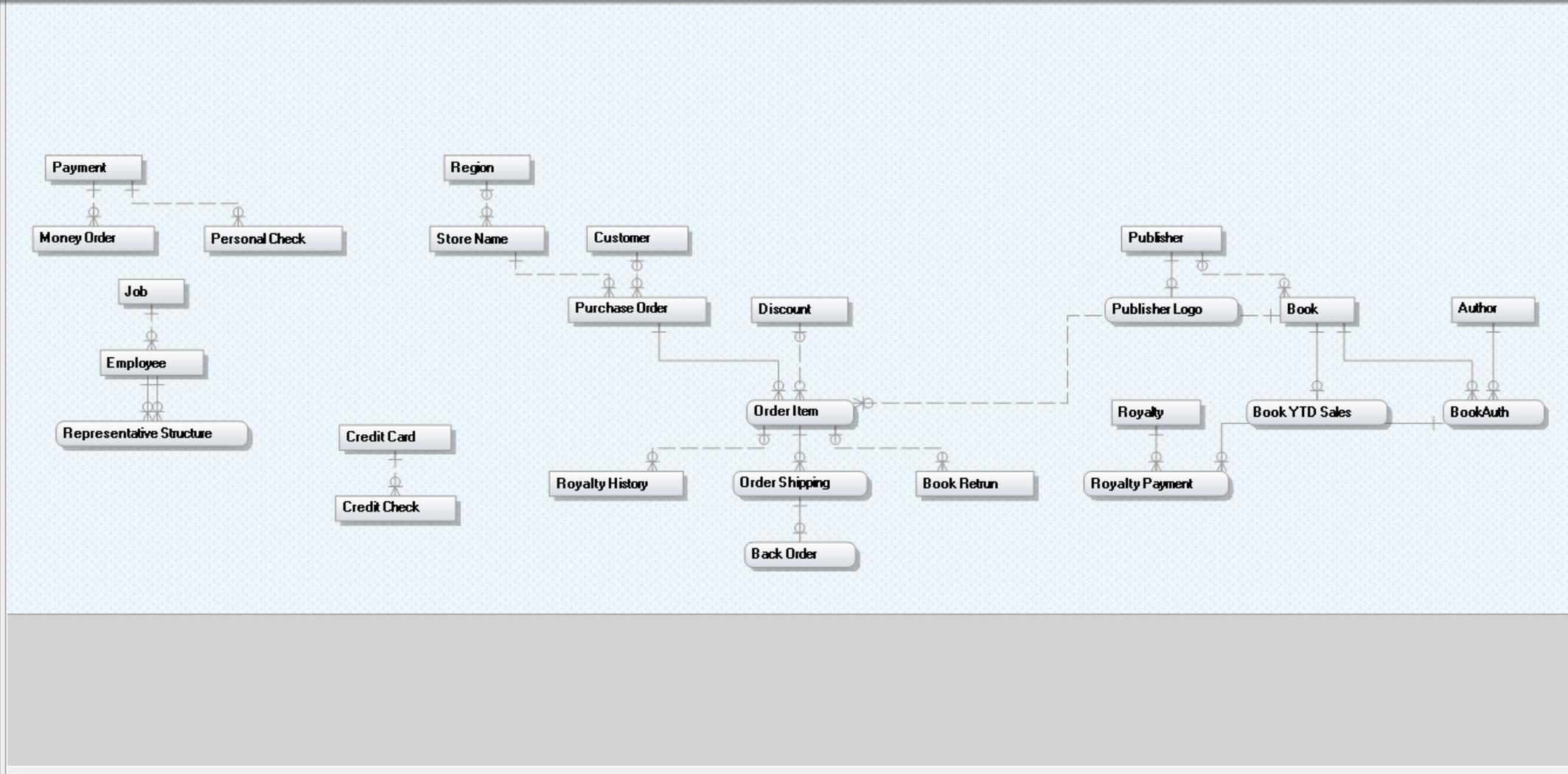
Model Templates Entity Sub-Category Identifying Non-Identifying Many-to-Many Annotation

Toolbox Drawing Clipboard Editing Data Vault 2.0

Copy Family Paste as Shortcut Delete Copy Copy Neighborhood Copy Hub Link Bridge PIT Reference Satellite

Select Go To... Find Replace

- Annotations
- Data Vault 2.0
- Datatype Standards
- Default Values
- Domains
  - <default>
  - Blob
  - Datetime
  - Last Name
  - Number
  - String
- 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

Toolbox

Drawing

Clipboard

Editing

Data Vault 2.0

Template Information

Bind Template...

Refresh Template...

Unbind Template

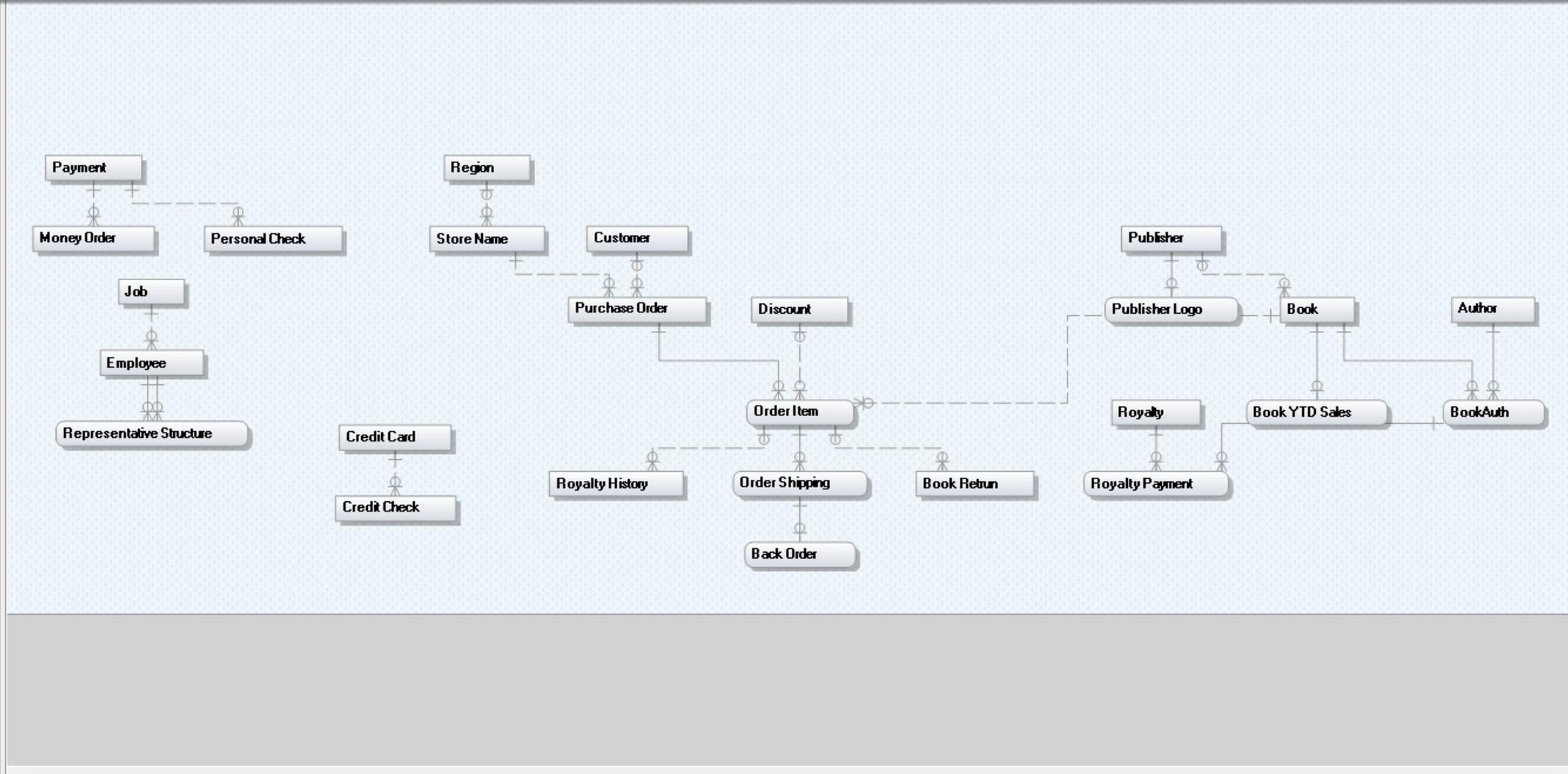
Define Filter...

Synchronize on Model Load

- Datetime
- Last Name
- Number
- String

Entities

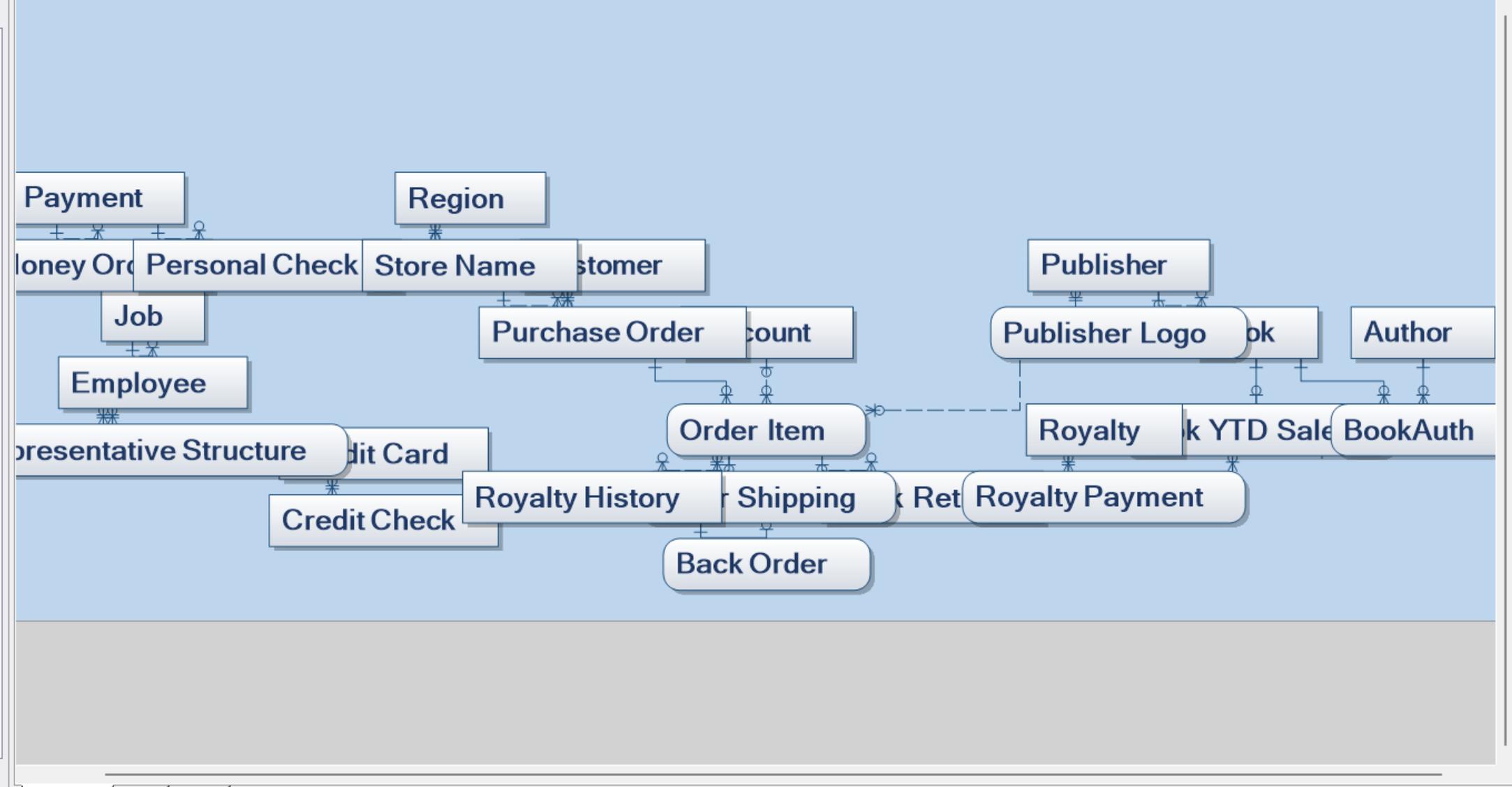
- ER Diagrams
- Model Sources
- Naming Standards
- Relationships
- Subject Areas
- Themes
- Validation Rules



Model Explorer

- Skills 101 New AMT
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
    - <default>
    - Blob
    - Datetime
    - Last Name
    - Number
    - String
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules

Model Explorer



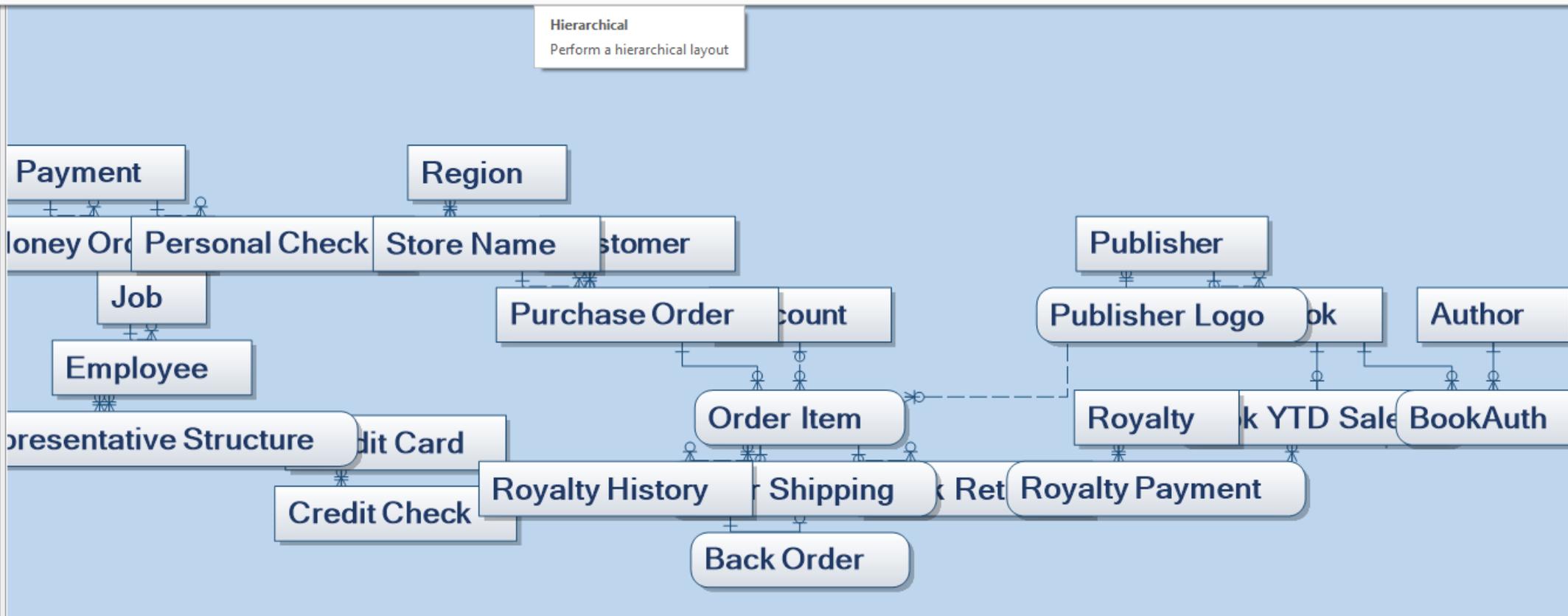
New Diagram  
Delete Diagram  
Diagrams...

Align Left, Align Center, Align Right, Align Top, Align Middle, Align Bottom  
Space Horizontally, Space Vertically  
Group, Ungroup

**Hierarchical** (selected)  
Orthogonal, Tree, Circular, Symmetric

Objects, Relationship Paths, Layout In Place  
Hide, Hide Neighborhood, Unhide  
Unhide All, Unhide

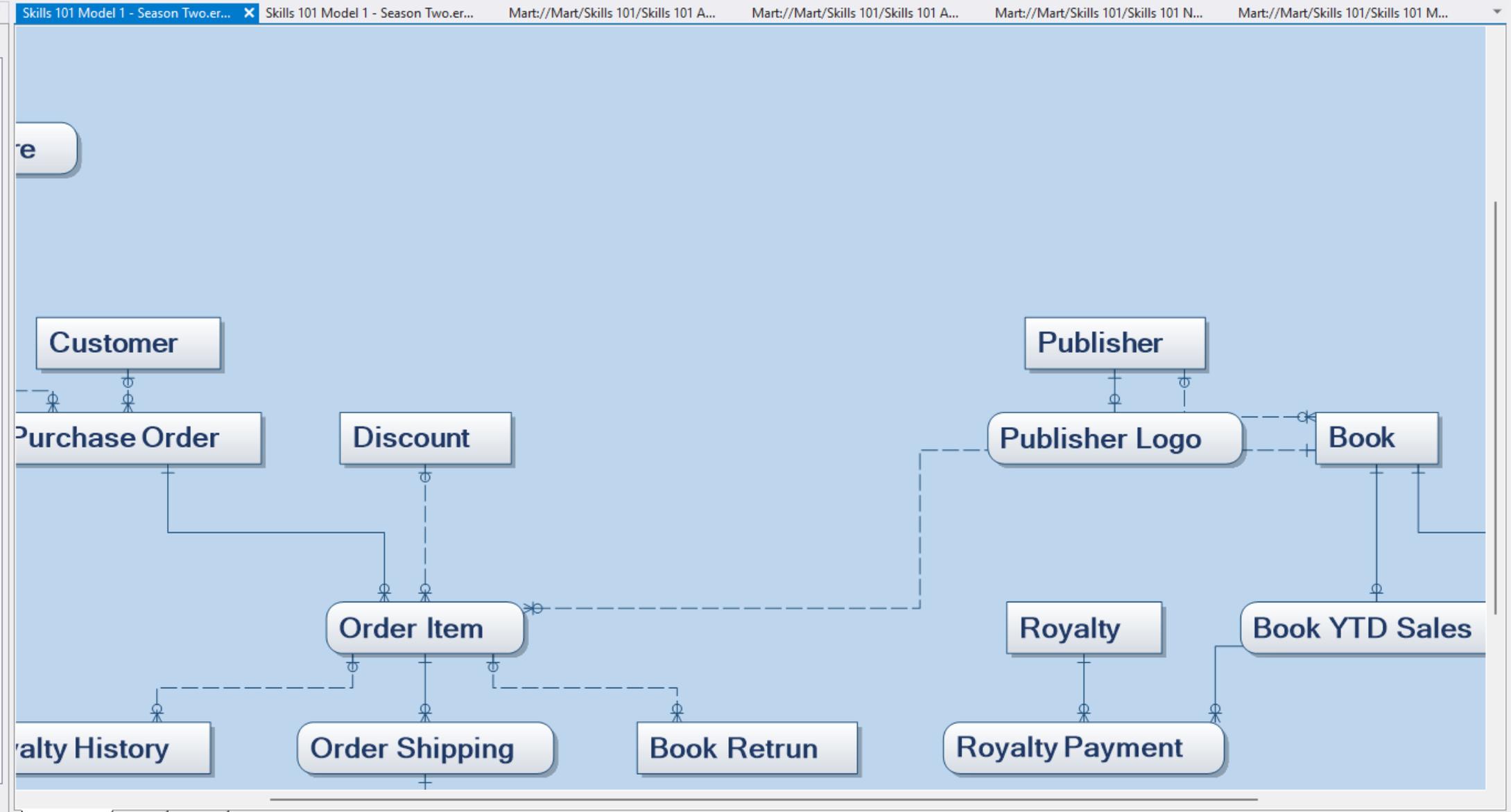
- Annotations
- Data Vault 2.0
- Datatype Standards
- Default Values
- Domains
- <default>
- Blob
- Datetime
- Last Name
- Number
- String
- Entities
- ER Diagrams
- Model Sources
- Naming Standards
- Relationships
- Subject Areas
- Themes
- Validation Rules



**Hierarchical**  
Perform a hierarchical layout

Model Explorer

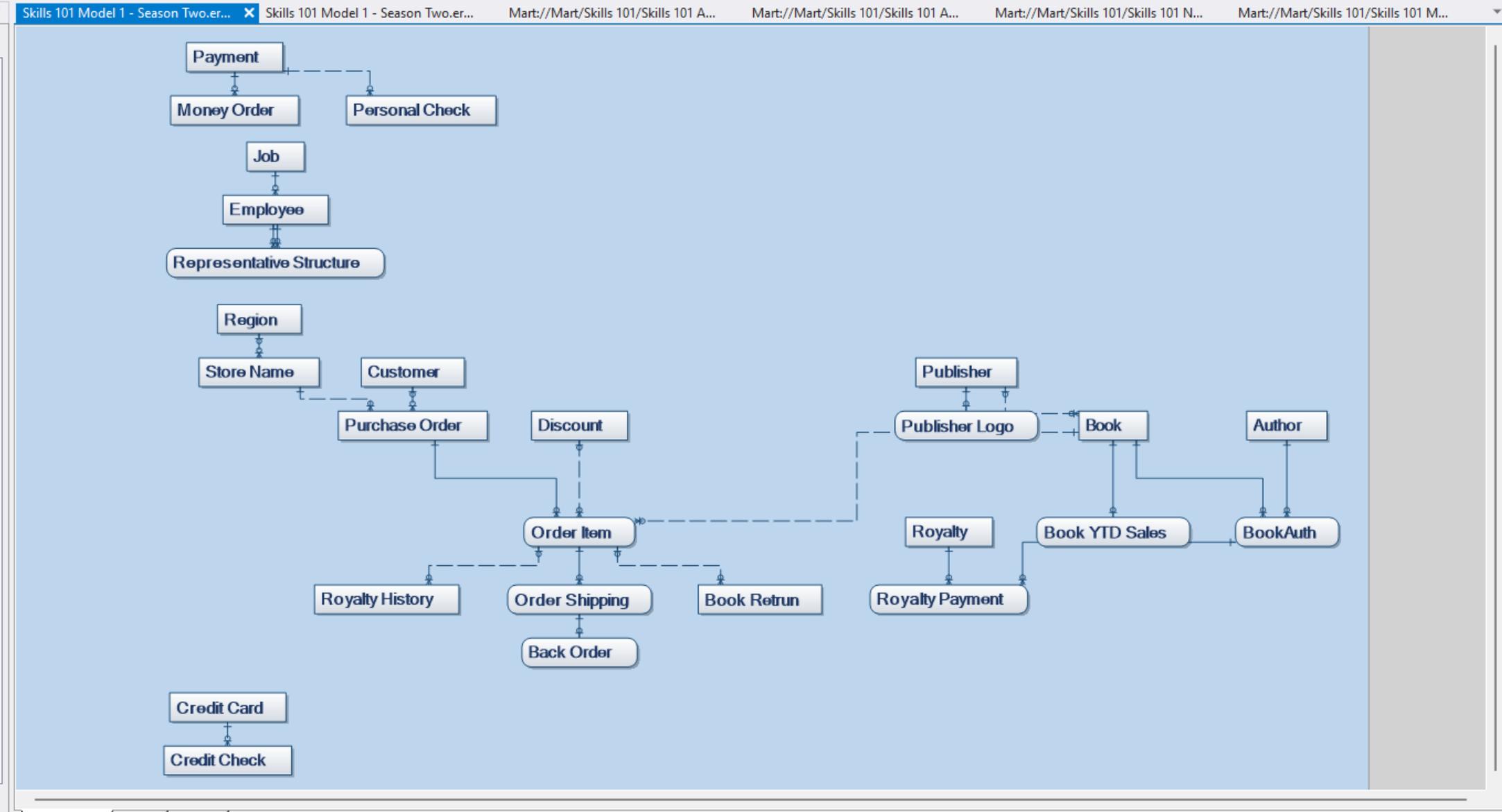
- Skills 101 New AMT
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
    - <default>
    - Blob
    - Datetime
    - Last Name
    - Number
    - String
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules



Model Explorer

- Skills 101 New AMT
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
    - <default>
    - Blob
    - Datetime
    - Last Name
    - Number
    - String
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules

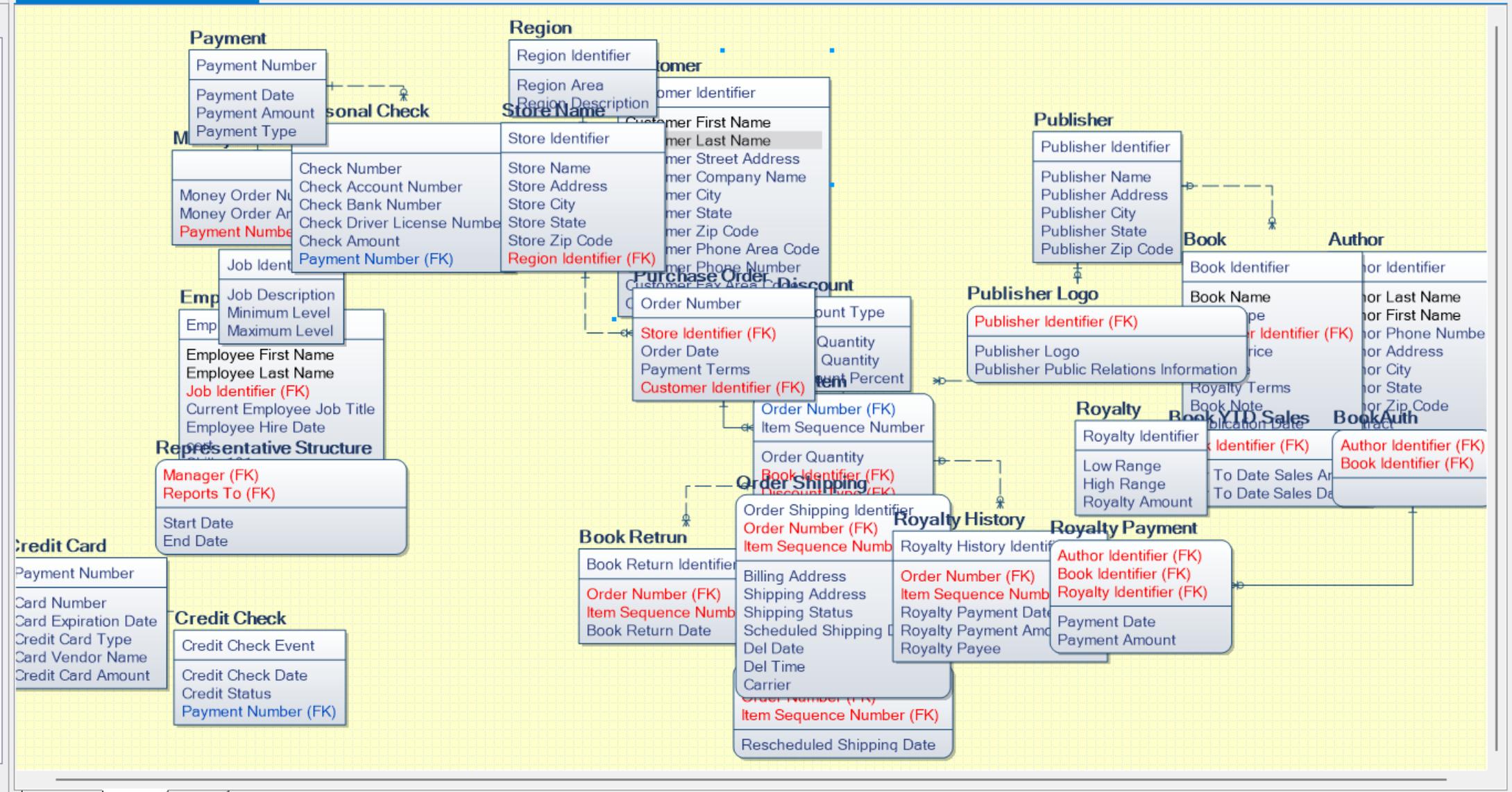
Model Subject Area



Model Explorer

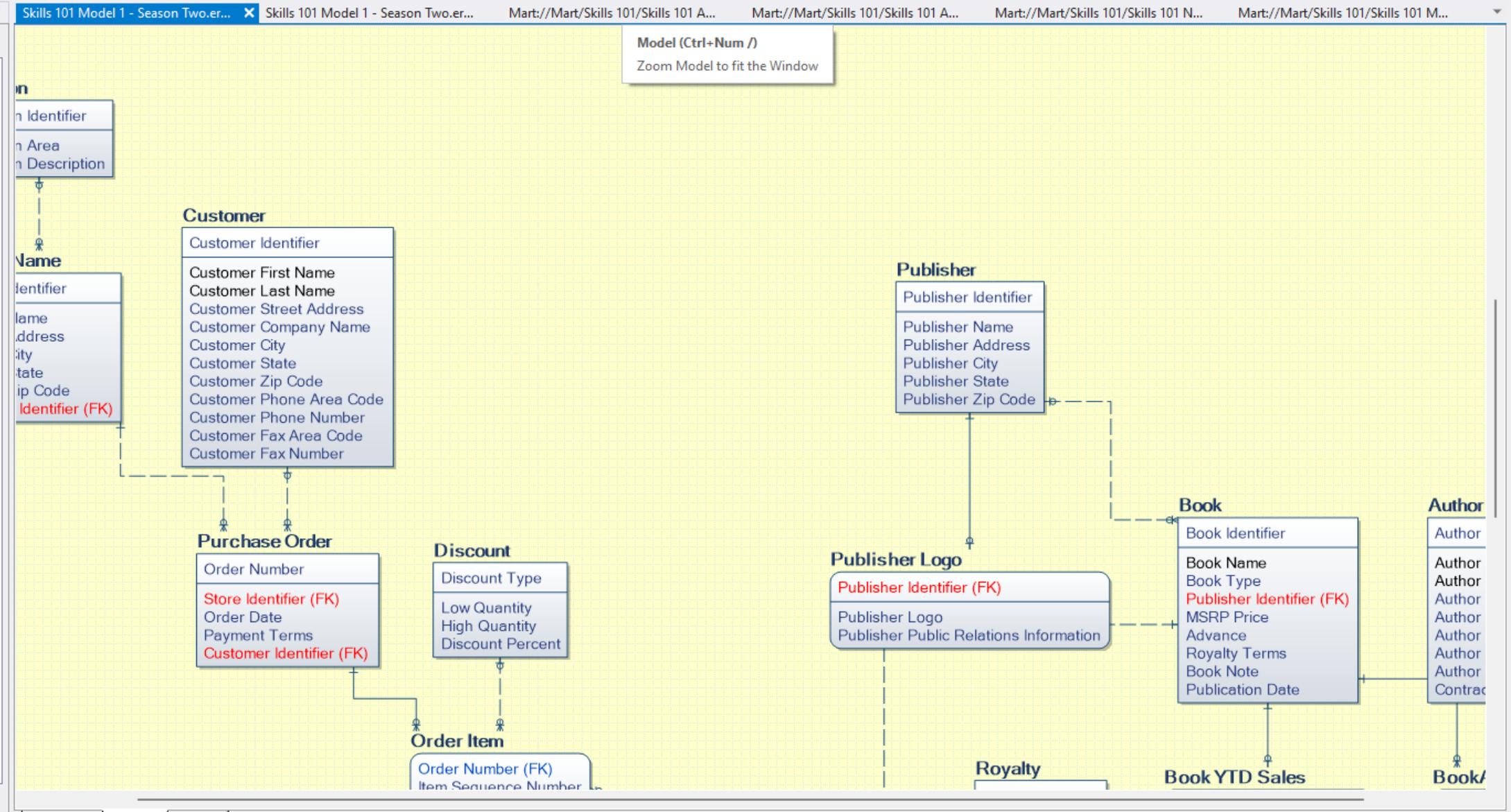
- Skills 101 New AMT
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
    - <default>
    - Blob
    - Datetime
    - Last Name
    - Number
    - String
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules

Model Subject Area



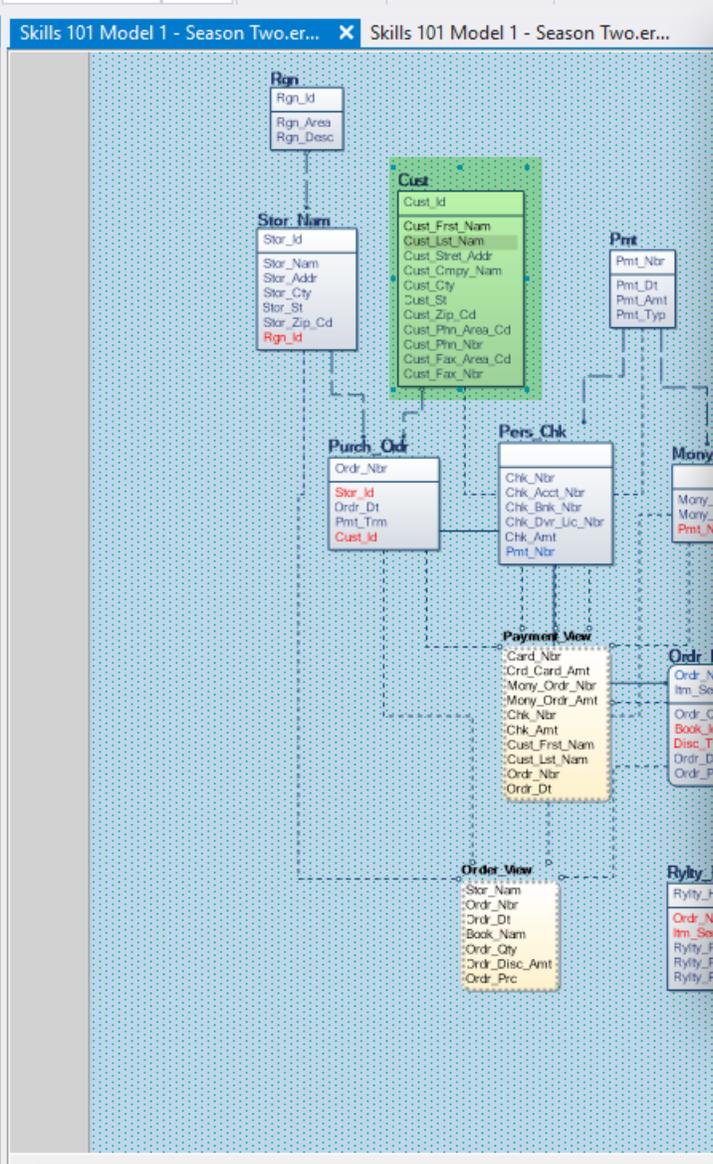
Model Explorer

- Skills 101 New AMT
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
    - <default>
    - Blob
    - Datetime
    - Last Name
    - Number
    - String
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules



Model Explorer

- 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**
  - Publication System NSM**
- Partition Schemes
- Permissions
- Relationships
- Resource Pools
- Schemas
- Script Templates
- Sequences
- Server Audit Specifications
- Server Audits
- Stored Procedures
- Subject Areas
- Symmetric Keys
- Synonyms
- Tables
- Themes
  - Classic Theme
  - Copy of Default Theme
  - DARK Theme
  - Default Theme
- Trigger Templates
- Triggers
- User Ids
- Validation Rules



SQL Server Naming Standard 'Publication System NSM' Editor

Enter filter text

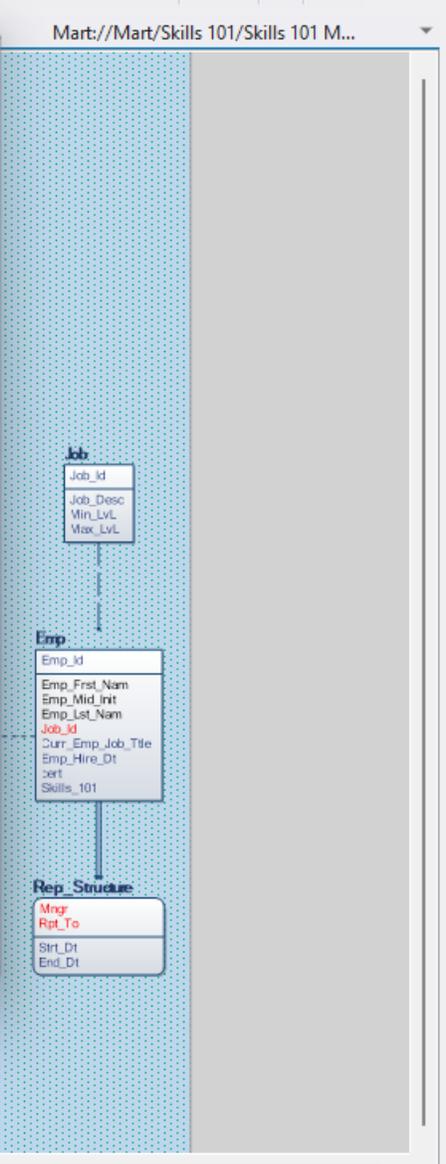
Name	Match Whole Words Only	Match Whole Name Only	Is Active	Physical to Logical
Publication System NSM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Logical Physical Glossary Definition Notes Extended Notes

Word Type: All

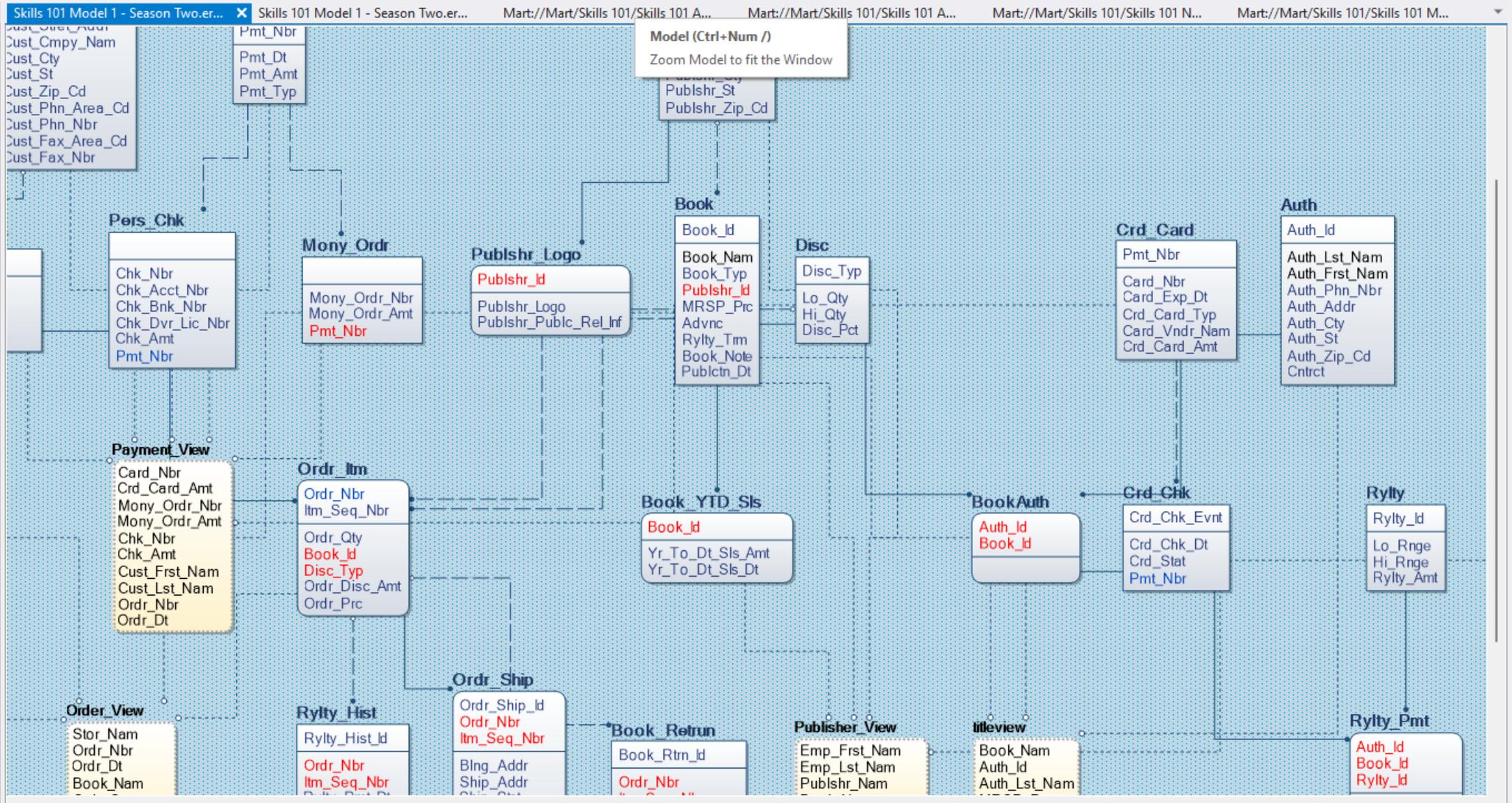
Word/Words	Abbreviation	Alt Abbreviation	P	M1	M2	C	Definition
Manager	Mngr		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Maximum	Max		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Middle	Mid		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Minimum	Min		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Money	Mony		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Name	Nam		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Note	Note		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Number	Nbr		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Order	Ord		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Payment	Pmt		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Percent	Pct		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Close Cancel Details...





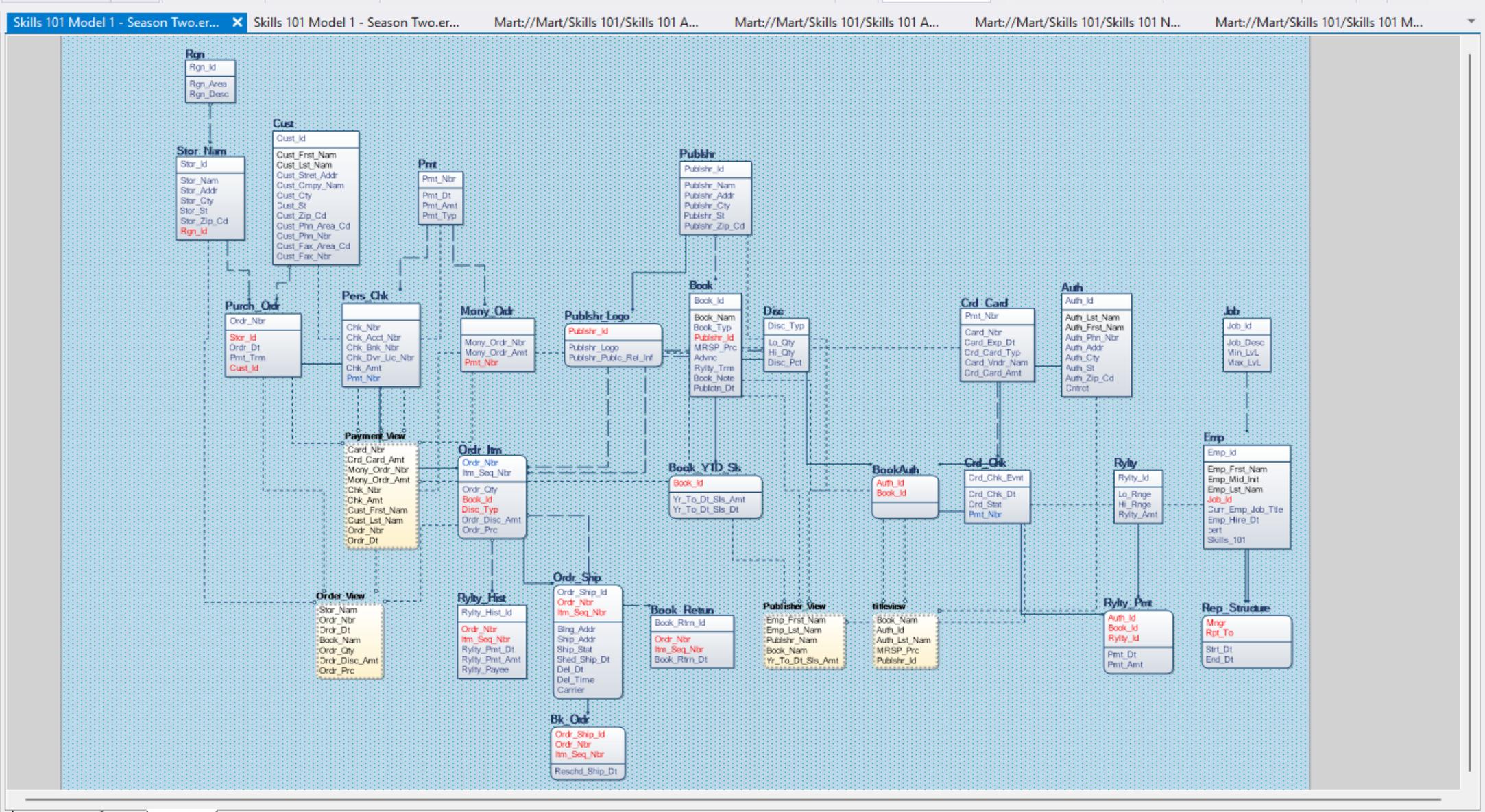
- Datatype Standards
- Default Values
- Domains
- ER Diagrams
- External Data Sources
- External File Formats
- External Languages
- External Libraries
- Files
- Fulltext Catalogs
- Fulltext Stoplists
- Functions
- Logins
- Model Sources
- Naming Standards
- Partition Functions
- Partition Schemes
- Permissions
- Relationships
- Resource Pools
- Schemas
- Script Templates
- Sequences
- Server Audit Specifications
- Server Audits
- Stored Procedures
- Subject Areas
- Symmetric Keys
- Synonyms
- Tables
- Themes
  - Classic Theme
  - Copy of Default Theme
  - DARK Theme
  - Default Theme
- Trigger Templates
- Triggers
- User Ids
- Validation Rules
- Views



Model Explorer

- Datatype Standards
- Default Values
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  - DARK Theme
  - Default Theme
- Trigger Templates
- Triggers
- User Ids
- Validation Rules
- Views

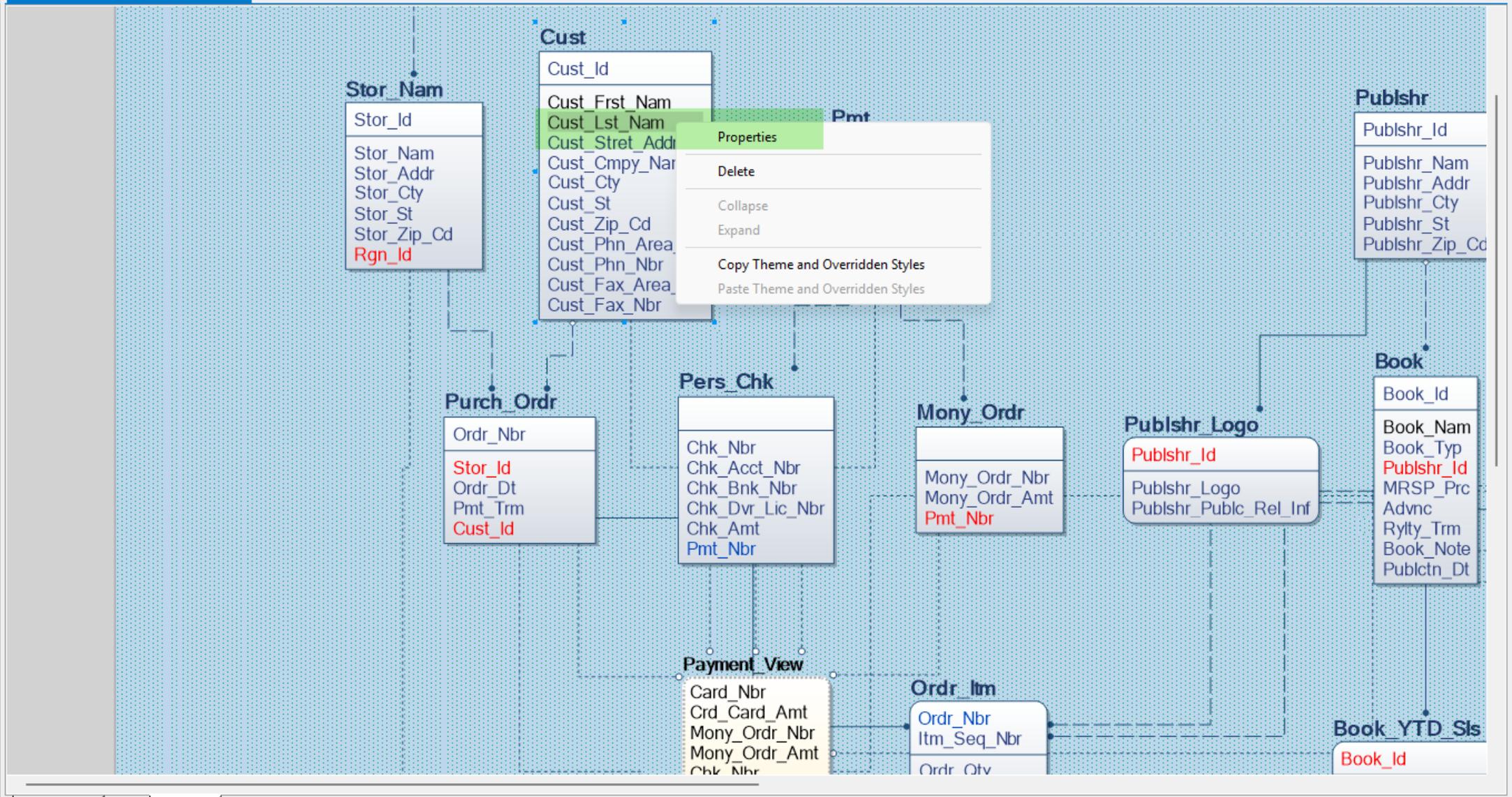
Model Subject Area



Model Explorer

- Datatype Standards
- Default Values
- Domains
- ER Diagrams
- External Data Sources
- External File Formats
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Model Subject Area



Model Explorer Skills 101

- Datatype Standards
- Default Values
- Domains
- ER Diagrams
- External Data Sources
- External File Formats
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- Themes
  - Classic Theme
  - Copy of Default Theme
  - DARK Theme
  - Default Theme
- Trigger Templates
- Triggers
- User Ids
- Validation Rules
- Views

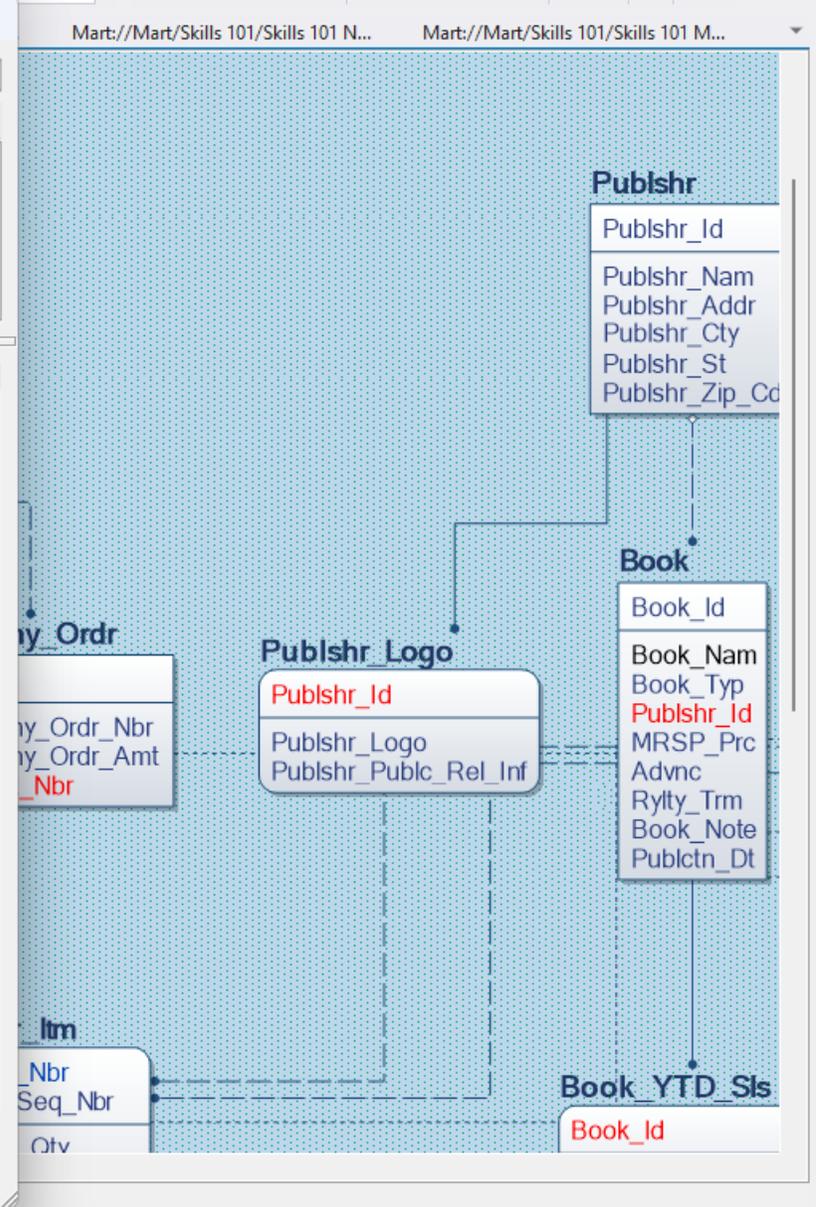
Table: Cust

Physical Name	Domain Parent	Physical Data Type	Primary Key	Foreign Key	Physical Only	SDI	Comments
Cust_Id	String	char(9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Cust_Frst_Nam	String	varchar(15)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Cust_Lst_Nam	String	varchar(25)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Property

Critical Data Element: No

Close Cancel



Model Explorer Skills 101

- Datatype Standards
- Default Values
- Domains
- ER Diagrams
- External Data Sources
- External File Formats
- External Languages
- External Libraries
- Files
- Fulltext Catalogs
- Fulltext Stoplists
- Functions
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- Model Sources
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- Partition Functions
- Partition Schemes
- Permissions
- Relationships
- Resource Pools
- Schemas
- Script Templates
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- Themes
  - Classic Theme
  - Copy of Default Theme
  - DARK Theme
  - Default Theme
- Trigger Templates
- Triggers
- User Ids
- Validation Rules
- Views

SQL Server Table 'Cust' Column 'Cust\_Lst\_Nam' Editor

Table: Cust

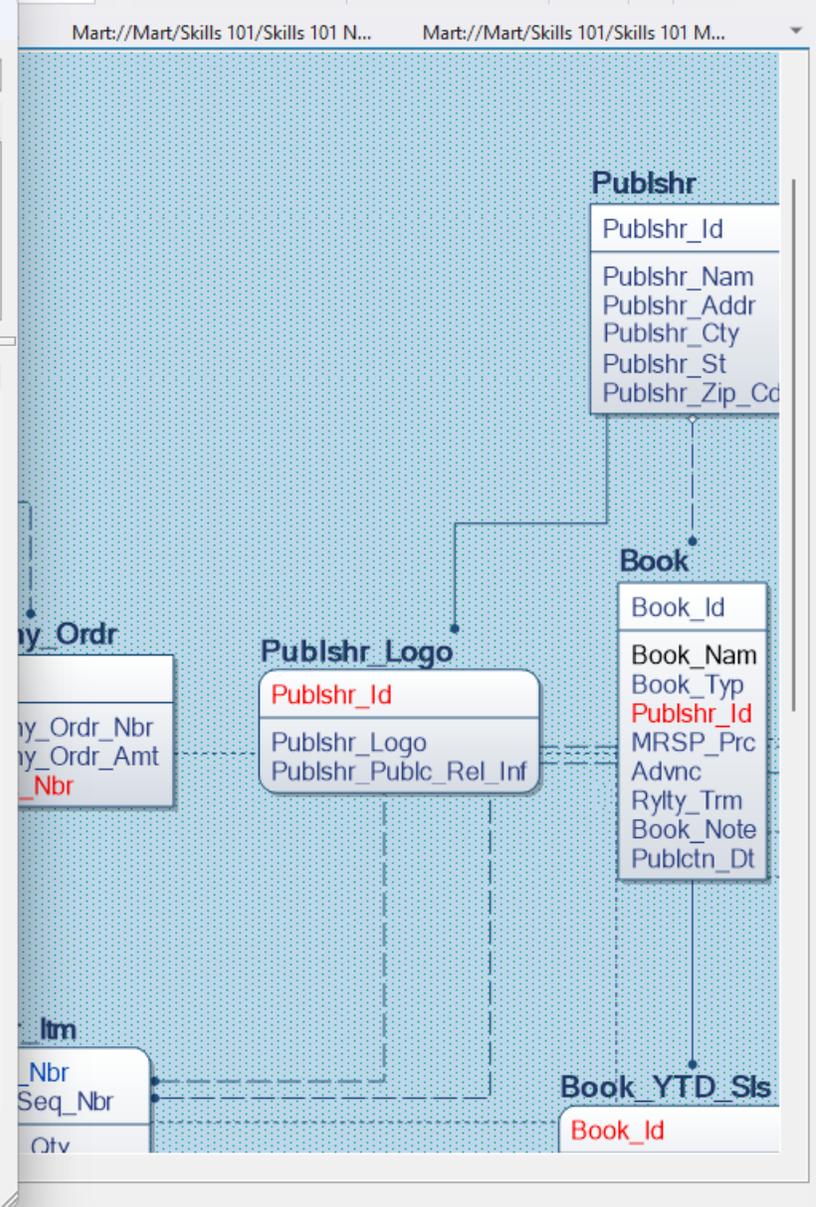
Physical Name	Domain Parent	Physical Data Type	Primary Key	Foreign Key	Physical Only	SDI	Comments
Cust_Id	String	char(9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Cust_Frst_Nam	String	varchar(15)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Cust_Lst_Nam	String	varchar(25)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Cust_Start_Addr	String	varchar(25)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Property: Lst\_Nam

Critical Data Element: No

Comment Business Terms Mapping Where Used UDP History Notes Extend

Close Cancel



Model Explorer Skills 101

- Datatype Standards
- Default Values
- Domains
- ER Diagrams
- External Data Sources
- External File Formats
- External Languages
- External Libraries
- Files
- Fulltext Catalogs
- Fulltext Stoplists
- Functions
- Logins
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- Partition Functions
- Partition Schemes
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- Synonyms
- Tables
- Themes
  - Classic Theme
  - Copy of Default Theme
  - DARK Theme
  - Default Theme
- Trigger Templates
- Triggers
- User Ids
- Validation Rules
- Views

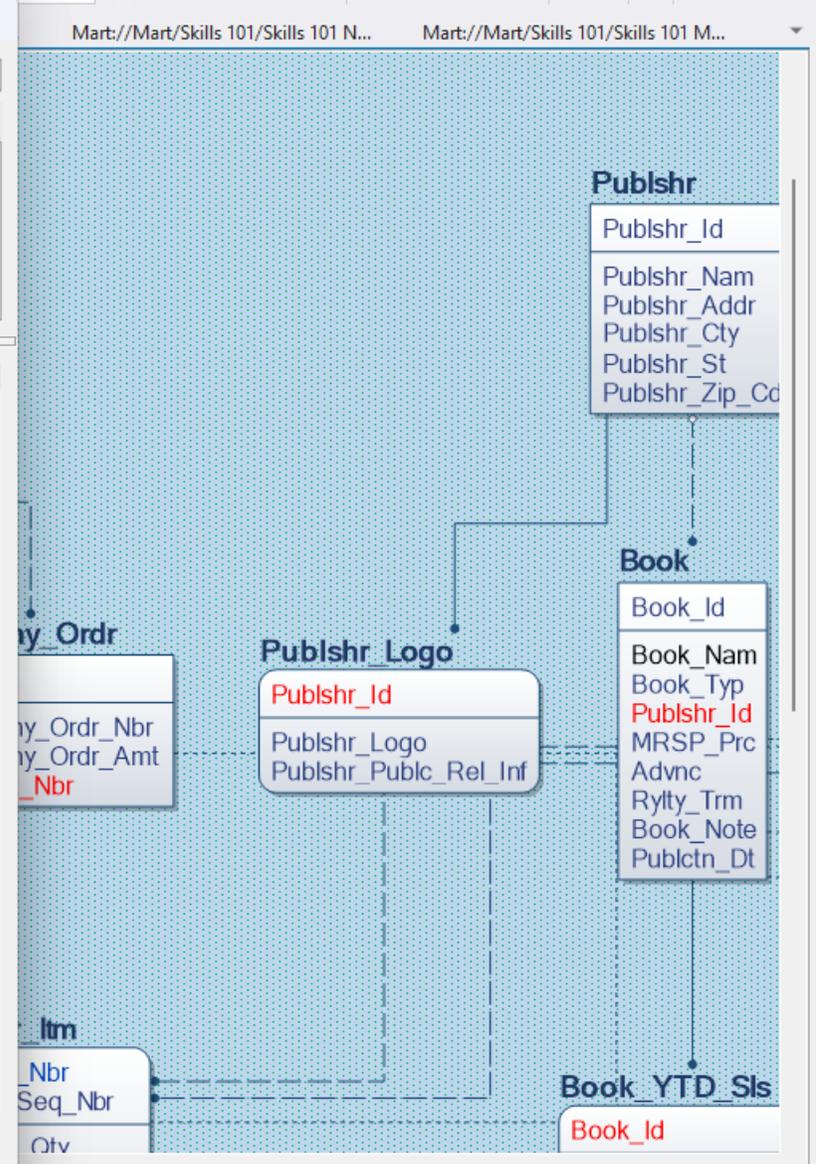
Table: Cust

Physical Name	Domain Parent	Physical Data Type	Primary Key	Foreign Key	Physical Only	SDI	Comments
Cust_Id	String	char(9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Cust_Frst_Nam	String	varchar(15)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Cust_Lst_Nam	Lst_Nam	char(30)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Property

Critical Data Element: No

Close Cancel

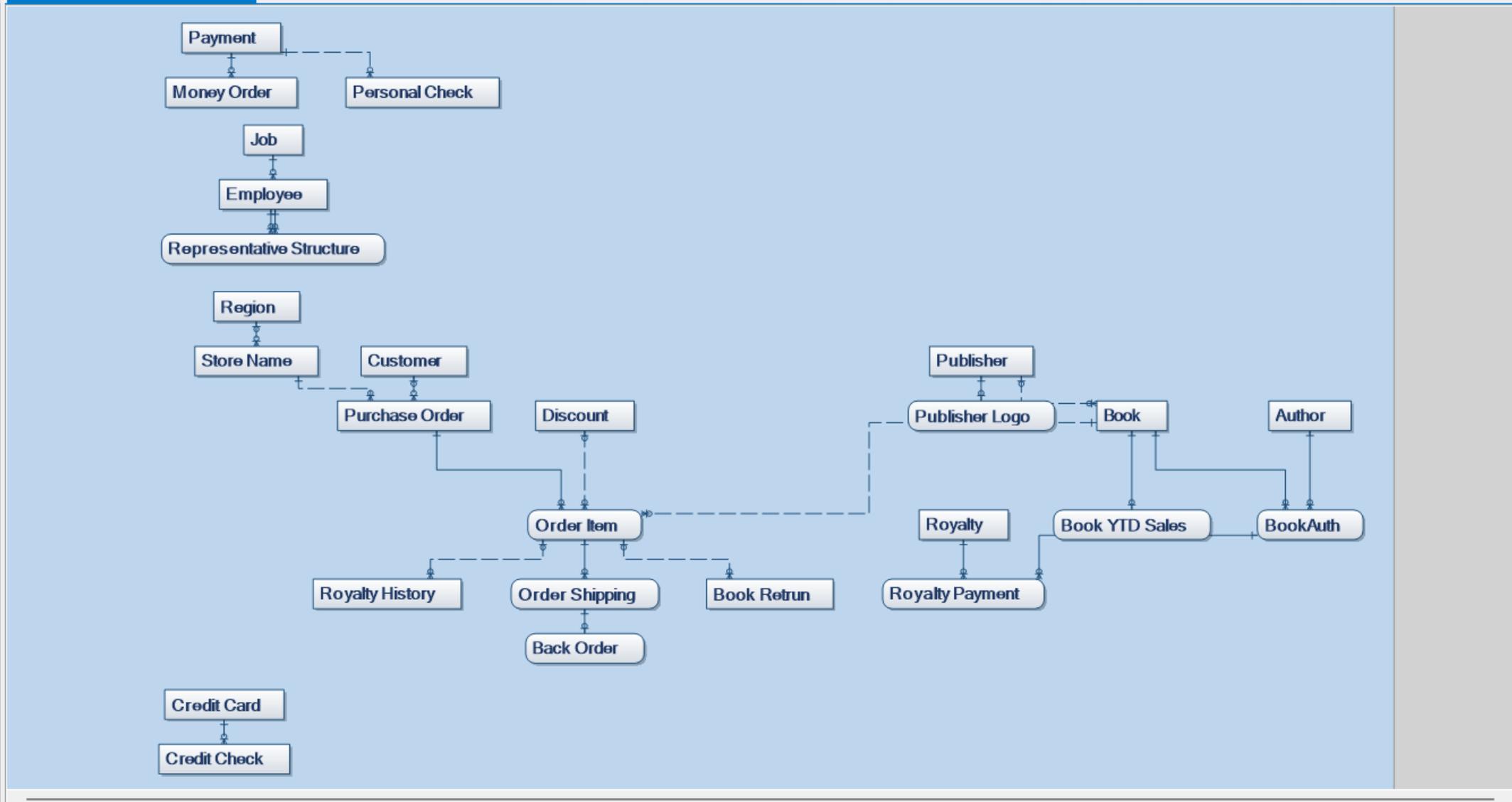




Model Explorer

- Skills 101 New AMT
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
    - <default>
    - Blob
    - Datetime
    - Last Name
    - Number
    - String
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules

Model Subject Area





# Editing the AMT



Model Explorer

- Skills 101 New AMT
  - Aggregates
  - Always Encrypted Keys
  - Annotations
  - Application Roles
  - Assemblies
  - Asymmetric Keys
  - Certificates
  - Credentials
  - Cryptographic Providers
  - Data Movement Rules
  - Data Movement Sources
  - Data Vault 2.0
  - Database Audit Specifications
  - 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
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  - Model Sources
  - Naming Standards
  - Partition Functions
  - Partition Schemes
  - Permissions
  - Relationships
  - Resource Pools
  - Schemas
  - Script Templates
  - Sequences
  - Server Audit Specifications

Save

Catalog:

Name	Creator	Last Modifier	Modified On	Entity/...	Attribu...	Relatio...
Mart						
_SDL						
Advanced Models						
Demonstration Models						
Model Templates						
Orade AI World 2025						
PAHHS						
Projects						
RE Configurations						
Skills 101						
Skills 101 AMT	erwinadmin	erwinadmin	2/10/2026 15:50:00	0	0	0
Skills 101 AMT Domain 99	erwinadmin	erwinadmin	2/11/2026 13:15:00	0	0	0
Skills 101 Model 1	erwinadmin	erwinadmin	2/10/2026 12:39:00	26	170	40
Skills 101 Model 1 - Season Two	erwinadmin	erwinadmin	2/10/2026 19:51:00	26	170	40
Skills 101 Model 1 AMT Applied	erwinadmin	erwinadmin	2/10/2026 16:00:00	26	170	40
Skills 101 New AMT	erwinadmin	erwinadmin	2/11/2026 08:26:00	0	0	0

Model Name: Skills 101 New AMT  Show Templates only
 Mark As Template  
 Maintain Multiple Versions

 Description  

 Save  
 Cancel

Model Subject Area

Project Explorer Model Explorer

Conceptual Logical Physical

Bulk Editor



Model Explorer

- Skills 101 New AMT
  - Aggregates
  - Always Encrypted Keys
  - Annotations
  - Application Roles
  - Assemblies
  - Asymmetric Keys
  - Certificates
  - Credentials
  - Cryptographic Providers
  - Data Movement Rules
  - Data Movement Sources
  - Data Vault 2.0
  - Database Audit Specifications
  - 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
  - Resource Pools
  - Schemas
  - Script Templates
  - Sequences
  - Server Audit Specifications

Save

Catalog:

Name	Creator	Last Modifier	Modified On	Entity/...	Attribu...	Relatio...
Skills 101 AMT	erwinadmin	erwinadmin	2/10/2026 15:50:00	0	0	0
Skills 101 AMT Domain 99	erwinadmin	erwinadmin	2/11/2026 13:15:00	0	0	0
Skills 101 Model 1	erwinadmin	erwinadmin	2/10/2026 12:39:00	26	170	40
Skills 101 Model 1 - Season Two	erwinadmin	erwinadmin	2/10/2026 19:51:00	26	170	40
Skills 101 Model 1 AMT Applied	erwinadmin	erwinadmin	2/10/2026 16:00:00	26	170	40
Skills 101 New AMT	erwinadmin	erwinadmin	2/11/2026 08:26:00	0	0	0

Model Name: Skills 101 AMT Domain 99  Show Templates only

Mark As Template

Maintain Multiple Versions

Description

Save

Cancel

Model Subject Area

Project Explorer Model Explorer

Conceptual Logical Physical

- Skills 101 AMT Domain 99 v1
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules



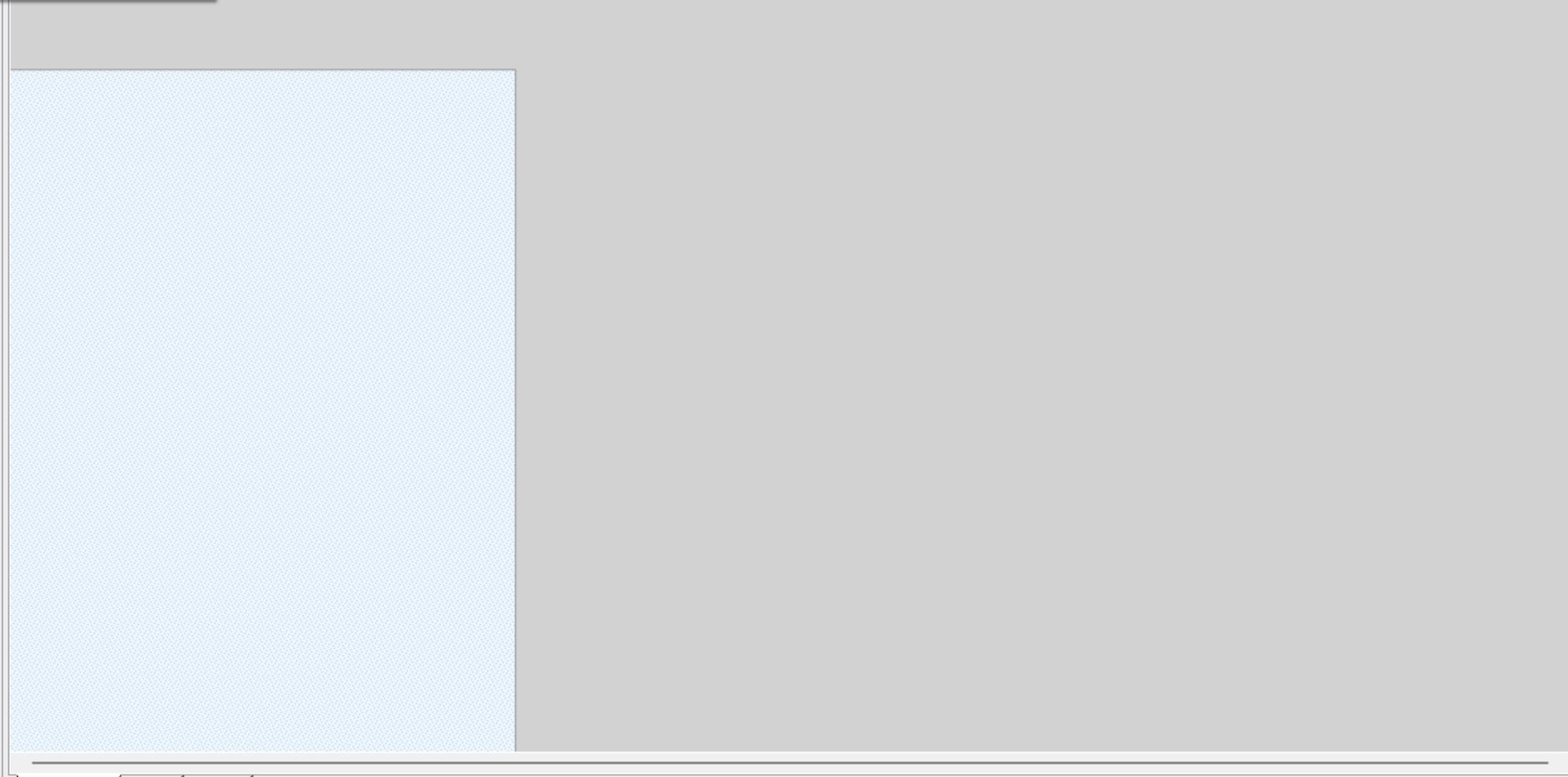
File Home View Diagram Project Explorer Model **Mart** Actions Tools Help

Options ⓘ - [ ] X

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

- 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

**Catalog Manager**  
Launch Catalog Manager Dialog



Conceptual / Logical / Physical



Model Explorer

- Skills 101 AMT Domain 99 v1
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules

Catalog Manager

Close

Created by: erwinadmin  
Created on: 2/10/2026 15:54:00

Apply

Description:

Locks:

Session	Lock	Time

Status:

Catalog

- Mart
  - \_SDLC
  - Advanced Models
  - Demonstration Models
  - Model Templates
  - Oracle AI World 2025
  - PAHHS
  - Projects
  - RE Configurations
  - Skills 101
    - Skills 101 AMT Domain 99
      - Milestone
      - Version 6
      - Version 5
      - Version 4
      - Version 3
      - Version 2
      - Version 1
    - Skills 101 Model
    - Skills 101 Model 1 - Season Two
    - Skills 101 Model 1 AMT Applied
    - Skills 101 AMT
    - Skills 101 New AMT
  - DLA - 3 - Synapse Lakehouse LPDM
  - GBQ\_SalesProduction
  - GBQ\_SalesStandard
  - MySQL - Contoso DW LPDM
  - PublicationSystem ER360 SQL FRIDAY

Model Explorer

- Skills 101 AMT Domain 99 v1
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules

Catalog Manager

Catalog

- Mart
  - \_SDLC
  - Advanced Models
  - Demonstration Models
  - Model Templates
  - Oracle AI World 2025
  - PAHHS
  - Projects
  - RE Configurations
  - Skills 101
    - Skills 101 AMT Domain 99
      - Milestone One
      - Version 6
      - Version 5
      - Version 4
      - Version 3
      - Version 2
      - Version 1
    - Skills 101 Model 1
    - Skills 101 Model 1 - Season
    - Skills 101 Model 1 AMT Appl
    - Skills 101 AMT
    - Skills 101 New AMT
  - DLA - 3 - Synapse Lakehouse LF
  - GBQ\_SalesProduction
  - GBQ\_SalesStandard
  - MySQL - Contoso DW LPDM
  - PublicationSystem ER360 SQL FRIDAY

Left Model Selection

Select the Left Model  
Please select a model for the left side of complete compare.

Compare Level: Database

Load From

File  Database / Script  Mart

Load...

Open Models in Memory:

Open Models	Location
Skills 101 AMT Domain 99 v1 v1	Mart://Mart/Skills 101/Skills 101 AMT Domain 99
Skills 101 AMT Model 99 v6	Mart://Mart/Skills 101/Skills 101 AMT Domain 99
Skills 101 New AMT [3]	C:\Users\AMcGover\OneDrive - Quest\erwin\er...
Skills 101 New AMT v1	Mart://Mart/Skills 101/Skills 101 New AMT

Set selected model as read only

Load Session... Save Session... < Back Next > Compare Close Help

Status:

Model Explorer

- Skills 101 AMT Domain 99 v1
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules

Catalog Manager

Catalog

- Mart
  - \_SDLC
  - Advanced Models
  - Demonstration Models
  - Model Templates
  - Oracle AI World 2025
  - PAHHS
  - Projects
  - RE Configurations
  - Skills 101
    - Skills 101 AMT Domain 99
      - Milestone One
      - Version 6
      - Version 5
      - Version 4
      - Version 3
      - Version 2
      - Version 1
    - Skills 101 Model 1
    - Skills 101 Model 1 - Season
    - Skills 101 Model 1 AMT Appl
    - Skills 101 AMT
    - Skills 101 New AMT
  - DLA - 3 - Synapse Lakehouse LF
  - GBQ\_SalesProduction
  - GBQ\_SalesStandard
  - MySQL - Contoso DW LPDM
  - PublicationSystem ER360 SQL FRIDAY

Right Model Selection

Select the Right Model

Please select a model for the right side of complete compare.

Compare Level: Database

Load From

File  Database / Script  Mart

Load...

Open Models in Memory:

Open Models	Location
Skills 101 AMT Domain 99 v1 v1	Mart://Mart/Skills 101/Skills 101 AMT Domain 99
Skills 101 AMT Model 99 v6	Mart://Mart/Skills 101/Skills 101 AMT Domain 99
Skills 101 New AMT [3]	C:\Users\AMcGover\OneDrive - Quest\erwin\er...
Skills 101 New AMT v1	Mart://Mart/Skills 101/Skills 101 New AMT

Set selected model as read only

Load Session... Save Session... < Back Next > Compare Close Help

Status:

Model Explorer

- Skills 101 AMT Domain 99 v1
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules

Catalog Manager

Catalog

- Mart
  - \_SDLC
  - Advanced Models
  - Demonstration Models
  - Model Templates
  - Oracle AI World 2025
  - PAHHS
  - Projects
  - RE Configurations
  - Skills 101
    - Skills 101 AMT Domain 99
      - Milestone One
      - Version 6
      - Version 5
      - Version 4
      - Version 3
      - Version 2
      - Version 1
    - Skills 101 Model 1
    - Skills 101 Model 1 - Season 1
    - Skills 101 Model 1 AMT Application
    - Skills 101 AMT
    - Skills 101 New AMT
  - DLA - 3 - Synapse Lakehouse LPDM
  - GBQ\_SalesProduction
  - GBQ\_SalesStandard
  - MySQL - Contoso DW LPDM
  - PublicationSystem ER360 SQL FRIDAY

Type Selection

**Complete Compare Type Selection**

Please select the types of objects to be compared in complete compare.

Compare Level: Database

Compare Level:  Conceptual Level  Logical Level  Physical Level  Database Level

Option Set: Speed Option Set

- Model
  - Properties
  - Aggregate
  - Always Encrypted Key
  - Application Role
  - Assembly
  - Asymmetric Key
  - Business Glossary
  - Certificate
  - Credential
  - Cryptographic Provider
  - Database
  - Database Audit Specification
  - Database Encryption Key

Overview  
Left Model  
Right Model  
**Type Selection**  
Left Object Selection  
Right Object Selection  
Advanced Options

Load Session... Save Session... < Back Next > Compare Close Help

Status:

Model Explorer

- Skills 101 AMT Domain 99 v1
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules

Catalog Manager

Catalog

- Mart
  - \_SDLC
  - Advanced Models
  - Demonstration Models
  - Model Templates
  - Oracle AI World 2025
  - PAHHS
  - Projects
  - RE Configurations
  - Skills 101
    - Skills 101 AMT Domain 99
      - Milestone One
      - Version 6
      - Version 5
      - Version 4
      - Version 3
      - Version 2
      - Version 1
    - Skills 101 Model 1
    - Skills 101 Model 1 - Season
    - Skills 101 Model 1 AMT Appl
    - Skills 101 AMT
    - Skills 101 New AMT
  - DLA - 3 - Synapse Lakehouse LP
  - GBQ\_SalesProduction
  - GBQ\_SalesStandard
  - MySQL - Contoso DW LPDM
  - PublicationSystem ER360 SQL FRIDAY

Type Selection

Complete Compare Type Selection

Please select the types of objects to be compared in complete compare.

Compare Level: Logical

Compare Level:  Conceptual Level  Logical Level  Physical Level  Database Level

Option Set: Speed Option Set

- Model
  - Properties
  - Annotation
  - Bridge Defaults
  - Business Glossary
  - Data Vault 2.0
  - Data Vault Attributes
  - Datatype Standard
  - Default Value
  - Domain
  - Entity
  - ER Diagram
  - Extended Notes
  - Image

Overview

Left Model

Right Model

Type Selection

Left Object Selection

Right Object Selection

Advanced Options

Load Session... Save Session...

< Back Next > Compare Close Help

Status:

Model Explorer

- Skills 101 AMT Domain 99 v1
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules

Catalog Manager

Catalog

- Mart
  - \_SDLC
  - Advanced Models
  - Demonstration Models
  - Model Templates
  - Oracle AI World 2025
  - PAHHS
  - Projects
  - RE Configurations
  - Skills 101
    - Skills 101 AMT Domain 99
      - Milestone One
      - Version 6
      - Version 5
      - Version 4
      - Version 3
      - Version 2
      - Version 1
    - Skills 101 Model 1
    - Skills 101 Model 1 - Season
    - Skills 101 Model 1 AMT Appl
    - Skills 101 AMT
    - Skills 101 New AMT
  - DLA - 3 - Synapse Lakehouse LP
  - GBQ\_SalesProduction
  - GBQ\_SalesStandard
  - MySQL - Contoso DW LPDM
  - PublicationSystem ER360 SQL FRIDAY

Type Selection

**Complete Compare Type Selection**

Please select the types of objects to be compared in complete compare.

Compare Level: Logical

Compare Level:
  Conceptual Level
  Logical Level
  Physical Level
  Database Level

Option Set: Speed Option Set

- Model
  - Properties
  - Annotation
  - Bridge Defaults
  - Business Glossary
  - Data Vault 2.0
  - Data Vault Attributes
  - Datatype Standard
  - Default Value
  - Domain
  - Entity
  - ER Diagram
  - Extended Notes
  - Image

Overview  
 Left Model  
 Right Model  
**Type Selection**  
 Left Object Selection  
 Right Object Selection  
 Advanced Options

Load Session... Save Session... < Back Next > Compare Close Help

Status:

Model Explorer

- Skills 101 AMT Domain 99 v1
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules

Catalog Manager

Catalog

- Mart
  - \_SDLC
  - Advanced Models
  - Demonstration Models
  - Model Templates
  - Oracle AI World 2025
  - PAHHS
  - Projects
  - RE Configurations
  - Skills 101
    - Skills 101 AMT Domain 99
      - Milestone One
      - Version 6
      - Version 5
      - Version 4
      - Version 3
      - Version 2
      - Version 1
    - Skills 101 Model 1
    - Skills 101 Model 1 - Season
    - Skills 101 Model 1 AMT Appl
    - Skills 101 AMT
    - Skills 101 New AMT
  - DLA - 3 - Synapse Lakehouse LP
  - GBQ\_SalesProduction
  - GBQ\_SalesStandard
  - MySQL - Contoso DW LPDM
  - PublicationSystem ER360 SQL FRIDAY

Type Selection

**Complete Compare Type Selection**

Please select the types of objects to be compared in complete compare.

Compare Level: Logical

Compare Level:
  Conceptual Level
  Logical Level
  Physical Level
  Database Level

Option Set: Speed Option Set

- Default Value
- Domain
- Entity
- ER Diagram
- Extended Notes
- Image
- Model Source
- Naming Standard
- Relationship
- Subject Area
- Subtype Symbol
- Theme
- Validation Rule

Overview  
Left Model  
Right Model  
**Type Selection**  
Left Object Selection  
Right Object Selection  
Advanced Options

Load Session... Save Session... < Back Next > Compare Close Help

Status:

Model Explorer

- Skills 101 AMT Domain 99 v1
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules

Catalog Manager

Catalog

- Mart
  - \_SDLC
  - Advanced Models
  - Demonstration Models
  - Model Templates
  - Oracle AI World 2025
  - PAHHS
  - Projects
  - RE Configurations
  - Skills 101
    - Skills 101 AMT Domain 99
      - Milestone One
      - Version 6
      - Version 5
      - Version 4
      - Version 3
      - Version 2
      - Version 1
    - Skills 101 Model 1
    - Skills 101 Model 1 - Season
    - Skills 101 Model 1 AMT Appl
    - Skills 101 AMT
    - Skills 101 New AMT
  - DLA - 3 - Synapse Lakehouse LP
  - GBQ\_SalesProduction
  - GBQ\_SalesStandard
  - MySQL - Contoso DW LPDM
  - PublicationSystem ER360 SQL FRIDAY

Type Selection

Complete Compare Type Selection

Please select the types of objects to be compared in complete compare.

Compare Level: Logical

Compare Level

Conceptual Level  Logical Level  Physical Level  Database Level

Option Set: Speed Option Set

- Default Value
- Domain
- Entity
- ER Diagram
- Extended Notes
- Image
- Model Source
- Naming Standard
- Relationship
- Subject Area
- Subtype Symbol
- Theme
- Validation Rule

Overview

Left Model

Right Model

Type Selection

Left Object Selection

Right Object Selection

Advanced Options

Load Session... Save Session...

< Back Next > Compare Close Help

Status:



Object View

Model	Object	Object
Model	Skills 101 AMT Domain 99 v1 v1 - Mart://Mart/Skills 101/Skills 101 AMT Domain 99	Skills 101 AMT Model 99 v6 - Mart://Mart/Skills 101/Skills 101 AMT Domain 99
ER Diagrams	Skills 101 AMT Domain 99 v1	Skills 101 AMT Model 99
ER Diagram	Conceptual	Conceptual
ER Diagram	Logical	Logical
ER Diagram	Physical	Physical
Themes	Copy of Default Theme	Copy of Default Theme

Property View

Object	Object
Skills 101 AMT Domain 99 v1 v1 - Mart://Mart/Skills 101/Skills 101 AMT Domain 99	Skills 101 AMT Model 99 v6 - Mart://Mart/Skills 101/Skills 101 AMT Domain 99

Finish Cancel Details...



Object View	Skills 101 AMT Domain 99 v1 v1 - Mart://Mart/Skills 101/Skills 101 AMT Domain 99	Skills 101 AMT Model 99 v6 - Mart://Mart/Skills 101/Skills 101 AMT Domain 99
Model	Skills 101 AMT Domain 99 v1	Skills 101 AMT Model 99
ER Diagrams		
ER Diagram	Conceptual	Conceptual
ER Diagram	Logical	Logical
ER Diagram	Physical	Physical
Themes		
Theme	Copy of Default Theme	Copy of Default Theme

Property View	Skills 101 AMT Domain 99 v1 v1 - Mart://Mart/Skills 101/Skills 101 AMT Domain 99	Skills 101 AMT Model 99 v6 - Mart://Mart/Skills 101/Skills 101 AMT Domain 99
Annotation Font Size	10	20
Cached View Alternate Key Font Size	10	20
Cached View Definition Font Size	10	20
Cached View Expression Font Size	10	20
Cached View Font Size	10	20
Cached View Inversion Entry Font Size	10	20
Cached View Owned Attribute Font Size	10	20
Entity Alternate Key Font Color	0 [Calculated]	11892014
Entity Alternate Key Font Size	10	20
Entity FK Attribute Font Color	12470272	255
Entity FK Attribute Font Size	10	20
Entity Font Color	0 [Calculated]	6567967
Entity Font Size	10	24
Entity Inversion Entry Font Size	10	20
Entity Outline Color	10066329 [Calculated]	7949854

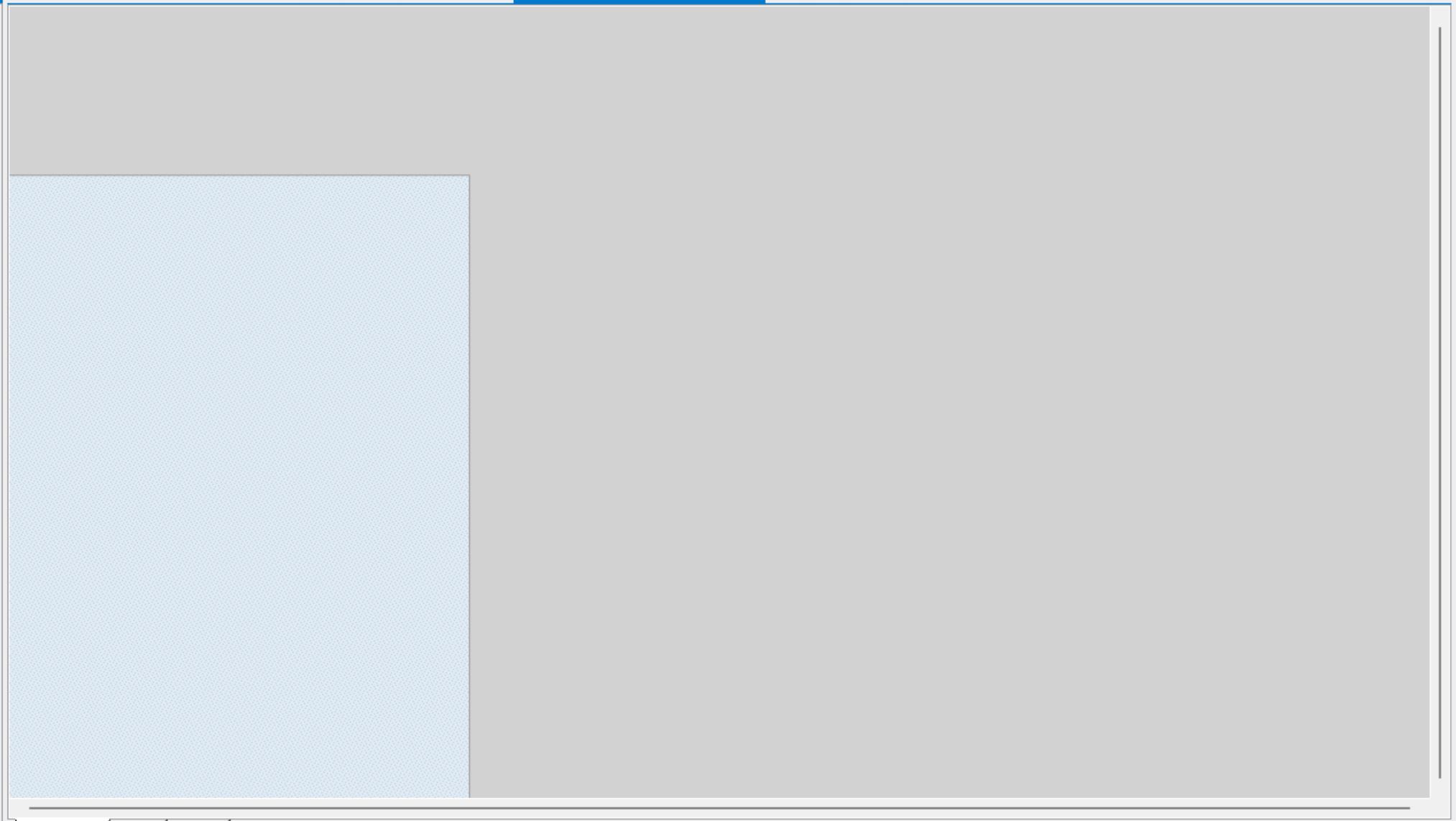
Finish Cancel

Details...

Model Explorer

- Skills 101 AMT Model 99
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains**
    - <default>
    - Blob
    - Datetime
    - Last Name
    - Number
    - String
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules

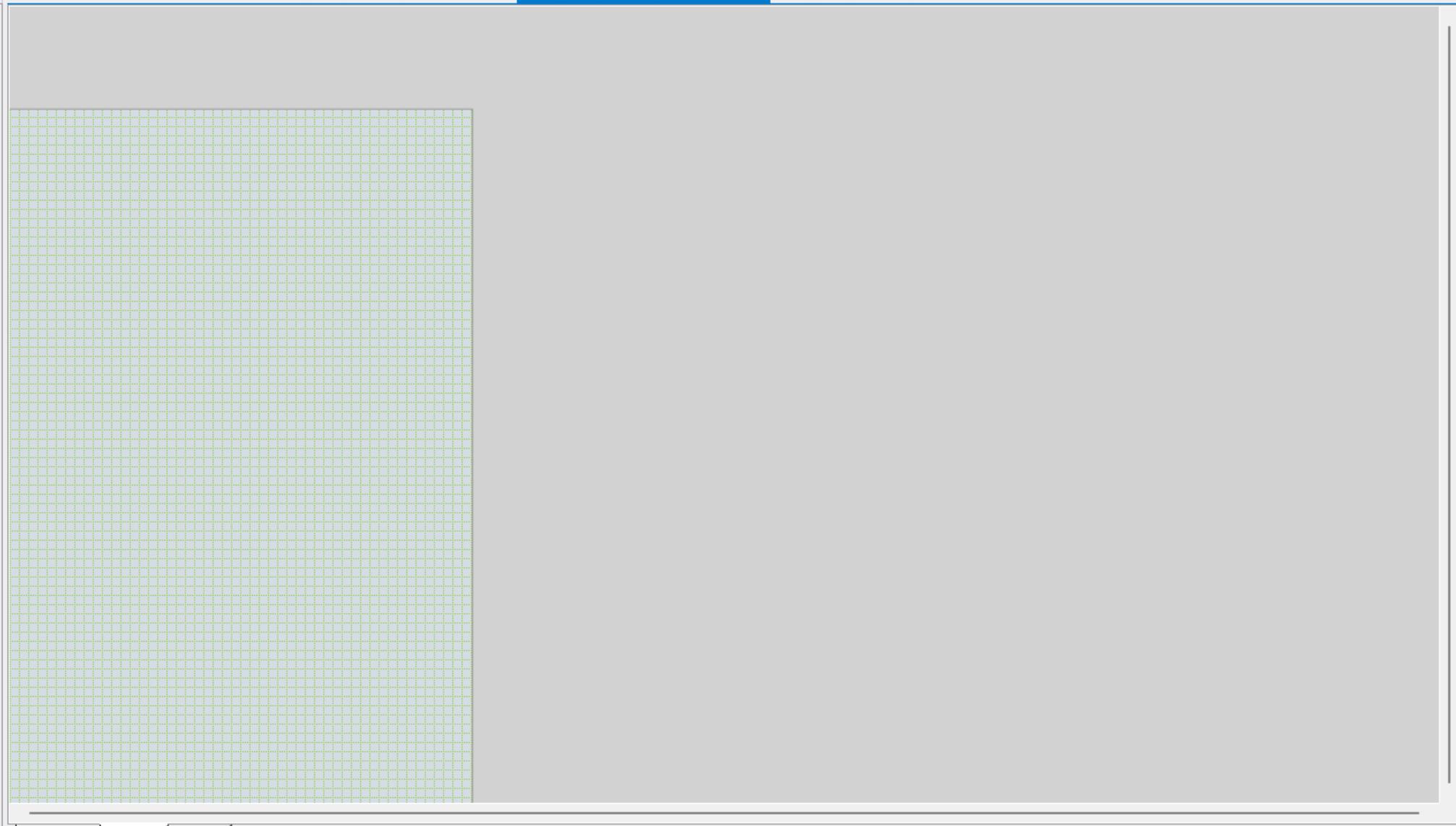
Model Subject Area



Model Explorer

- Skills 101 AMT Model 99
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
    - <default>
    - Blob
    - Datetime
    - Last Name
    - Number
    - String
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules

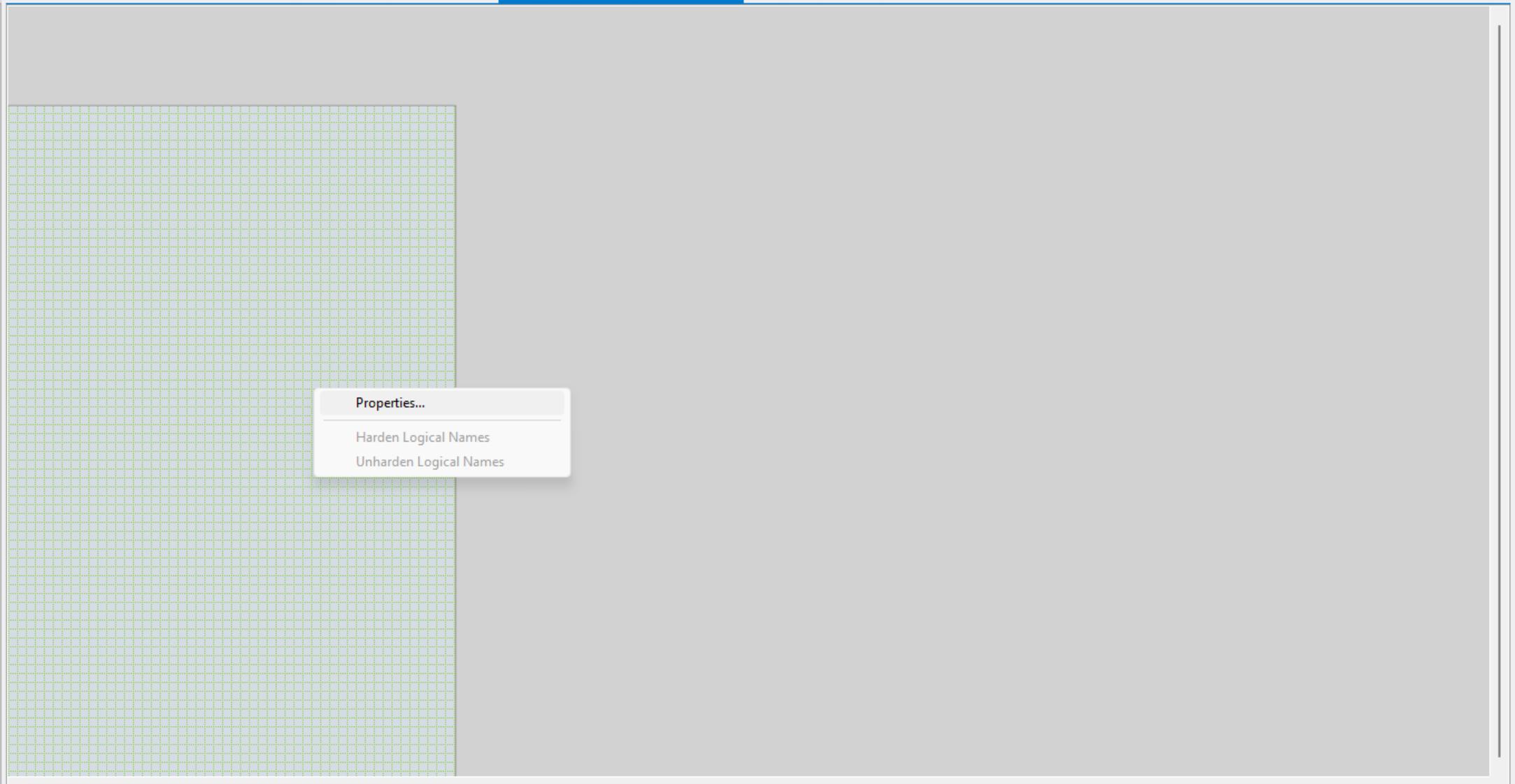
Model Subject Area



Model Explorer

- Skills 101 AMT Model 99
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
    - <default>
    - Blob
    - Datetime
    - Last Name
    - Number
    - String
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Publication System NSM
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules

Skills 101 Model 1 - Season Two.er... Mart://Mart/Skills 101/Skills 101 A... Mart://Mart/Skills 101/Skills 101 A... Mart://Mart/Skills 101/Skills 101 N...

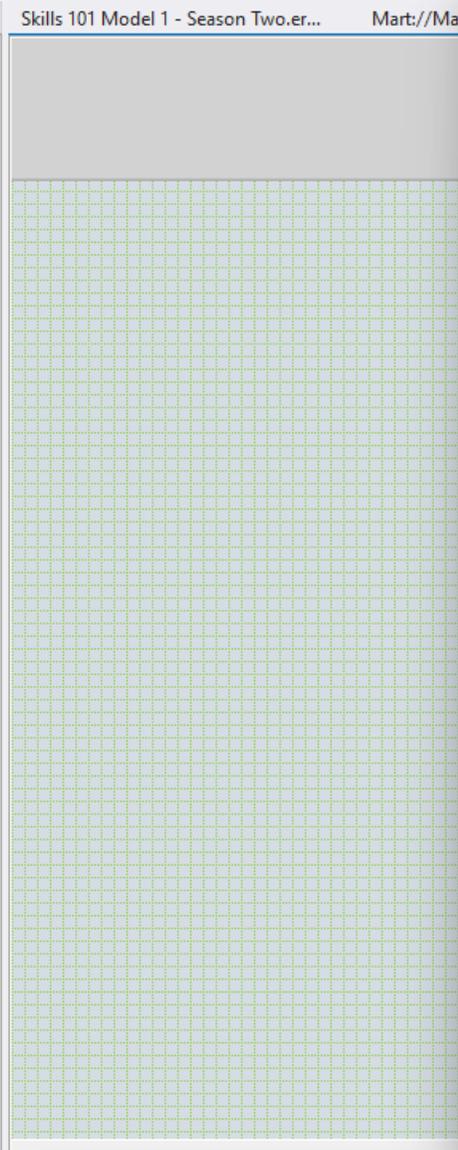


Properties...

- Harden Logical Names
- Unharden Logical Names

Model Explorer

- Skills 101 AMT Model 99
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
    - <default>
    - Blob
    - Datetime
    - Last Name
    - Number
    - String
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Publication System NSM
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules



ER Diagram 'Logical' Editor

Edit ER Diagrams in: Skills 101 AMT Model 99

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

**General Options**  
Author

**Optional Theme**  
Theme

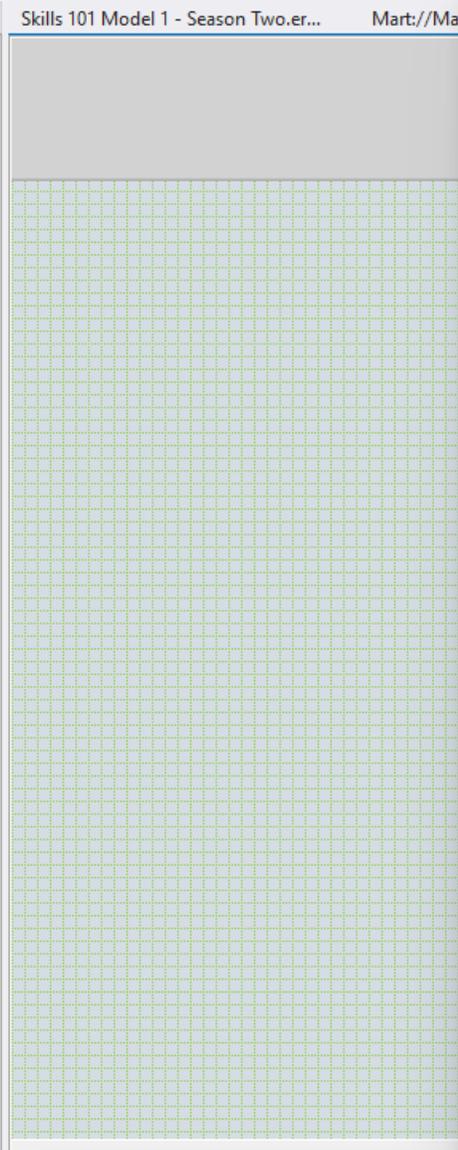
**Optional override to Theme background fill**  
Fill Options

Close Cancel

Model Explorer

- Skills 101 AMT Model 99
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
    - <default>
    - Blob
    - Datetime
    - Last Name
    - Number
    - String
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Publication System NSM
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules

Model Explorer Subject Area



Edit ER Diagrams in: Skills 101 AMT Model 99

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"/>

Diagram Fill Editor

General

ER Diagram Fill Style Options

Fill Style: Pattern

Pattern Style: [Pattern Selection]

Foreground Color: [Color Selection]

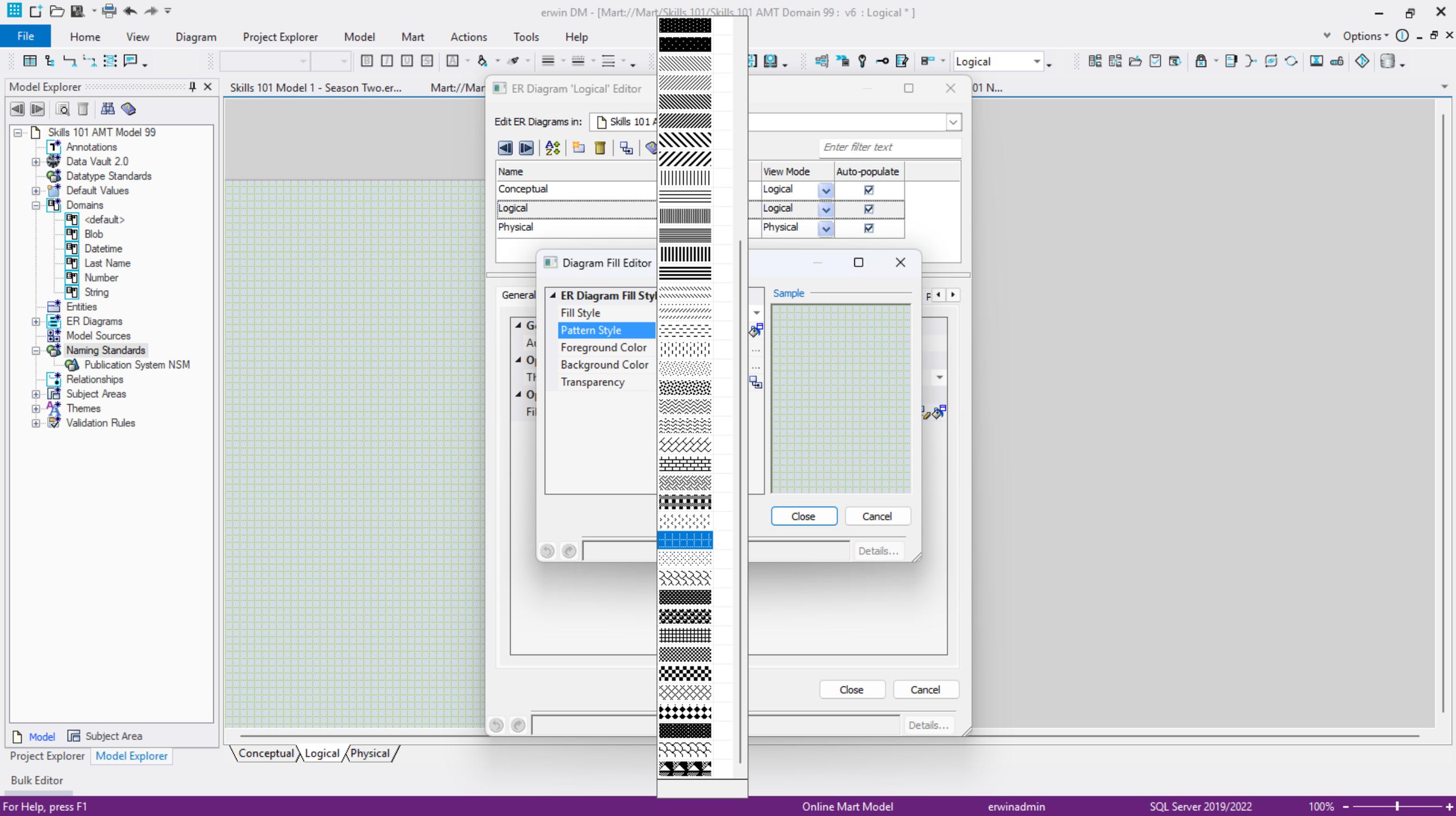
Background Color: [Color Selection]

Transparency: 0

Sample: [Grid Preview]

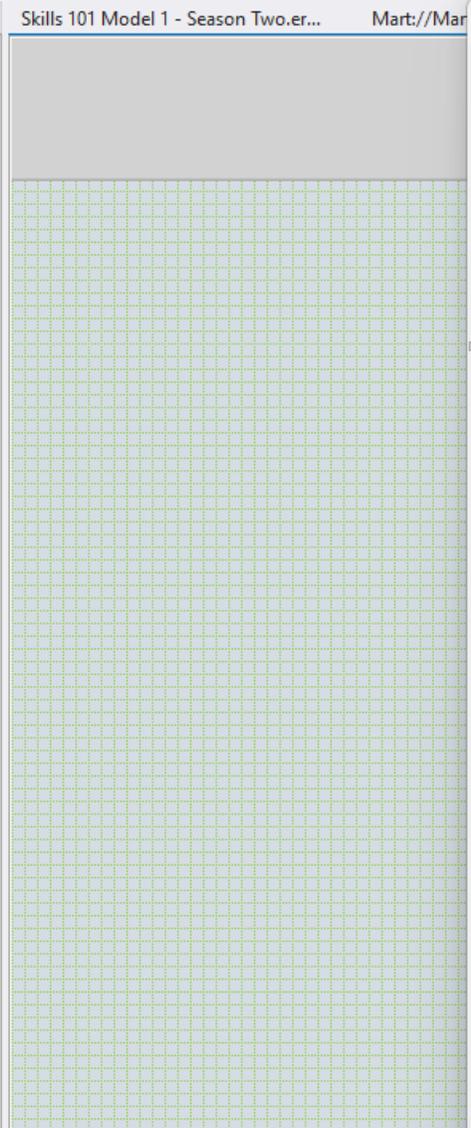
Close Cancel

Details...



Model Explorer Skills 101 AMT Model 99

- Annotations
- Data Vault 2.0
- Datatype Standards
- Default Values
- Domains
  - <default>
  - Blob
  - Datetime
  - Last Name
  - Number
  - String
- Entities
- ER Diagrams
- Model Sources
- Naming Standards
- Publication System NSM
- Relationships
- Subject Areas
- Themes
- Validation Rules



ER Diagram 'Logical' Editor

Edit ER Diagrams in: Skills 101 AMT Model 99

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"/>

Diagram Fill Editor

General

ER Diagram Fill Style Options

Fill Style: Pattern

Pattern Style: [Pattern]

Foreground Color: [Green]

Background: Automatic Color

Transparency: [Slider]

Theme Colors

Standard Colors

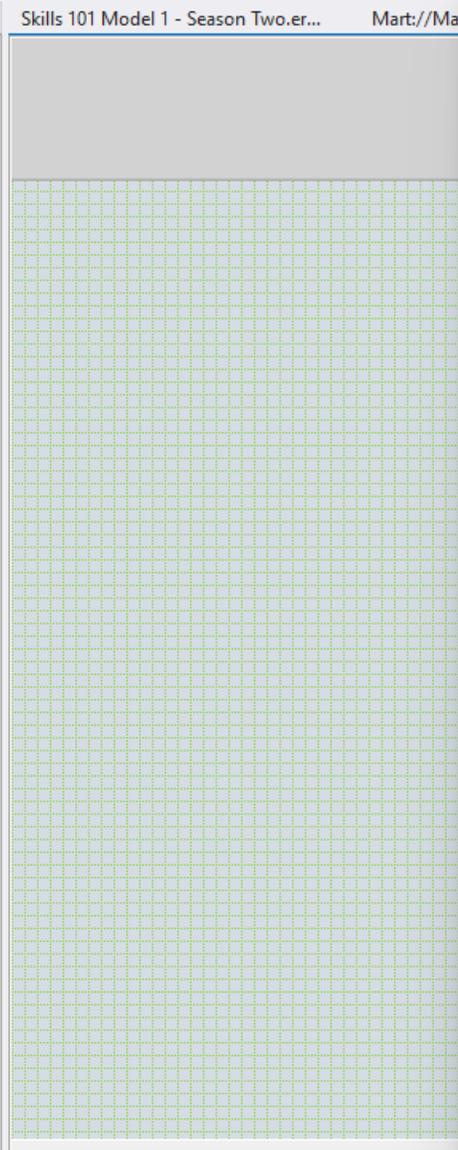
More Colors...

Sample

Close Cancel

Model Explorer

- Skills 101 AMT Model 99
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
    - <default>
    - Blob
    - Datetime
    - Last Name
    - Number
    - String
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Publication System NSM
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules



Edit ER Diagrams in: Skills 101 AMT Model 99

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

Diagram Fill Editor

ER Diagram Fill Style Options

Fill Style: Pattern

Pattern Style: [Grid Pattern]

Foreground Color: [Green]

Background Color: [Light Blue]

Transparent:  Automatic Color

Theme Colors: [Color palette]

Standard Colors: [Color palette]

More Colors...

Close Cancel

Model Explorer

- Skills 101 AMT Model 99
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
    - <default>
    - Blob
    - Datetime
    - Last Name
    - Number
    - String
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Publication System NSM
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules

Model Subject Area

Skills 101 Model 1 - Season Two.er...

Mart://Mar

ER Diagram 'Logical' Editor

Edit ER Diagrams in: Skills 101 AMT Model 99

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"/>

Diagram Fill Editor

General

ER Diagram Fill Style Options

Fill Style: Pattern

Pattern Style: [Grid Pattern]

Foreground Color: [Green]

Background Color: [Light Blue]

Transparent:  Automatic Color

Theme Colors

Standard Colors

More Colors...

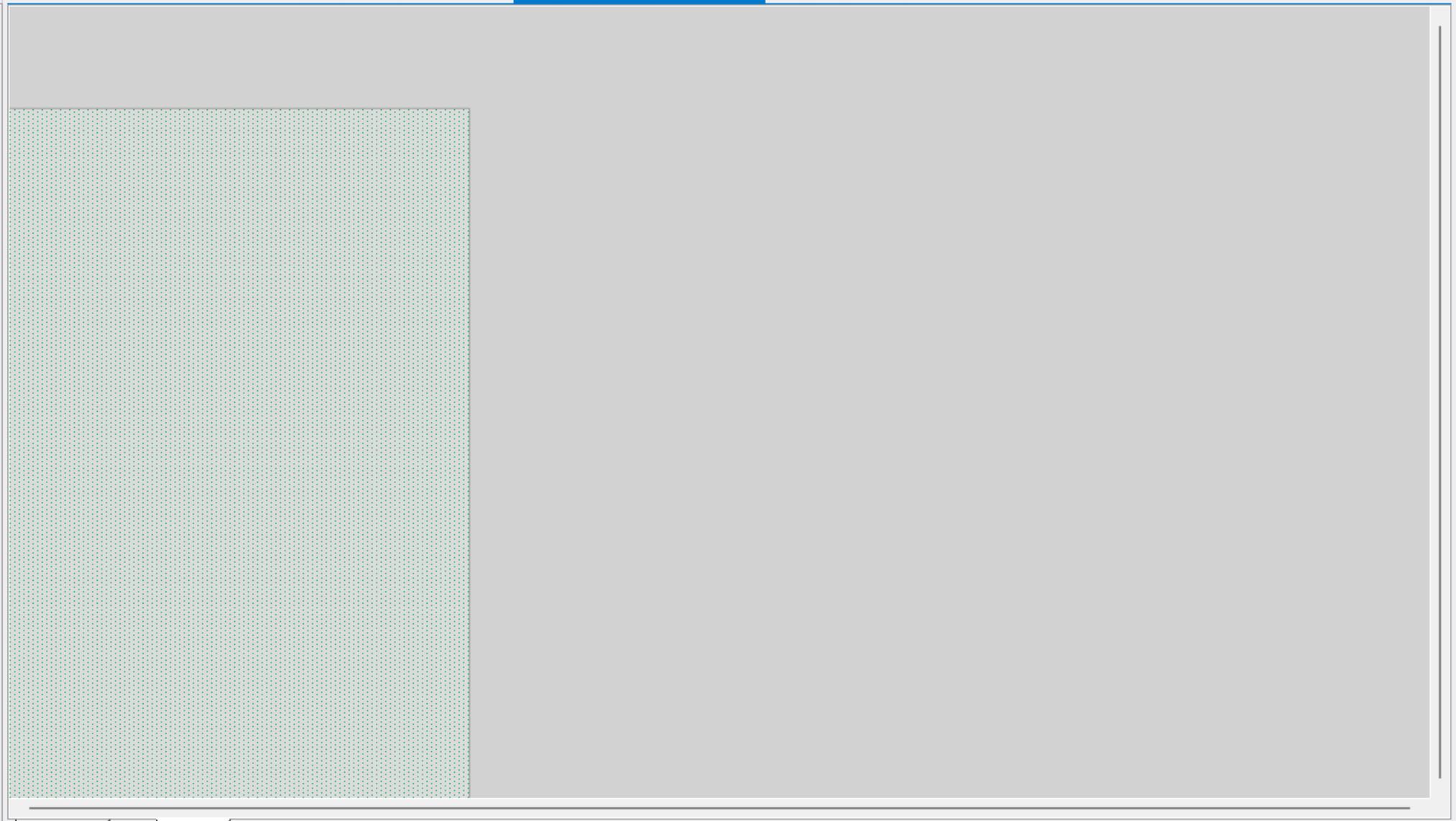
Sample

Close Cancel

Model Explorer Skills 101 Model 1 - Season Two.er... Mart://Mart/Skills 101/Skills 101 A... Mart://Mart/Skills 101/Skills 101 A... Mart://Mart/Skills 101/Skills 101 N...

- Skills 101 AMT Model 99
  - Aggregates
  - Always Encrypted Keys
  - Annotations
  - Application Roles
  - Assemblies
  - Asymmetric Keys
  - Certificates
  - Credentials
  - Cryptographic Providers
  - Data Movement Rules
  - Data Movement Sources
  - Data Vault 2.0
  - Database Audit Specifications
  - 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
  - Resource Pools
  - Schemas
  - Script Templates
  - Sequences
  - Server Audit Specifications

Model Subject Area



Conceptual Logical Physical

Model Explorer

- Skills 101 AMT Model 99
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
    - <default>
    - Blob
    - Datetime
    - Last Name
    - Number
    - String
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules

User Defined Properties : Logical

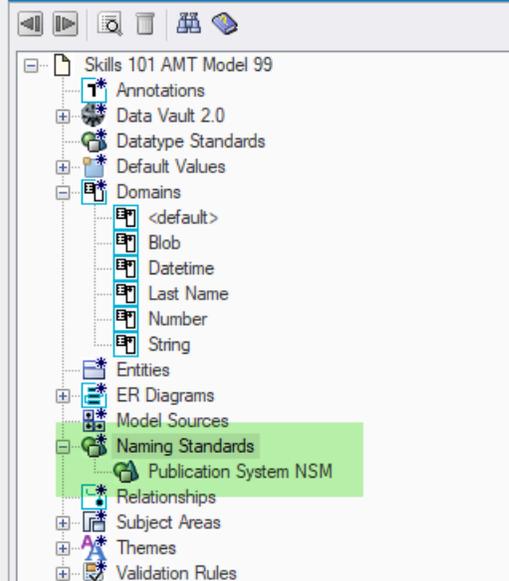
Class: Entity

Name	Type	Default
<input checked="" type="checkbox"/> Critical Data Element	List	~No, Yes

Details

Default	Description
No	

Close Cancel Details...



## Model Naming Options

Logical | Physical | Name Mapping | Duplicate Names

Object Type	Macro Name	Use Glossa	Abbreviation Ty	Prefix	Suffix
Entity to Table	%EntityName()	<input checked="" type="checkbox"/>	Abbreviation		
Domains	%DomainName	<input checked="" type="checkbox"/>	Abbreviation		
Attribute to Column	%AttName	<input checked="" type="checkbox"/>	Abbreviation		
Relationships	%RelName				
Key Group to Index	%KeyName				
Validation Rules					

Special Characters:

Leave

 Remove Vowels.

The settings on this tab are used to create the physical names of objects in the current model. These settings are also the defaults used when a physical model is derived from the logical level of this model or when this model is added as a model source to a physical model.

Macro Toolbox

Reset Names...

OK

Cancel



# Using the AMT

Model Templates

Table View Identifying Non-Identifying View/Materialized Annotation Rel.

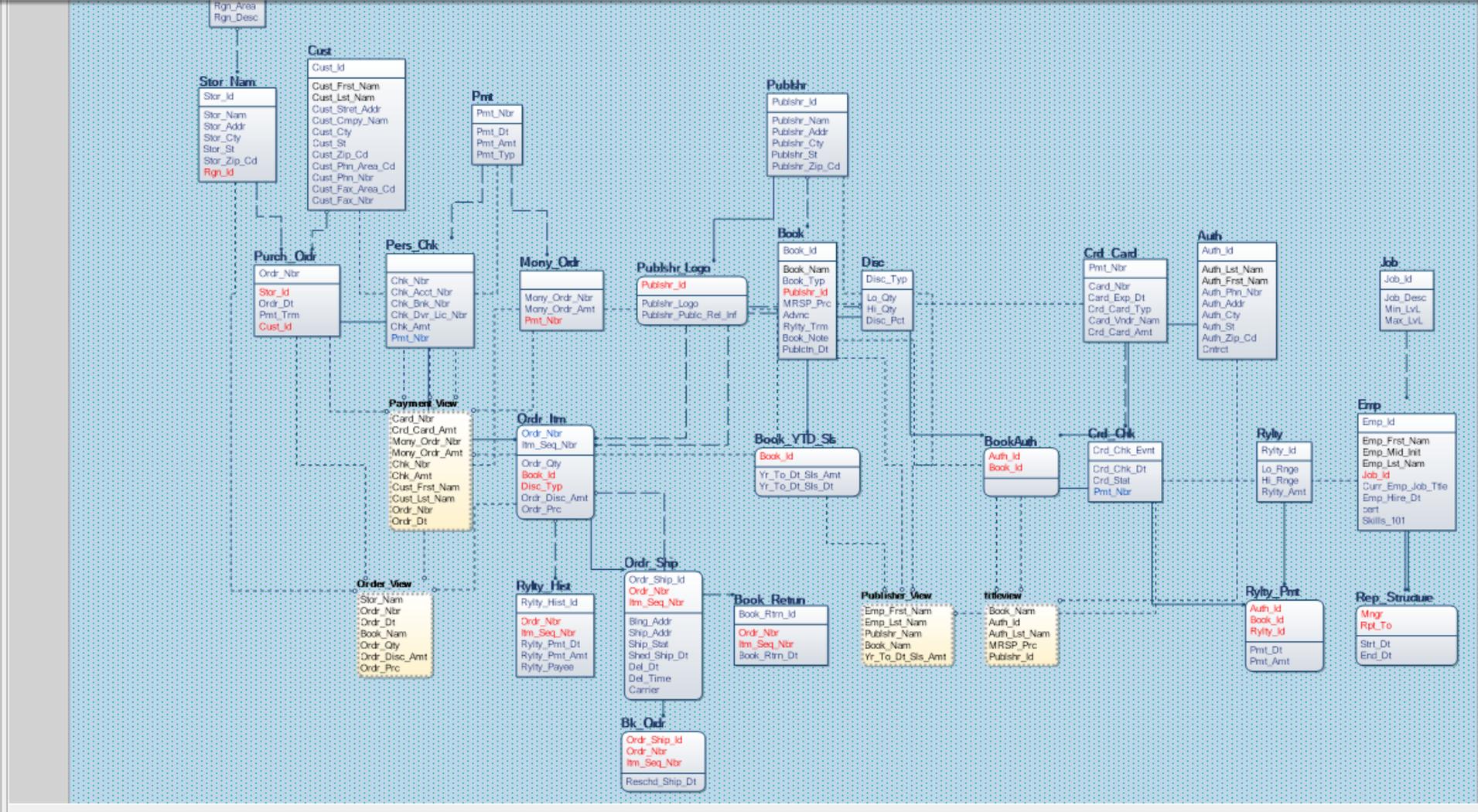
Drawing

Clipboard

Editing

Data Vault 2.0

- Model Templates**
- Model Template Options
- External Data Sources
  - External File Formats
  - External Languages
  - External Libraries
  - Files
  - Fulltext Catalogs
  - Fulltext Stoplists
  - Functions
  - Logins
  - Model Sources
  - Naming Standards
  - Publication System NSM
  - Partition Schemes
  - Partition Schemas
  - Permissions
  - Relationships
  - Resource Pools
  - Schemas
  - Script Templates
  - Sequences
  - Server Audit Specifications
  - Server Audits
  - Stored Procedures
  - Subject Areas
  - Symmetric Keys
  - Synonyms
  - Tables
  - Themes
    - Classic Theme
    - Copy of Default Theme
    - DARK Theme
    - Default Theme
  - Trigger Templates
  - Triggers
  - User Ids
  - Validation Rules



Model Templates

- Table
- View
- Identifying
- Non-Identifying
- View/Materialized
- Annotation
- Rel.

Toolbox

Drawing

- Cut
- Copy
- Paste
- Copy Neighborhood
- Copy Family
- Paste as Shortcut
- Delete

Clipboard

Editing

- Select
- Go To...
- Find
- Replace

Data Vault 2.0

- Hub
- PIT
- Link
- Reference
- Bridge
- Satellite

Template Information

Bind Template...

Refresh Template...

Unbind Template...

Define Filter...

Synchronize or Unbind Template

Files

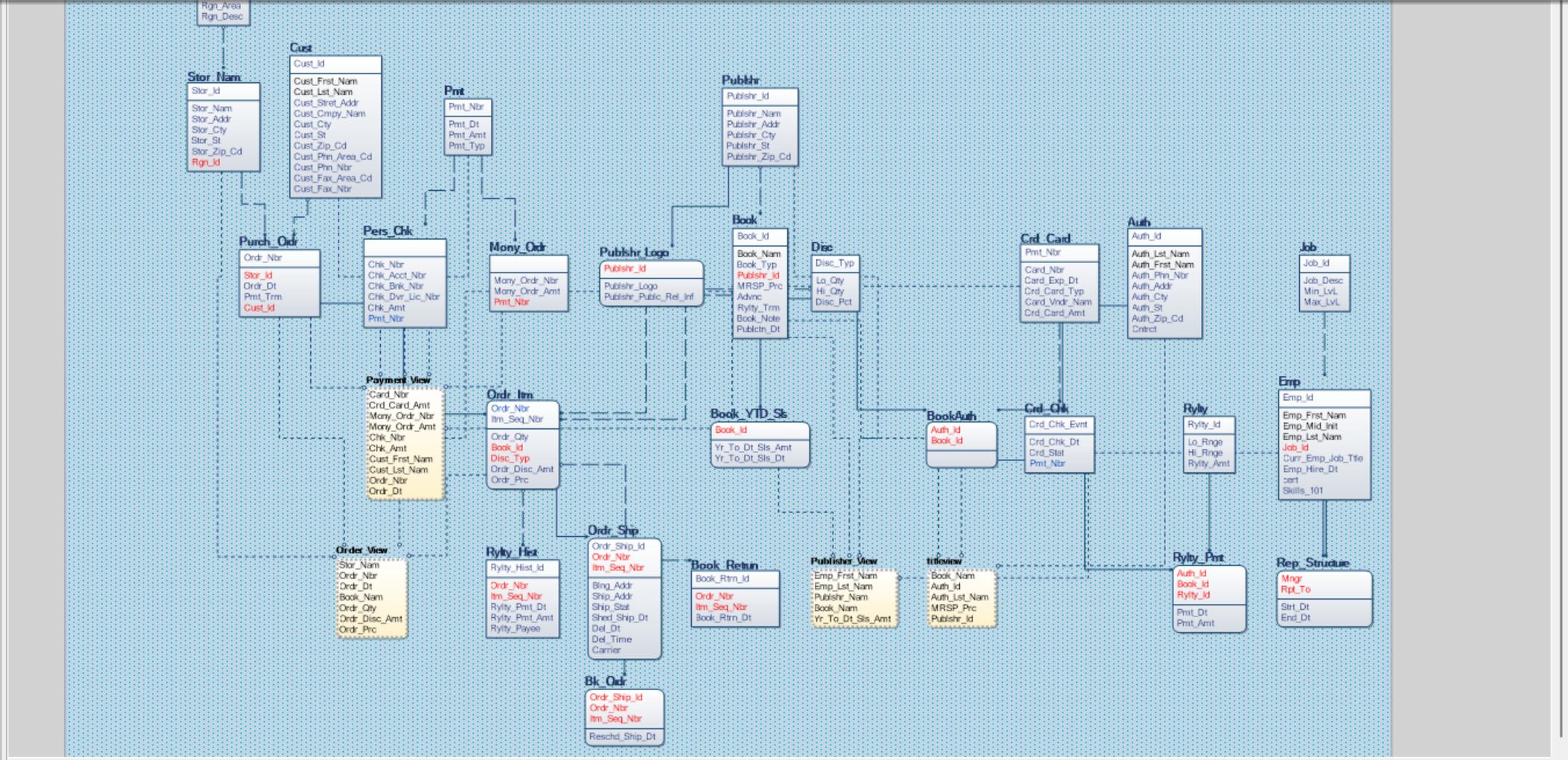
- Fulltext Catalogs
- Fulltext Stoplists
- Functions
- Logins
- Model Sources
- Naming Standards
- Publication System NSM
- Partition Schemes
- Partition Schemas
- Permissions
- Relationships
- Resource Pools
- Schemas
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- Classic Theme
- Copy of Default Theme
- DARK Theme
- Default Theme
- Trigger Templates
- Triggers
- User Ids
- Validation Rules

Model Explorer

Model Explorer

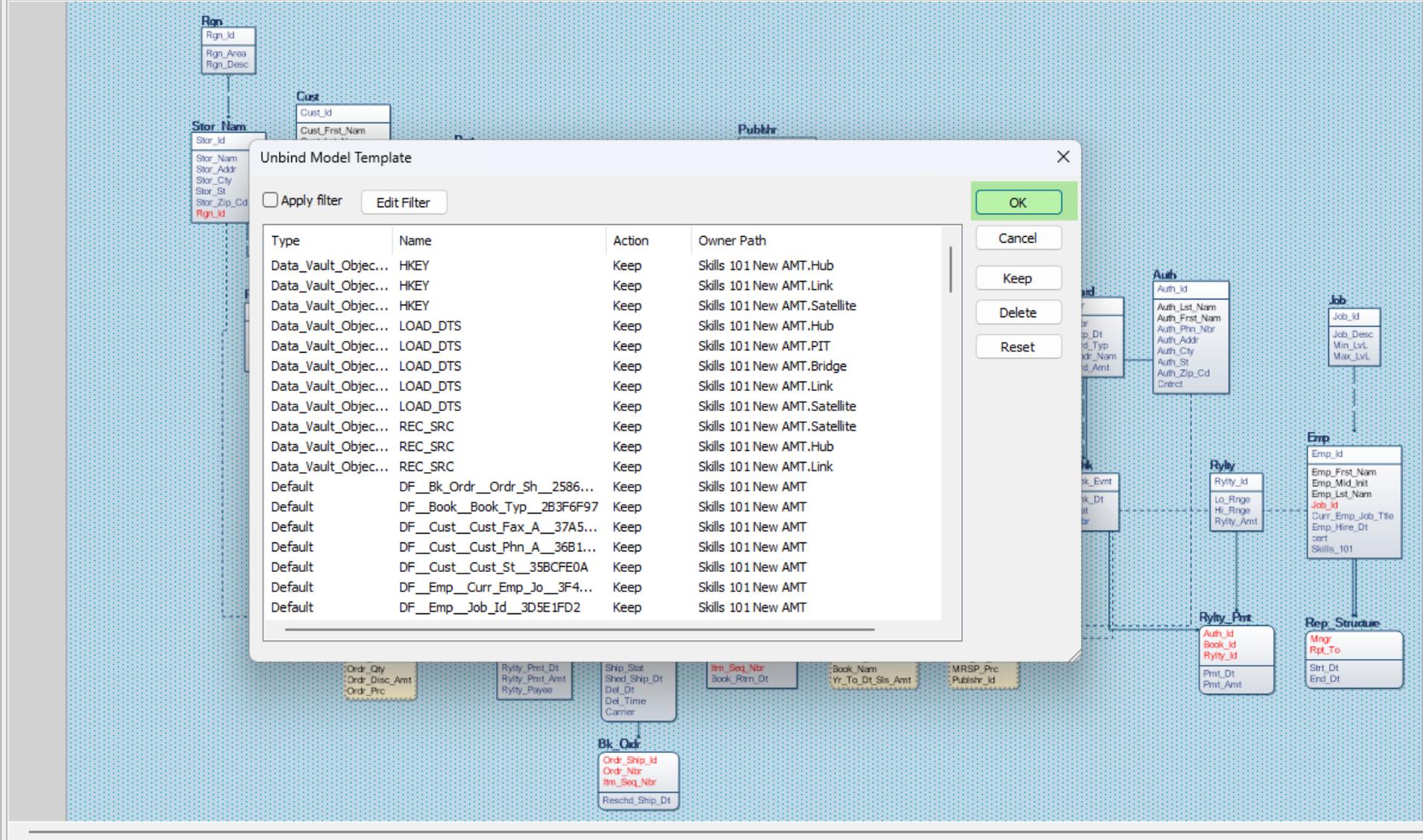
Project Explorer

Bulk Editor



Model Explorer Skills 101 Model 1 - Season Two.er... Mart: // Mart/Skills 101/Skills 101 A... Mart: // Mart/Skills 101/Skills 101 A... Mart: // Mart/Skills 101/Skills 101 N...

- ▶ 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
- ▶ Publication System NSM
- ▶ Partition Schemes
- ▶ Partition Schemes
- ▶ Permissions
- ▶ Relationships
- ▶ Resource Pools
- ▶ Schemas
- ▶ Script Templates
- ▶ Sequences
- ▶ Server Audit Specifications
- ▶ Server Audits
- ▶ Stored Procedures
- ▶ Subject Areas
- ▶ Symmetric Keys
- ▶ Synonyms
- ▶ Tables
- ▶ Themes
  - ▶ Classic Theme
  - ▶ Copy of Default Theme
  - ▶ DARK Theme
  - ▶ Default Theme
- ▶ Trigger Templates
- ▶ Triggers
- ▶ User Ids
- ▶ Validation Rules



### Unbind Model Template

Apply filter

Type	Name	Action	Owner Path
Data_Vault_Objec...	HKEY	Keep	Skills 101 New AMT.Hub
Data_Vault_Objec...	HKEY	Keep	Skills 101 New AMT.Link
Data_Vault_Objec...	HKEY	Keep	Skills 101 New AMT.Satellite
Data_Vault_Objec...	LOAD_DTS	Keep	Skills 101 New AMT.Hub
Data_Vault_Objec...	LOAD_DTS	Keep	Skills 101 New AMT.PIT
Data_Vault_Objec...	LOAD_DTS	Keep	Skills 101 New AMT.Bridge
Data_Vault_Objec...	LOAD_DTS	Keep	Skills 101 New AMT.Link
Data_Vault_Objec...	LOAD_DTS	Keep	Skills 101 New AMT.Satellite
Data_Vault_Objec...	REC_SRC	Keep	Skills 101 New AMT.Satellite
Data_Vault_Objec...	REC_SRC	Keep	Skills 101 New AMT.Hub
Data_Vault_Objec...	REC_SRC	Keep	Skills 101 New AMT.Link
Default	DF_Bk_Ord__Ord__Sh__2586...	Keep	Skills 101 New AMT
Default	DF_Book_Book_Typ__2B3F6F97	Keep	Skills 101 New AMT
Default	DF_Cust_Cust_Fax_A__37A5...	Keep	Skills 101 New AMT
Default	DF_Cust_Cust_Phn_A__36B1...	Keep	Skills 101 New AMT
Default	DF_Cust_Cust_St__35BCFE0A	Keep	Skills 101 New AMT
Default	DF_Emp_Curr_Emp_Jo__3F4...	Keep	Skills 101 New AMT
Default	DF_Emp_Job_Id__3D5E1FD2	Keep	Skills 101 New AMT





Model Explorer

- 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
- Publication System NSM
- Partition Schemes
- Partition Schemes
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- Relationships
- Resource Pools
- Schemas
- Script Templates
- Sequences
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- Subject Areas
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- Synonyms
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- Themes
  - Classic Theme
  - Copy of Default Theme
  - DARK Theme
  - Default Theme
- Trigger Templates
- Triggers
- User Ids
- Validation Rules

Open

Catalog:

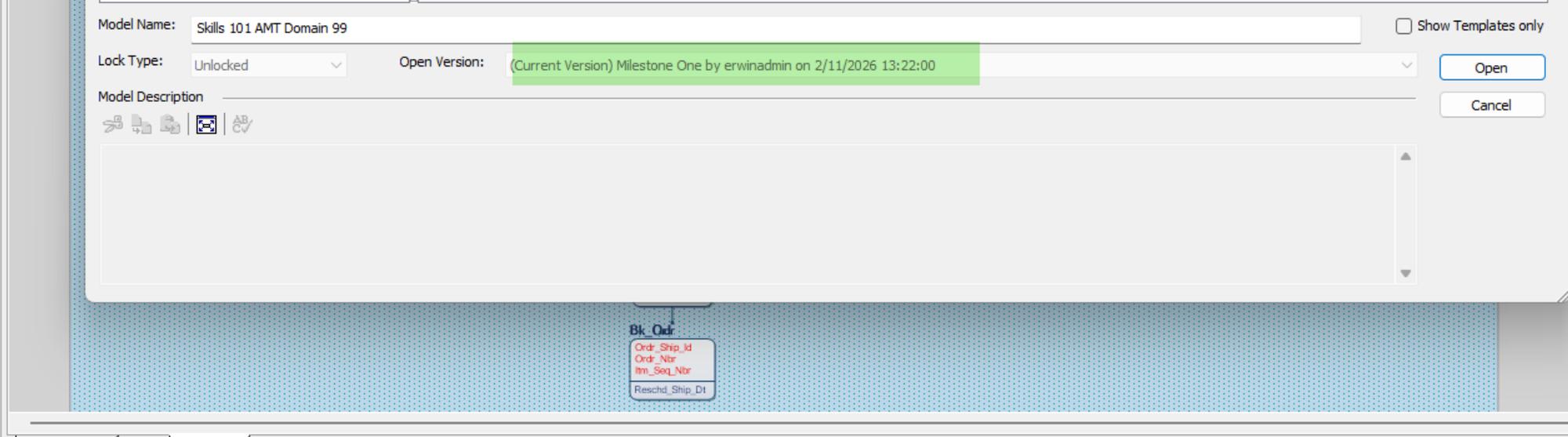
Name	Creator	Last Modifier	Modified On	Entity/...	Attribu...	Relatio...
Skills 101 AMT	erwinadmin	erwinadmin	2/10/2026 15:50:00	0	0	0
Skills 101 AMT Domain 99	erwinadmin	erwinadmin	2/11/2026 13:15:00	0	0	0
Skills 101 Model 1	erwinadmin	erwinadmin	2/10/2026 12:39:00	26	170	40
Skills 101 Model 1 - Season Two	erwinadmin	erwinadmin	2/10/2026 19:51:00	26	170	40
Skills 101 Model 1 AMT Applied	erwinadmin	erwinadmin	2/10/2026 16:00:00	26	170	40
Skills 101 New AMT	erwinadmin	erwinadmin	2/11/2026 08:26:00	0	0	0

Model Name: Skills 101 AMT Domain 99  Show Templates only

Lock Type: Unlocked Open Version: (Current Version) Milestone One by erwinadmin on 2/11/2026 13:22:00

Model Description

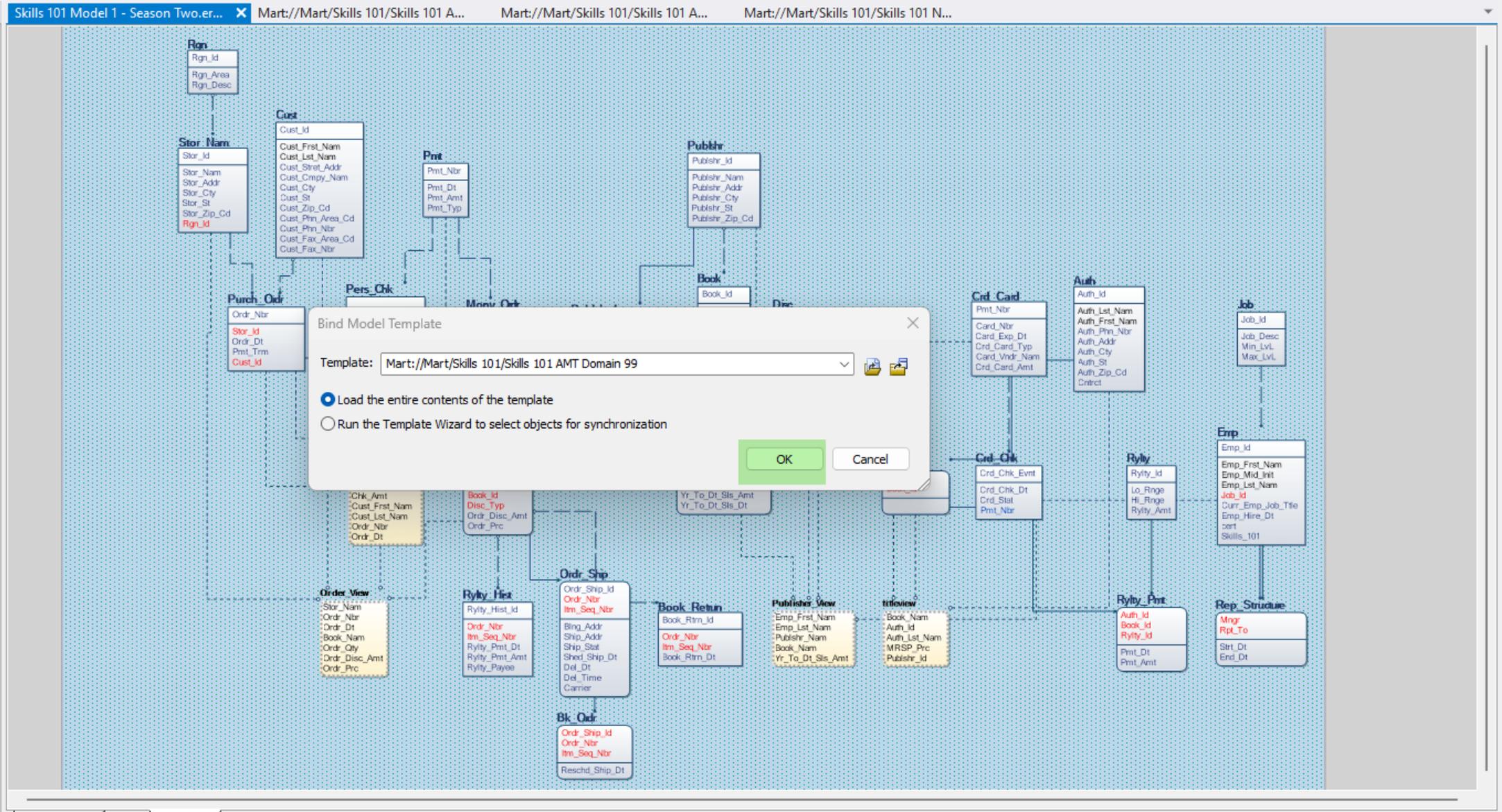
Open Cancel



Model Explorer

- 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
- Publication System NSM
- Partition Schemes
- Partition Schemas
- Permissions
- Relationships
- Resource Pools
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- Themes
  - Classic Theme
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  - DARK Theme
  - Default Theme
- Trigger Templates
- Triggers
- User Ids
- Validation Rules

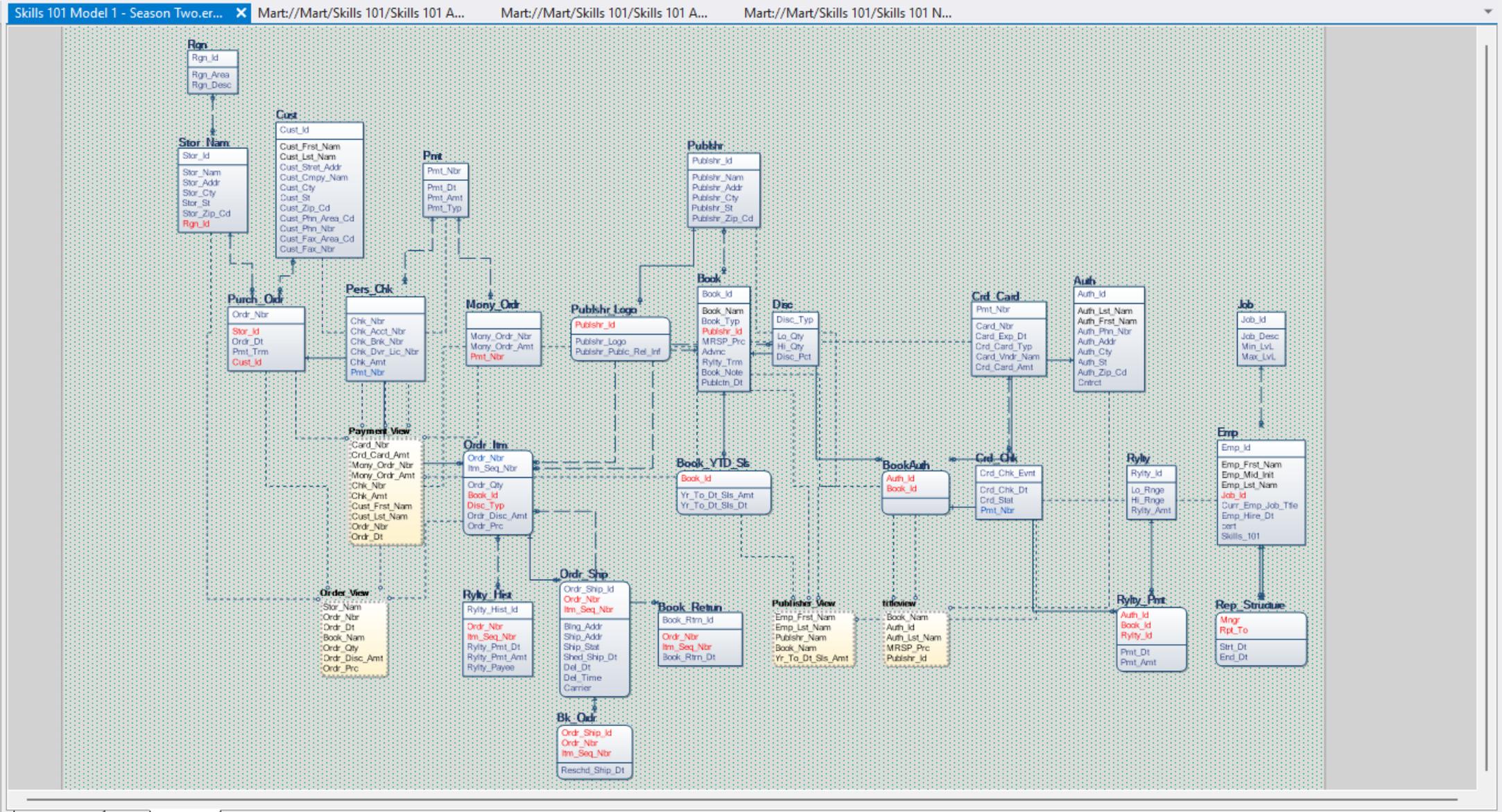
Model Subject Area



Model Explorer

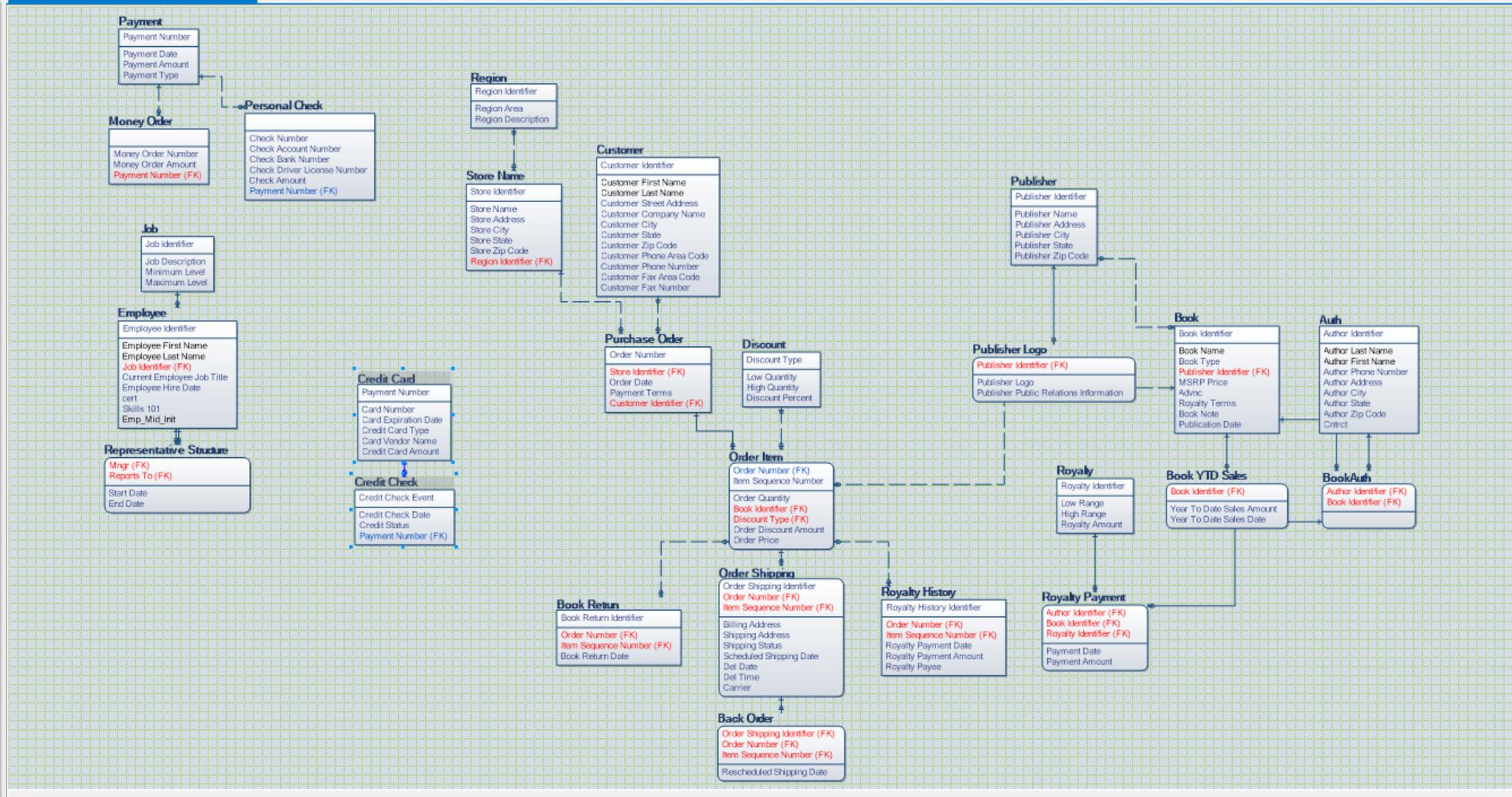
- Datatype Standards
- Default Values
- Domains
- ER Diagrams
- External Data Sources
- External File Formats
- External Languages
- External Libraries
- Files
- Fulltext Catalogs
- Fulltext Stoplists
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- Themes
  - Classic Theme
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  - DARK Theme
  - Default Theme
- Trigger Templates
- Triggers
- User Ids
- Validation Rules

Model Subject Area



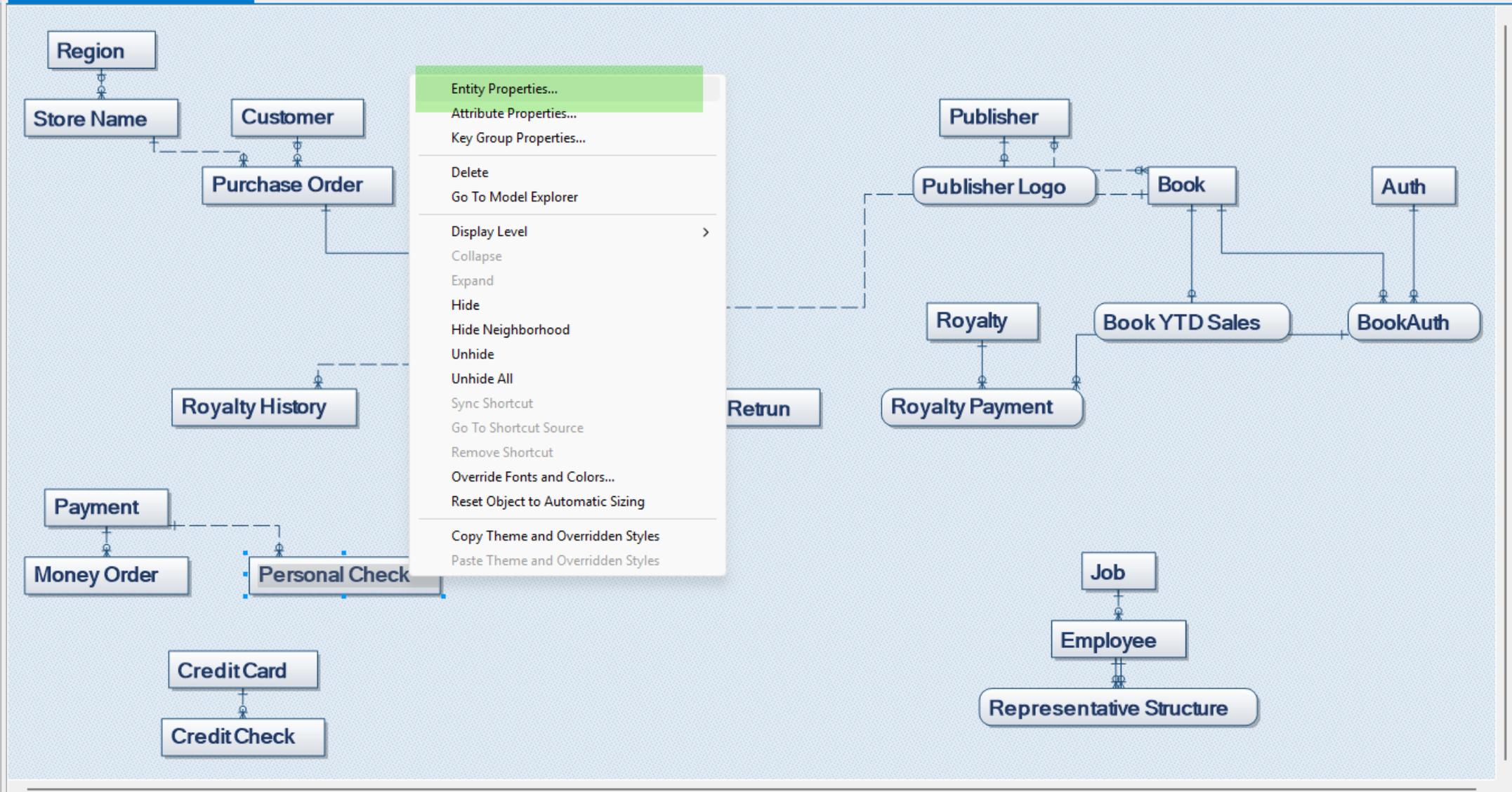


Model Explorer Skills 101 Model 99 Annotations Data Vault 2.0 Datatype Standards Default Values Domains <default> Blob Datetime Last Name Number String Entities ER Diagrams Model Sources Naming Standards Relationships Subject Areas Themes Validation Rules



Model Explorer

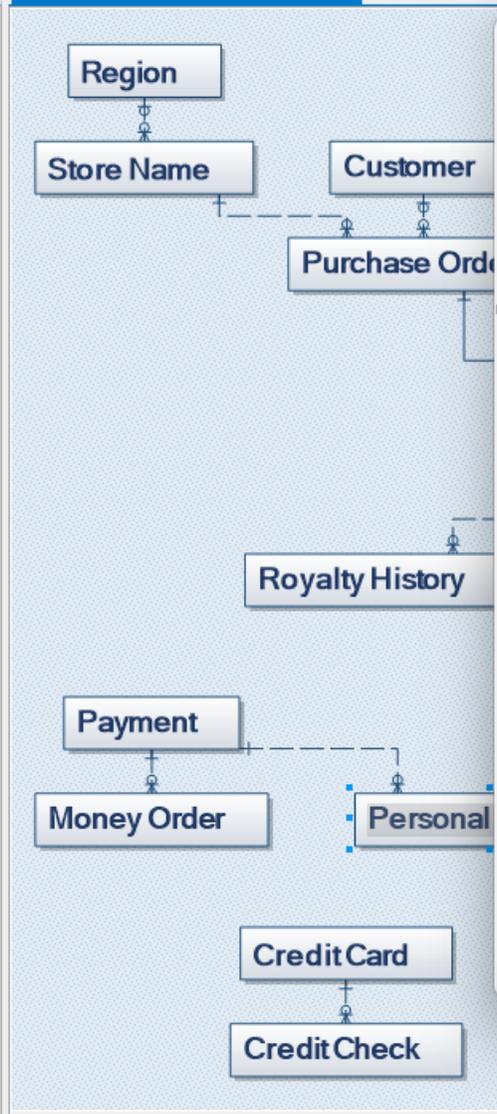
- Skills 101 AMT Model 99
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
    - <default>
    - Blob
    - Datetime
    - Last Name
    - Number
    - String
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules



Model Explorer

- Skills 101 AMT Model 99
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
    - <default>
    - Blob
    - Datetime
    - Last Name
    - Number
    - String
  - Entities
  - ER Diagrams
  - Model Sources
  - Naming Standards
  - Relationships
  - Subject Areas
  - Themes
  - Validation Rules

Model Explorer Subject Area



Entity 'Personal Check' Editor

Enter filter text

Name	Logical Only
Order Item	<input type="checkbox"/>
Order Shipping	<input type="checkbox"/>
Payment	<input type="checkbox"/>
<b>Personal Check</b>	<input type="checkbox"/>

Business Terms Mapping Shortcut Volumetrics Definition Style Icon Where Used UDP History Notes Extended Notes

Property

Critical Data Element : No

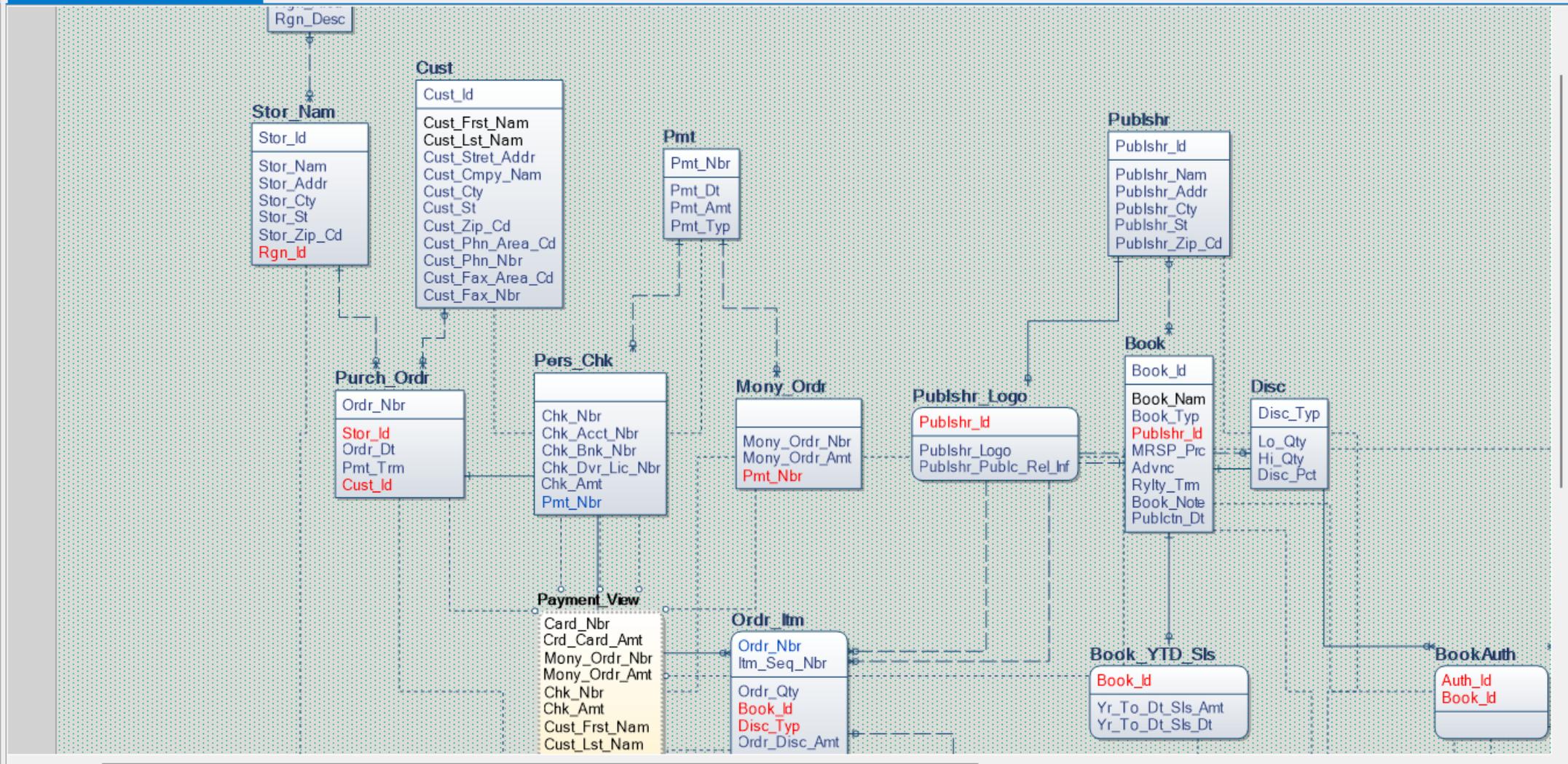
Close Cancel

Details...

Representative Structure

Model Explorer Skills 101 Model 1 - Season Two.erwin

- 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
- Publication System NSM
- Partition Schemes
- Partition Schemes
- Permissions
- Relationships
- Resource Pools
- Schemas
- Script Templates
- Sequences
- Server Audit Specifications
- Server Audits
- Stored Procedures
- Subject Areas
- Symmetric Keys
- Synonyms
- Tables
- Themes
  - Classic Theme
  - Copy of Default Theme
  - DARK Theme
  - Default Theme
- Trigger Templates



Model Subject Area

Project Explorer Model Explorer

Conceptual Logical Physical

Bulk Editor



Model Explorer Skills 101

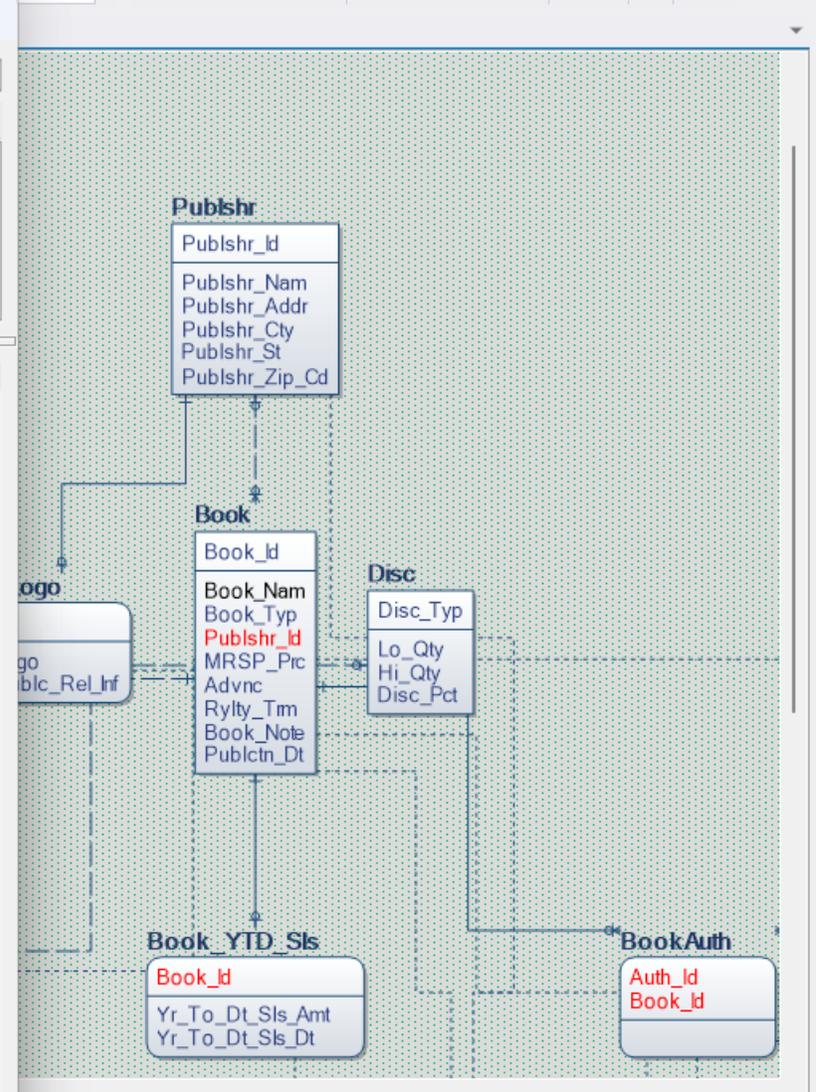
- Datatype Standards
- Default Values
- Domains
- ER Diagrams
- External Data Sources
- External File Formats
- External Languages
- External Libraries
- Files
- Fulltext Catalogs
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  - DARK Theme
  - Default Theme
- Trigger Templates

Table: Cust

Physical Name	Domain Parent	Physical Data Type	Primary Key	Foreign Key	Physical Only	SDI	Comments
Cust_Id	String	char(9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Cust_Frst_Nam	String	varchar(15)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Cust_Lst_Nam	Lst_Nam	char(99)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Cust_Sect_Add							

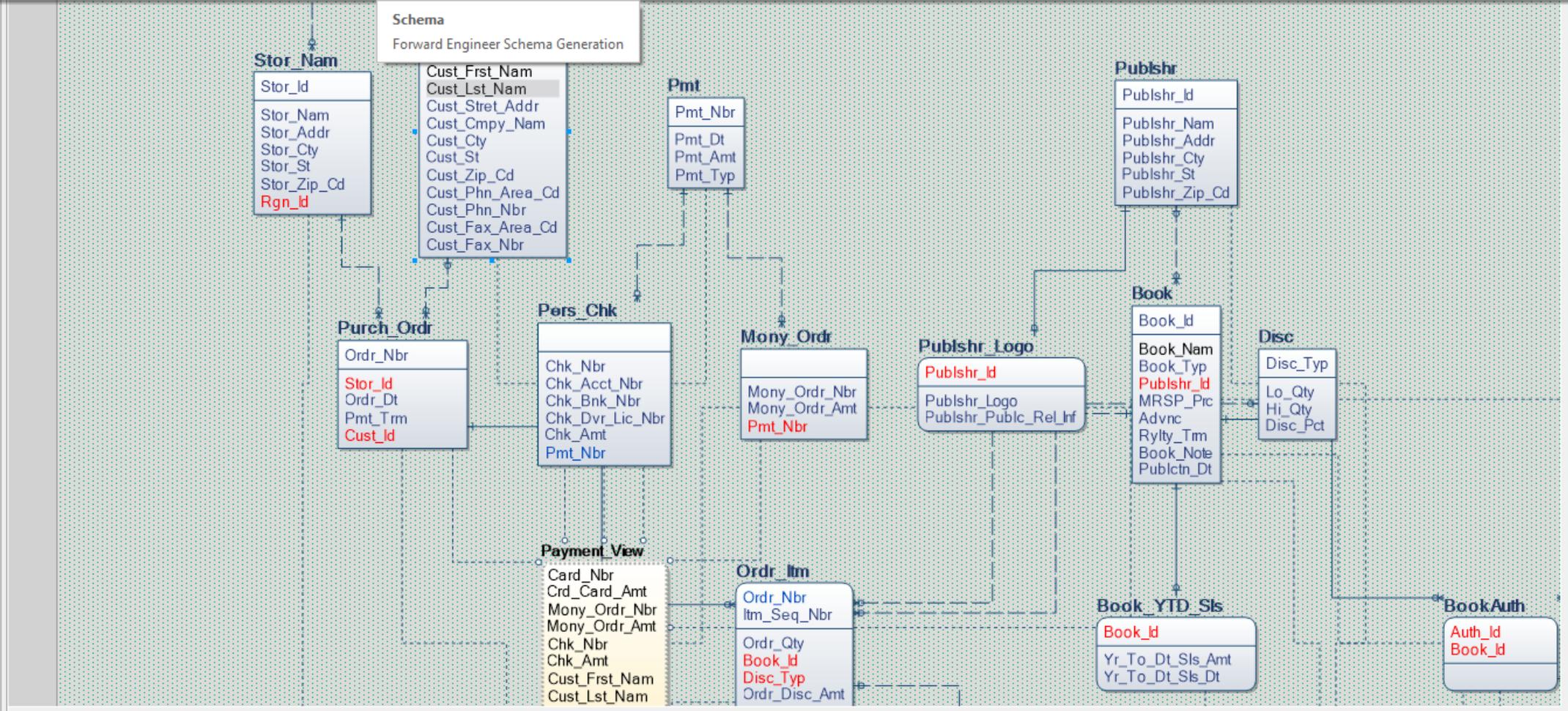
Property

Critical Data Element	No
SDI	No

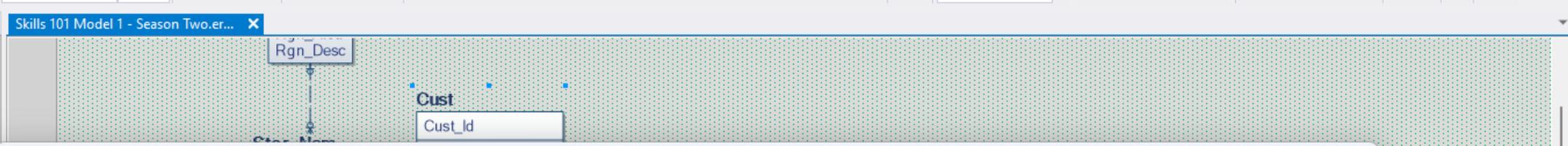


Transformations Complete Compare Manage Snapshots Design Layers Target Database Reverse Engineer Reverse Engineer Configuration Schema... Alter Script... Check Model Templates... Forward Engineer Hierarchical View Embedded View

- Default Values
- Domains
- ER Diagrams
- External Data Sources
- External File Formats
- External Languages
- External Libraries
- Files
- Fulltext Catalogs
- Fulltext Stoplists
- Functions
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  - Default Theme
- Trigger Templates



- Datatype Standards
- Default Values
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- Server Audits
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- Tables
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  - Classic Theme
  - Copy of Default Theme
  - DARK Theme
  - Default Theme
- Trigger Templates



### Forward Engineer Schema Generation Wizard

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

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

```

1 CREATE TYPE [Lst_Nam]
2 FROM CHAR(99) NULL
3 go
4
5
6 CREATE TABLE [Auth]
7 (
8     [Auth_Id] char(9) COLLATE SQL_Latin1_General_CP1_CI_AS NOT NULL ,
9     [Auth_Lst_Nam] varchar(25) COLLATE SQL_Latin1_General_CP1_CI_AS NOT NULL ,
10    [Auth_Frst_Nam] varchar(15) COLLATE SQL_Latin1_General_CP1_CI_AS NULL ,
11    [Auth_Phn_Nbr] int NULL ,
12    [Auth_Addr] varchar(25) COLLATE SQL_Latin1_General_CP1_CI_AS NULL ,
13    [Auth_Cty] varchar(20) COLLATE SQL_Latin1_General_CP1_CI_AS NULL ,
14    [Auth_St] varchar(4) COLLATE SQL_Latin1_General_CP1_CI_AS NOT NULL ,
15    [Auth_Zip_Cd] varchar(9) COLLATE SQL_Latin1_General_CP1_CI_AS NULL ,
16    [Cntrct] smallint NULL
17 )
18 go
  
```

< Back Next > Generate OK Cancel Help





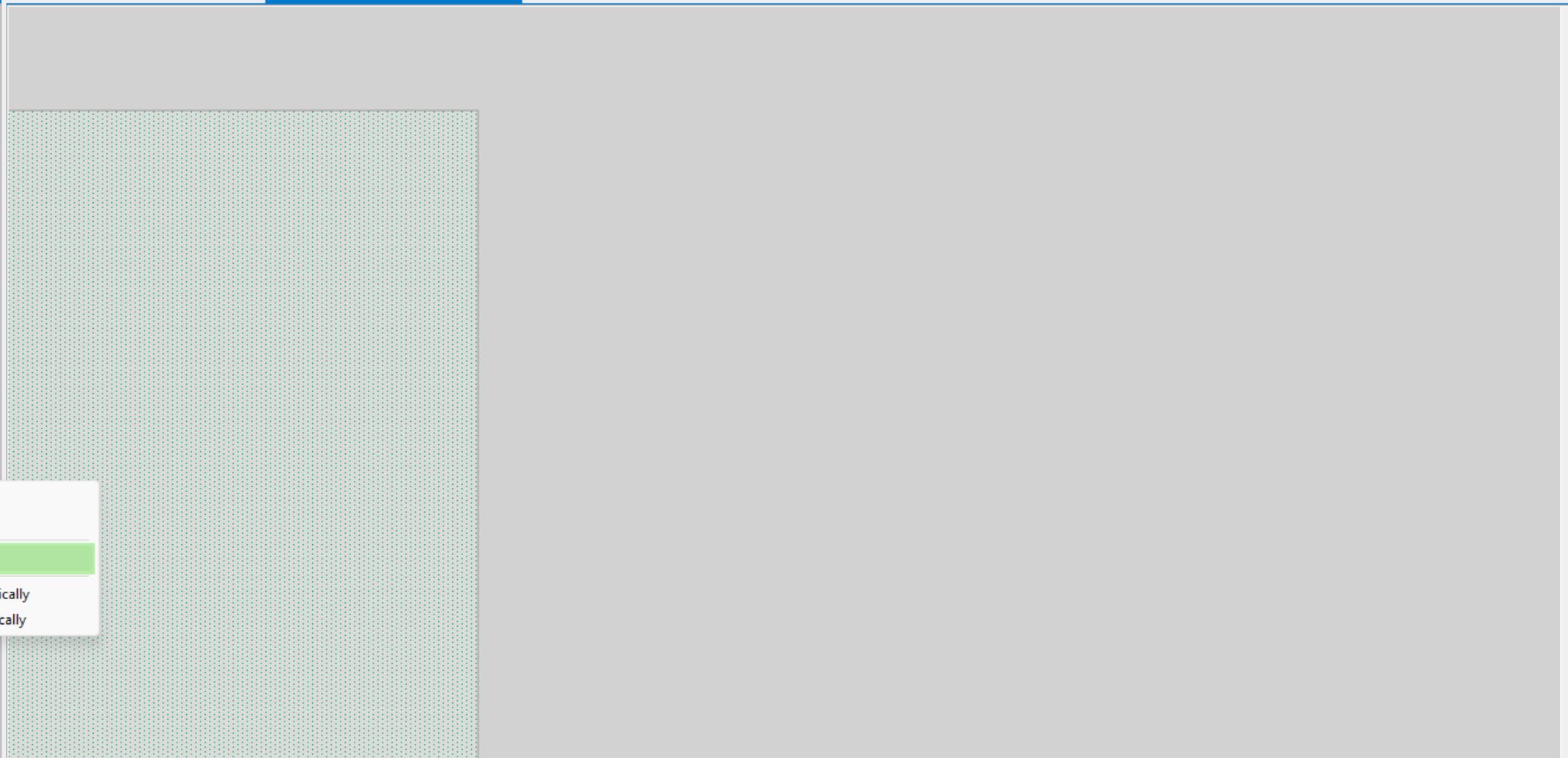
# AMT in Action: Refresh the Template

Model Explorer

Skills 101 Model 1 - Season Two.er... Mart://Mart/Skills 101/Skills 101 A...

- Skills 101 AMT Model 99
  - Aggregates
  - Always Encrypted Keys
  - Annotations
  - Application Roles
  - Assemblies
  - Asymmetric Keys
  - Certificates
  - Credentials
  - Cryptographic Providers
  - Data Movement Rules
  - Data Movement Sources
  - Data Vault 2.0
  - Database Audit Specificatio...
  - Database Encryption Keys
  - Database Roles
  - Databases
  - Datatype Standards
  - Default Values
  - Domains
    - \_default\_
    - Blob
    - Datetime
    - Lst\_Nam
    - Per
    - Number
    - String
  - ER Diagram
  - External Da
  - External File
  - External Lar
  - External Lib
  - Files
  - Fulltext Catalogs
  - Fulltext Stoplists
  - Functions
  - Logins

- New
- Delete
- Properties...
- Sort Alphabetically
- Sort Hierarchically



Model Subject Area

Project Explorer Model Explorer

Conceptual Logical Physical

Model Explorer

- Skills 101 AMT Model 99
  - Aggregates
  - Always Encrypted Keys
  - Annotations
  - Application Roles
  - Assemblies
  - Asymmetric Keys
  - Certificates
  - Credentials
  - Cryptographic Providers
  - Data Movement Rules
  - Data Movement Sources
  - Data Vault 2.0
  - Database Audit Specificatio...
  - Database Encryption Keys
  - Database Roles
  - Databases
  - Datatype Standards
  - Default Values
  - Domains
    - \_default\_
    - Blob
    - Datetime
    - Lst\_Nam
    - Permissions
    - Number
    - String
  - ER Diagrams
  - External Data Sources
  - External File Fomats
  - External Languages
  - External Libraries
  - Files
  - Fulltext Catalogs
  - Fulltext Stoplists
  - Functions
  - Logins

Skills 101 Model 1 - Season Two.er...

Mart://M

SQL Server Domain 'Lst\_Nam' Dictionary

Physical Name	Domain Parent	Physical Data Type	Generate ...	Physical
?_default_		char(18)	<input type="checkbox"/>	<input type="checkbox"/>
Blob	?_default_	varbinary	<input type="checkbox"/>	<input type="checkbox"/>
Datetime	?_default_	datetime	<input type="checkbox"/>	<input type="checkbox"/>
Lst_Nam	?_def...	char(99)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Enter filter text

General SQL Server Permission Constraint Comments Where Used UDP Notes Extend

Domain Parent

- ?\_default\_
  - Blob
  - Datetime
  - Lst\_Nam
  - Number
  - String

**Name**

Name	Last Name
Physical Name	%DomainName
Harden Strategy	Inherit

**Column Name**

Column Name	%AttName
-------------	----------

**General Options**

Physical Only	<input type="checkbox"/>
Generate As Udd	<input checked="" type="checkbox"/>

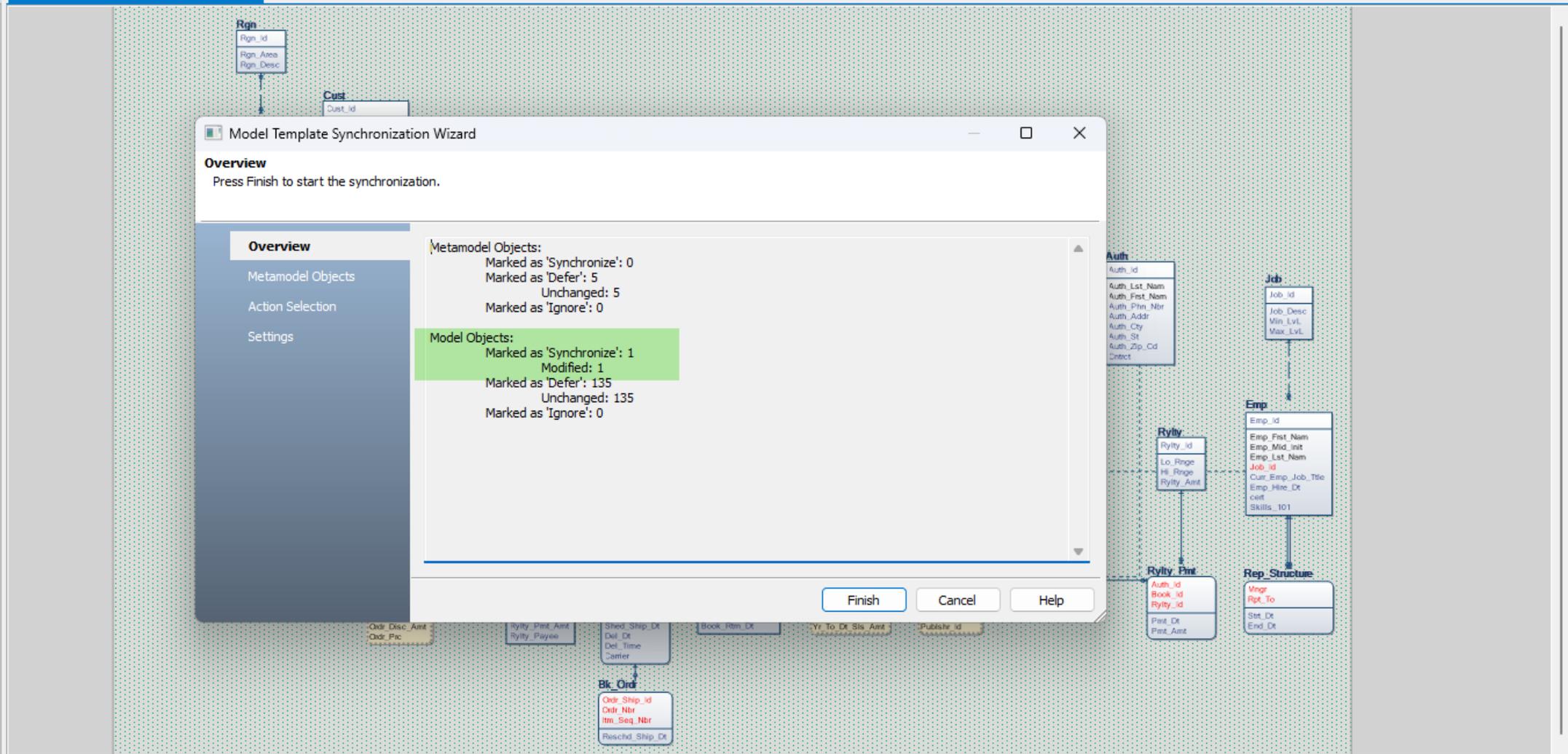
Close Cancel

Details...



Model Explorer Skills 101 Model 1 - Season Two.erwin Mart://Mart/Skills 101/Skills 101 A...

- Datatype Standards
- Default Values
- Domains
  - \_default\_
  - Blob
  - Datetime
  - Lst\_Nam
  - Number
  - String
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- External Data Sources
- External File Formats
- External Languages
- External Libraries
- Files
- Fulltext Catalogs
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- Functions
- Logins
- Model Sources
- Naming Standards
- Publication System NSM
- Partition Functions
- Partition Schemes
- Permissions
- Relationships
- Resource Pools
- Schemas
- Script Templates
- Sequences
- Server Audit Specifications
- Server Audits
- Stored Procedures
- Subject Areas
- Symmetric Keys
- Synonyms
- Tables



### Model Template Synchronization Wizard

**Overview**  
Press Finish to start the synchronization.

**Overview**

**Metamodel Objects:**

- Marked as 'Synchronize': 0
- Marked as 'Defer': 5
  - Unchanged: 5
- Marked as 'Ignore': 0

**Model Objects:**

- Marked as 'Synchronize': 1
  - Modified: 1
- Marked as 'Defer': 135
  - Unchanged: 135
- Marked as 'Ignore': 0

Buttons: Finish, Cancel, Help

Model Subject Area

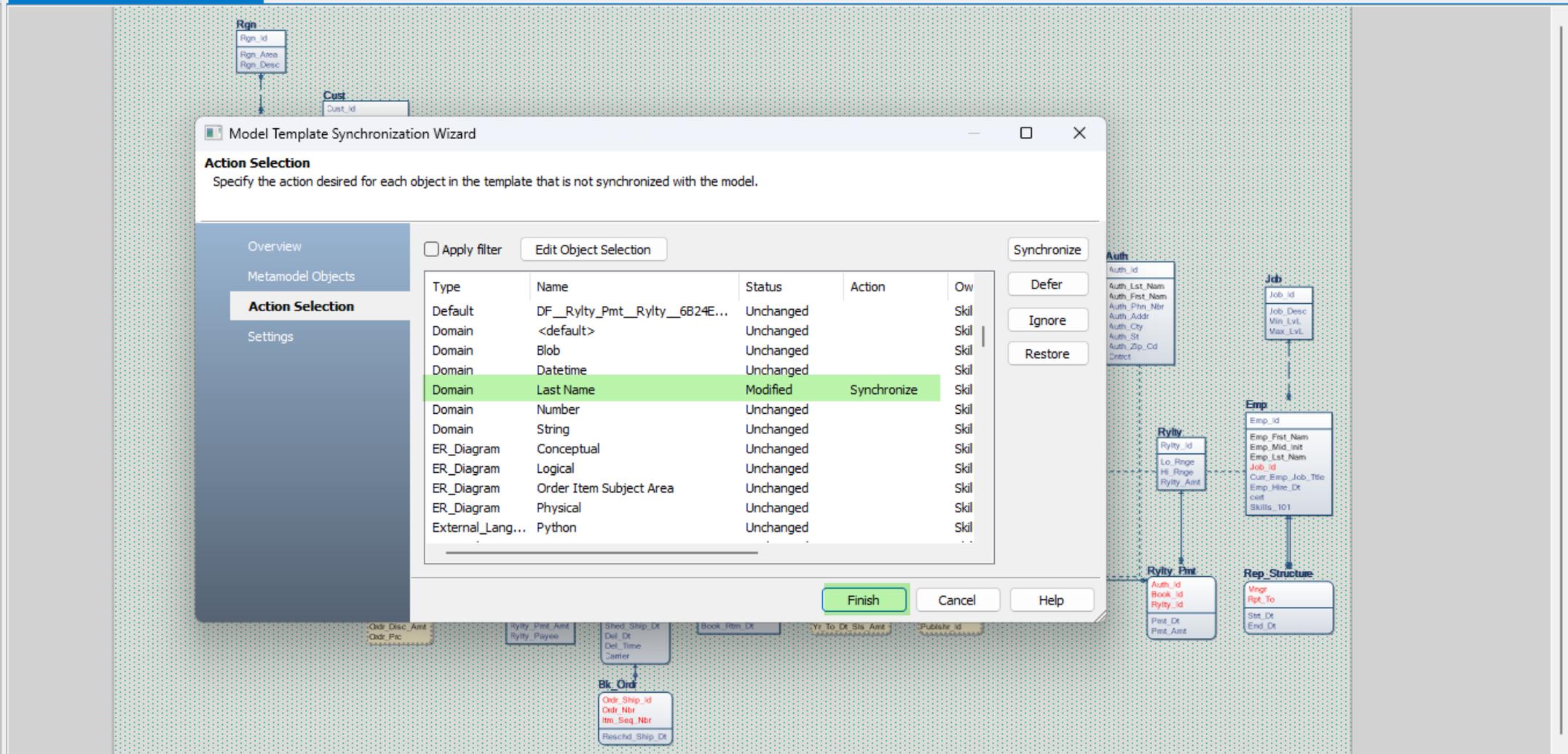
Project Explorer Model Explorer

Conceptual Logical Physical

Bulk Editor

Model Explorer Skills 101 Model 1 - Season Two.erwin Mart://Mart/Skills 101/Skills 101 A...

- Datatype Standards
- Default Values
- Domains
  - \_default\_
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- Tables



### Model Template Synchronization Wizard

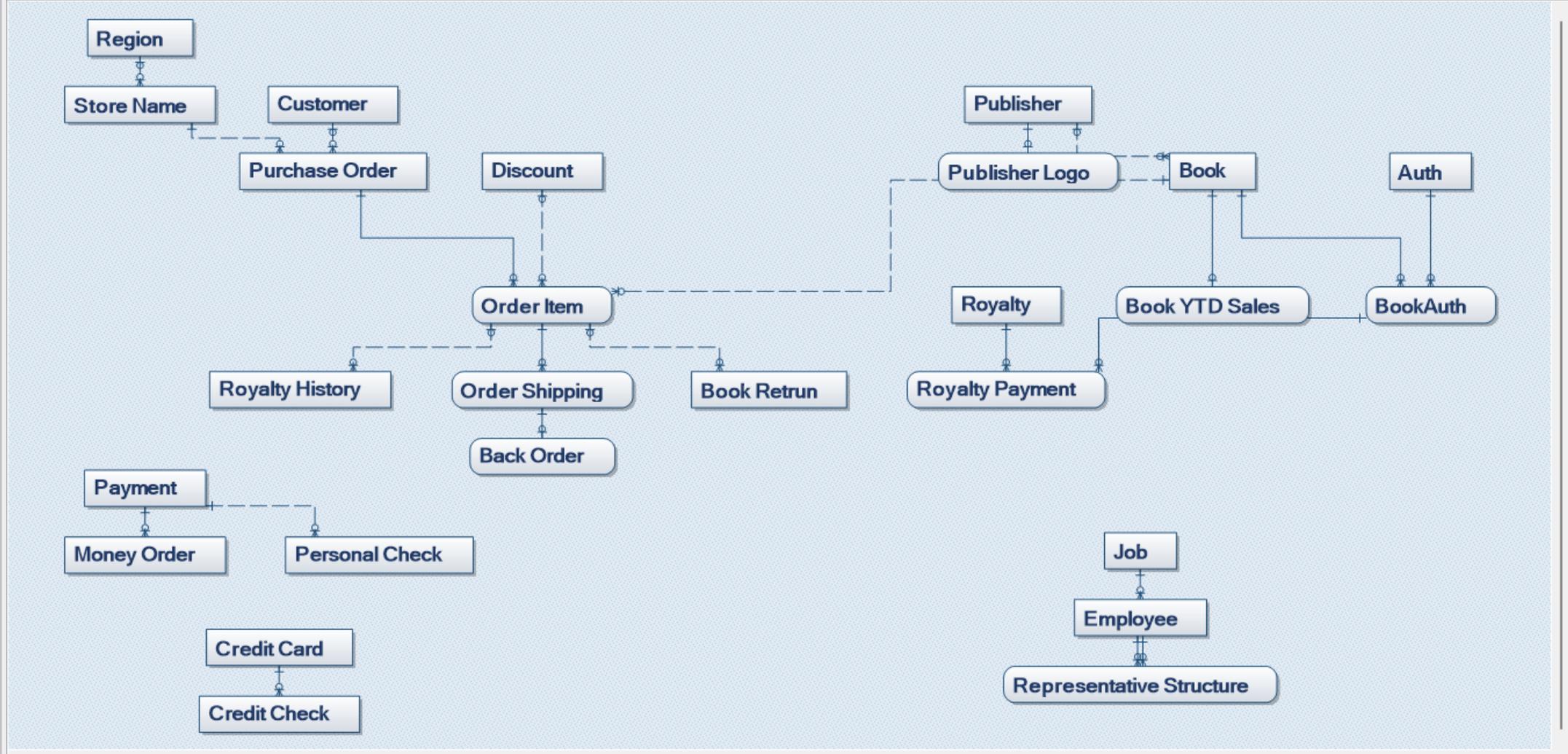
**Action Selection**  
Specify the action desired for each object in the template that is not synchronized with the model.

Apply filter

Type	Name	Status	Action	Ow
Default	DF_Rylty_Pmt_Rylty__6B24E...	Unchanged		Skil
Domain	<default>	Unchanged		Skil
Domain	Blob	Unchanged		Skil
Domain	Datetime	Unchanged		Skil
Domain	Last Name	Modified	Synchronize	Skil
Domain	Number	Unchanged		Skil
Domain	String	Unchanged		Skil
ER_Diagram	Conceptual	Unchanged		Skil
ER_Diagram	Logical	Unchanged		Skil
ER_Diagram	Order Item Subject Area	Unchanged		Skil
ER_Diagram	Physical	Unchanged		Skil
External_Lang...	Python	Unchanged		Skil

Model Explorer Skills 101 Model 1 - Season Two.erwin Mart://Mart/Skills 101/Skills 101 A...

- Skills 101 AMT Model 99
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
    - <default>
    - Blob
    - Datetime
    - Last Name
    - Number
    - String
  - Entities
  - ER Diagrams
  - Model Sources
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  - Themes
  - Validation Rules



Model Subject Area

Project Explorer Model Explorer

Conceptual Logical Physical



# AMT in Action: New Model

Model Explorer

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

Skills 101 Model 1 - Season Two.er... Mart://Mart/Skills 101/Skills 101 A...

Model Subject Area

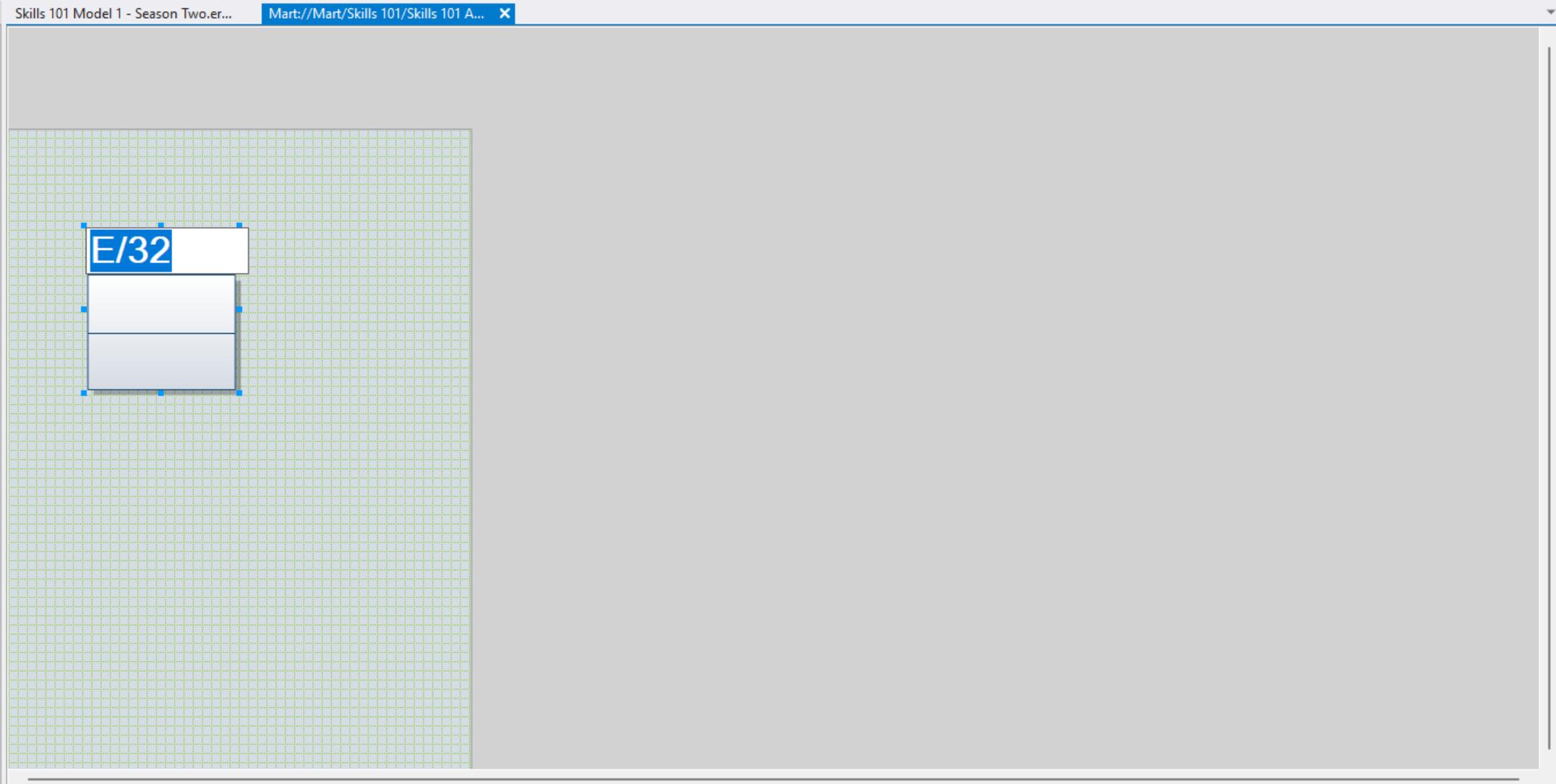
Project Explorer Model Explorer

Conceptual Logical Physical

Bulk Editor

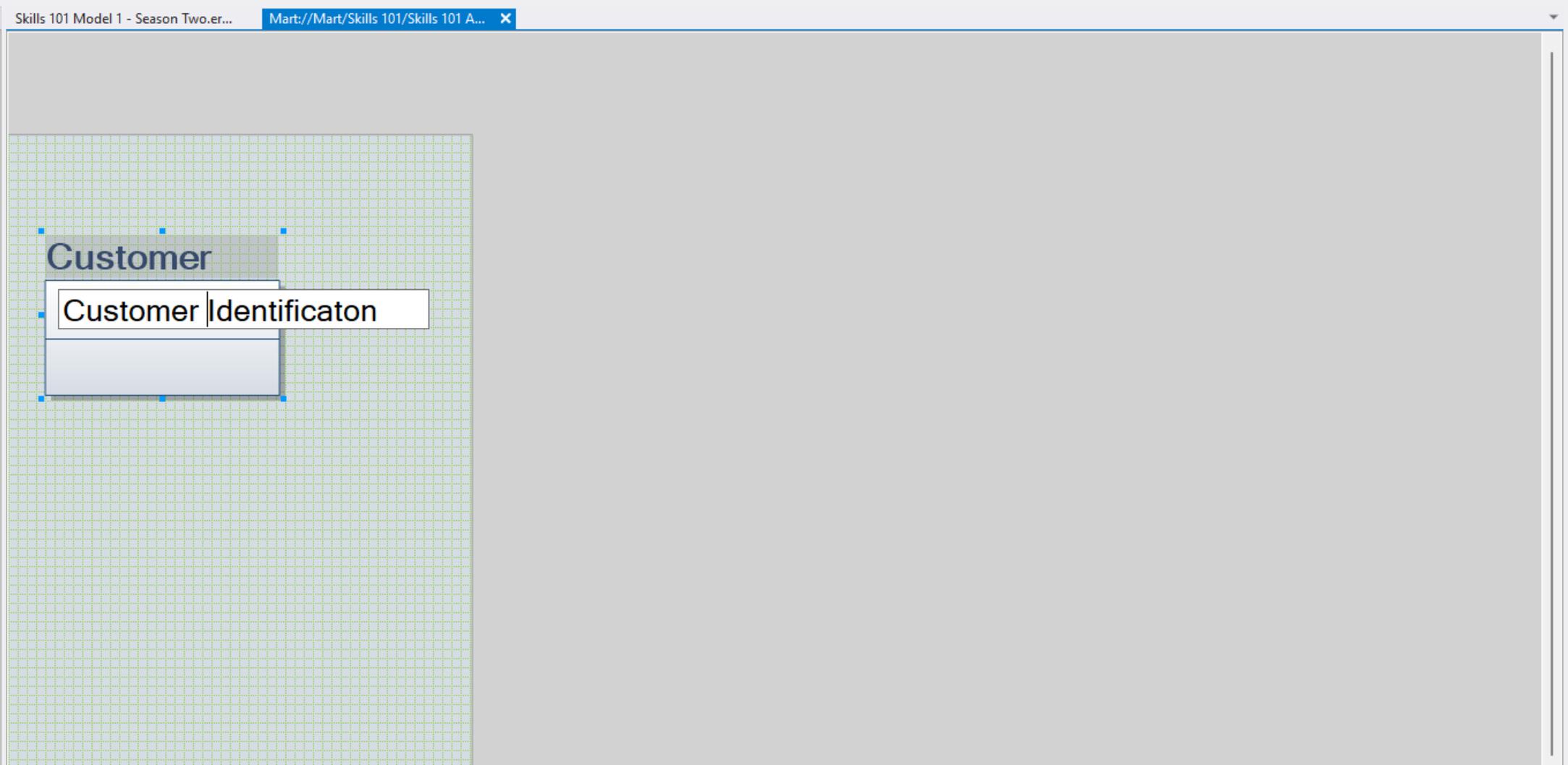
Model Explorer

- Skills 101 AMT Model 99
  - Annotations
  - Data Vault 2.0
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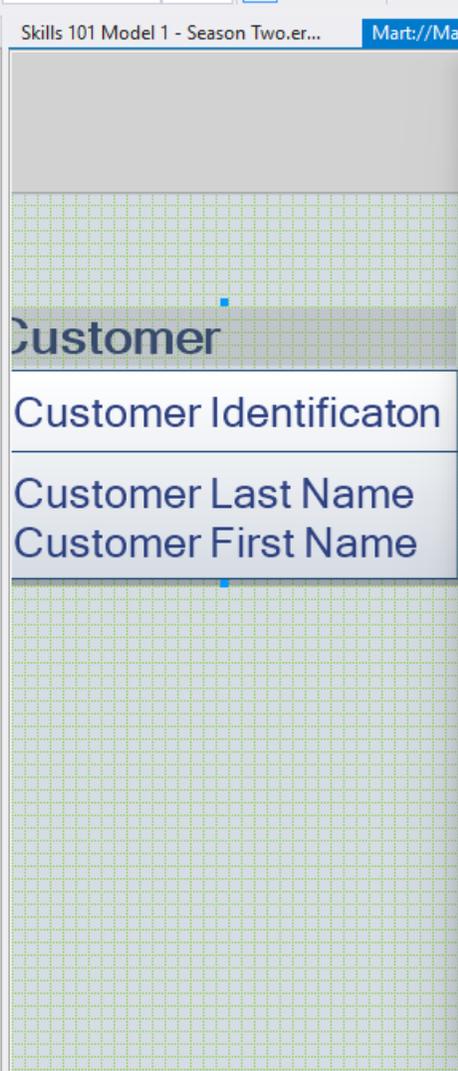
Model Explorer

- Skills 101 AMT Model 99
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  - Themes
  - Validation Rules



Entity 'Customer' Attribute 'Customer Last Name' Editor

Entity: Customer

Name	Parent Domain	Logical Data Type	Primary Key	Foreign Key	Logical Only
Customer Identifica...	<def...>	CHAR(18)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Customer Last Name	Last ...	CHAR(99)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Customer First Name	<def...>	CHAR(18)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

---

General Constraint Shortcut Link Key Groups Style Definition Business Terms Mappin

Domain

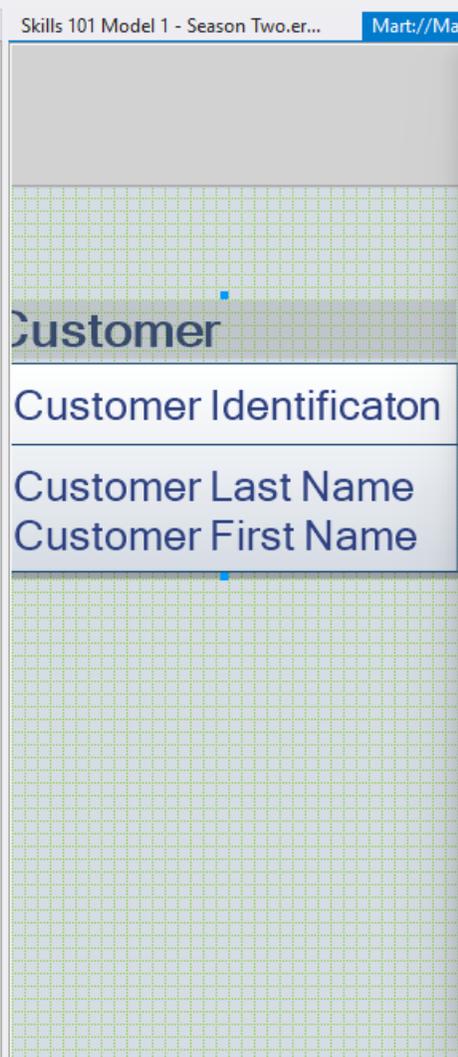
- <default>
  - Blob
  - Datetime
  - Last Name
  - Number
  - String

Name: Customer Last Name  
 Logical Data Type: CHAR(99)  
 General Options:  
 Logical Only:   
 Null Option: Null  
 Image: Default <unkn...

Close Cancel Details...

Model Explorer

- Skills 101 AMT Model 99
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
  - Default Values
  - Domains
  - Entities
  - ER Diagrams
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Entity 'Customer' Attribute 'Customer Last Name' Editor

Entity: Customer

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Customer Last Name	Last ...	CHAR(99)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Customer First Name	<def...>	CHAR(18)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

---

General Constraint Shortcut Link Key Groups Style Definition Business Terms Mappin

Domain

- <default>
  - Blob
  - Datetime
  - Last Name
  - Number
  - String

**Name**  
 Name: Customer Last Name  
**Logical Data Type**  
 Logical Data Type: CHAR(99)  
**General Options**  
 Logical Only:   
 Null Option: Null  
 Image: Default <unkn...

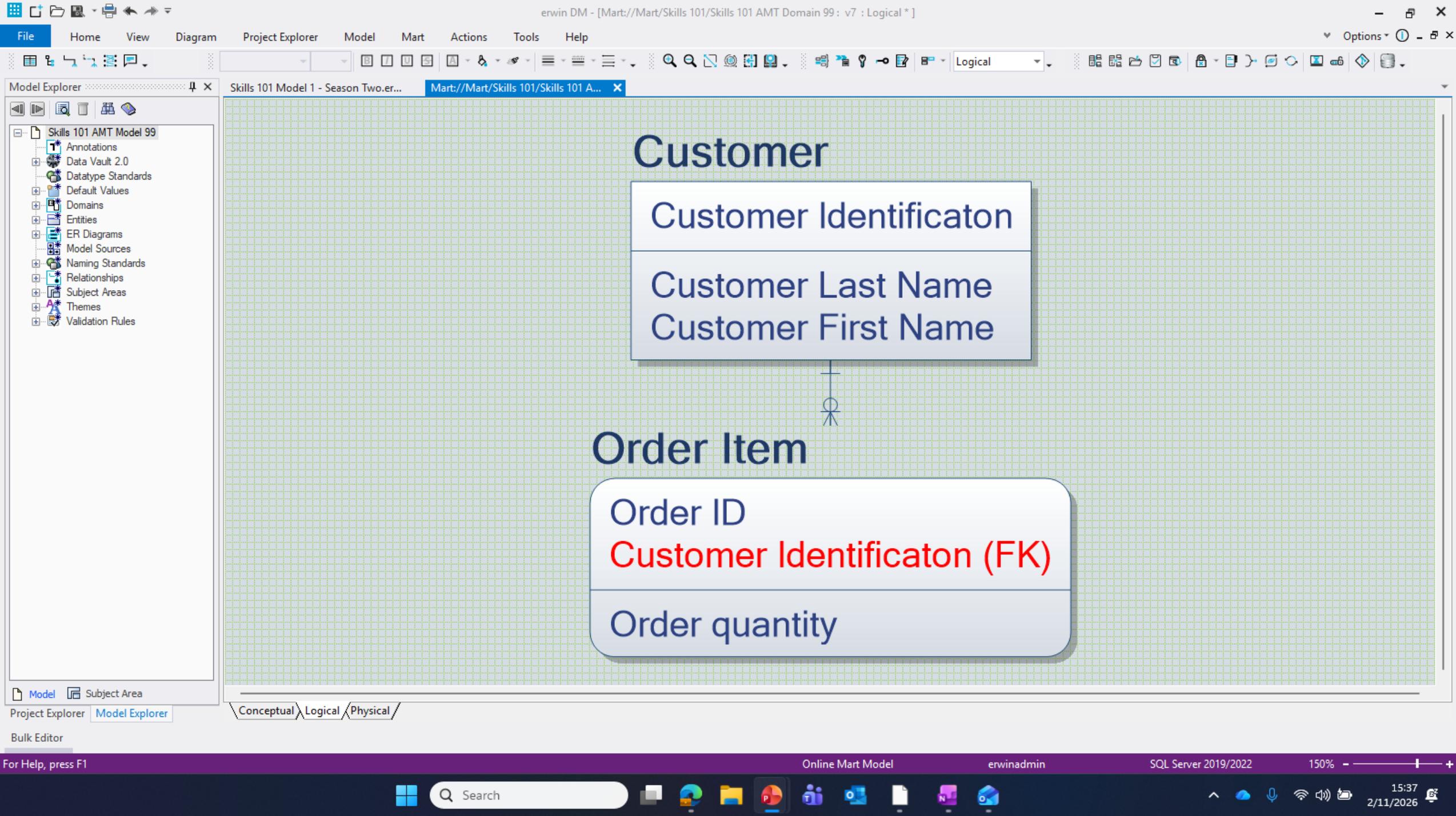
Close Cancel Details...

Model Explorer

- Skills 101 AMT Model 99
  - Annotations
  - Data Vault 2.0
  - Datatype Standards
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  - Validation Rules

Model Subject Area

Skills 101 Model 1 - Season Two.er... Mart://Mart/Skills 101/Skills 101 A...



- Skills 101 AMT Model 99
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  - Validation Rules

# Customer

Customer Identificaton

---

Customer Last Name

Customer First Name

# Order Item

Order ID

Customer Identificaton (FK)

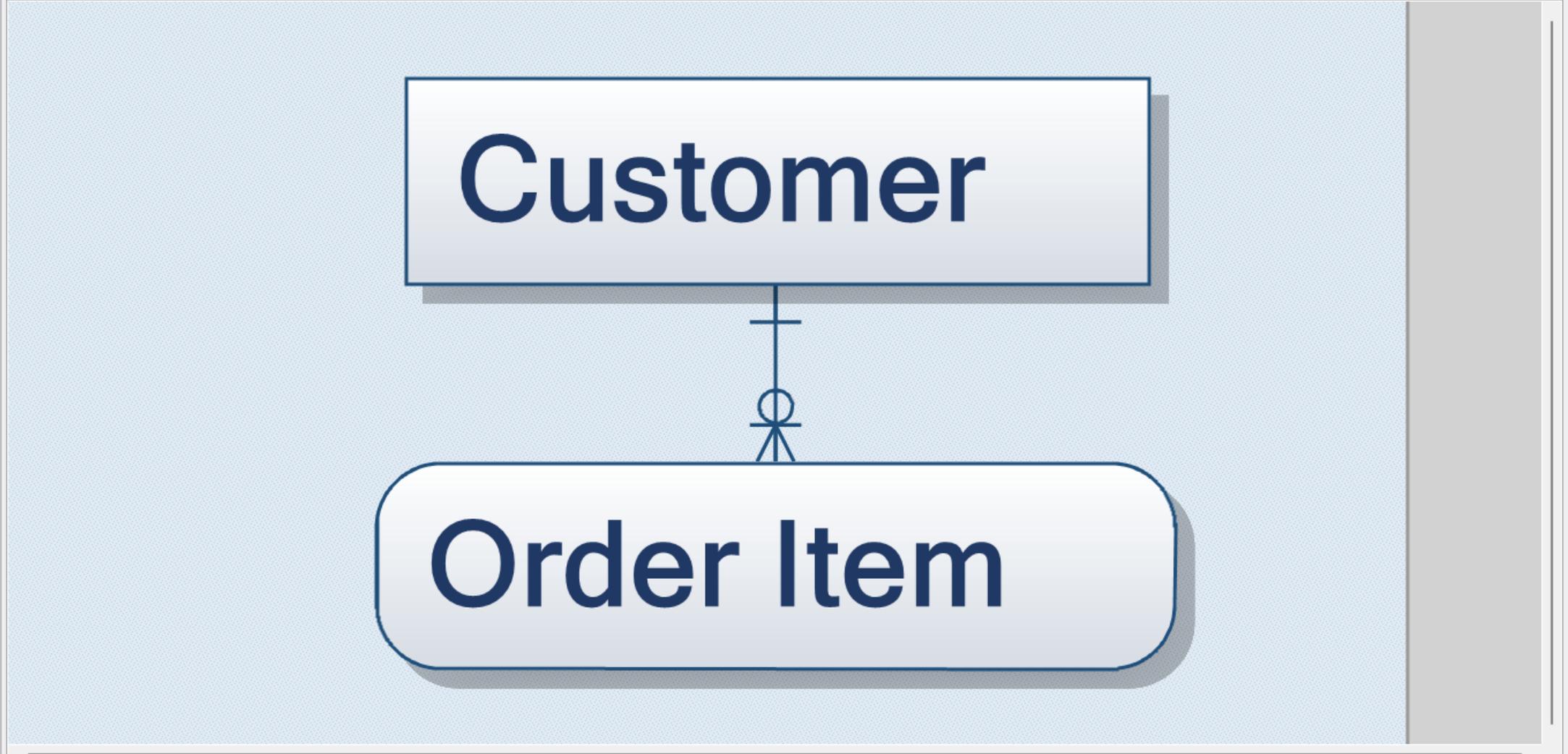
---

Order quantity

Model Explorer

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Skills 101 Model 1 - Season Two.er... Mart://Mart/Skills 101/Skills 101 A...



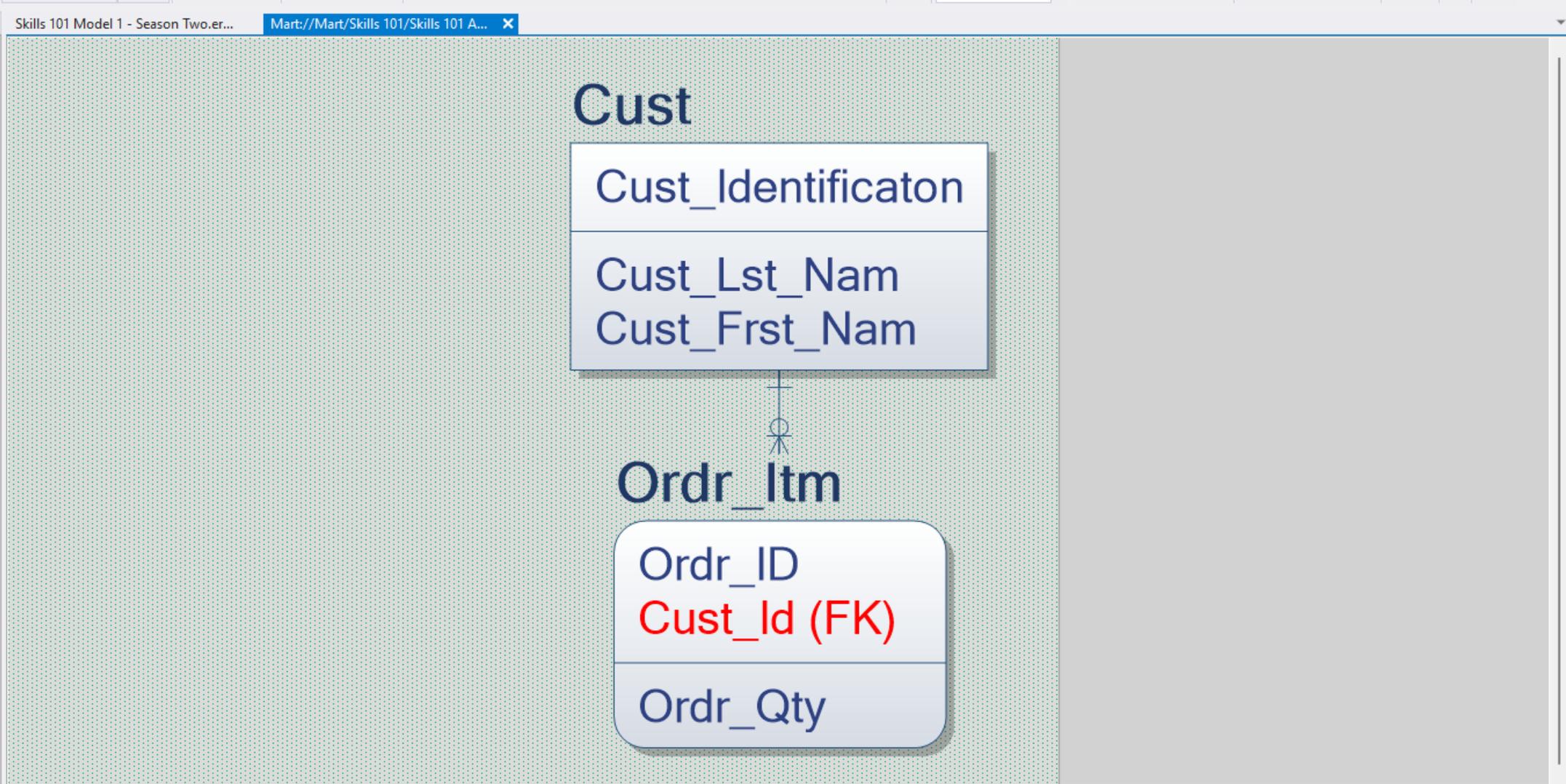
Model Subject Area

Project Explorer Model Explorer Conceptual Logical Physical

Bulk Editor

Model Explorer

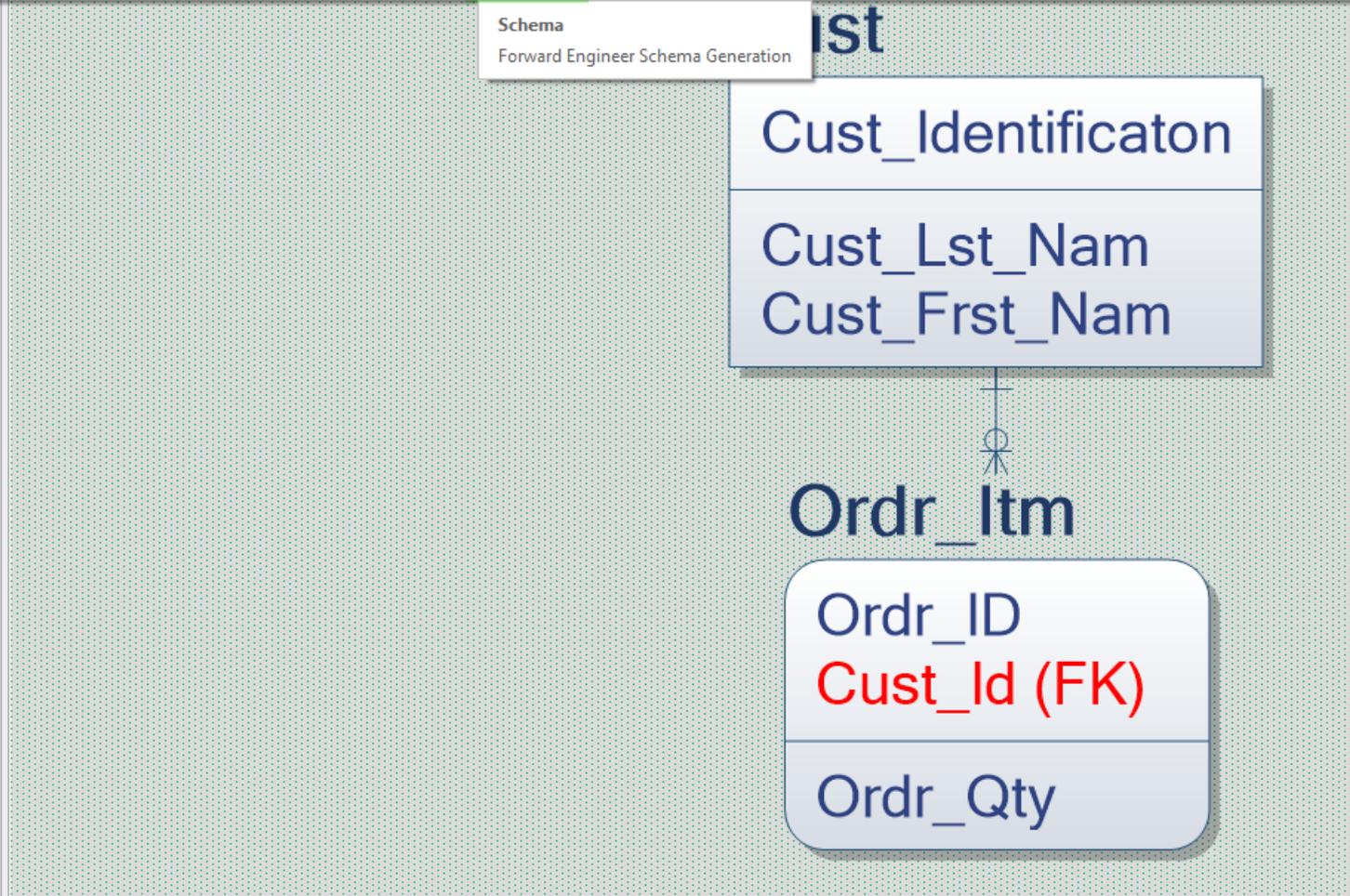
- Datatype Standards
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Transformations Complete Compare Manage Snapshots Design Layers\* Target Database Reverse Engineer Reverse Engineer Configuration Schema... Alter Script... Check Model Templates... Forward Engineer Hierarchical View Embedded View

- Default Values
- Domains
  - \_default\_
  - Blob
  - Datetime
  - Lst\_Nam
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- Stored Procedures
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Schema  
Forward Engineer Schema Generation



Model Subject Area

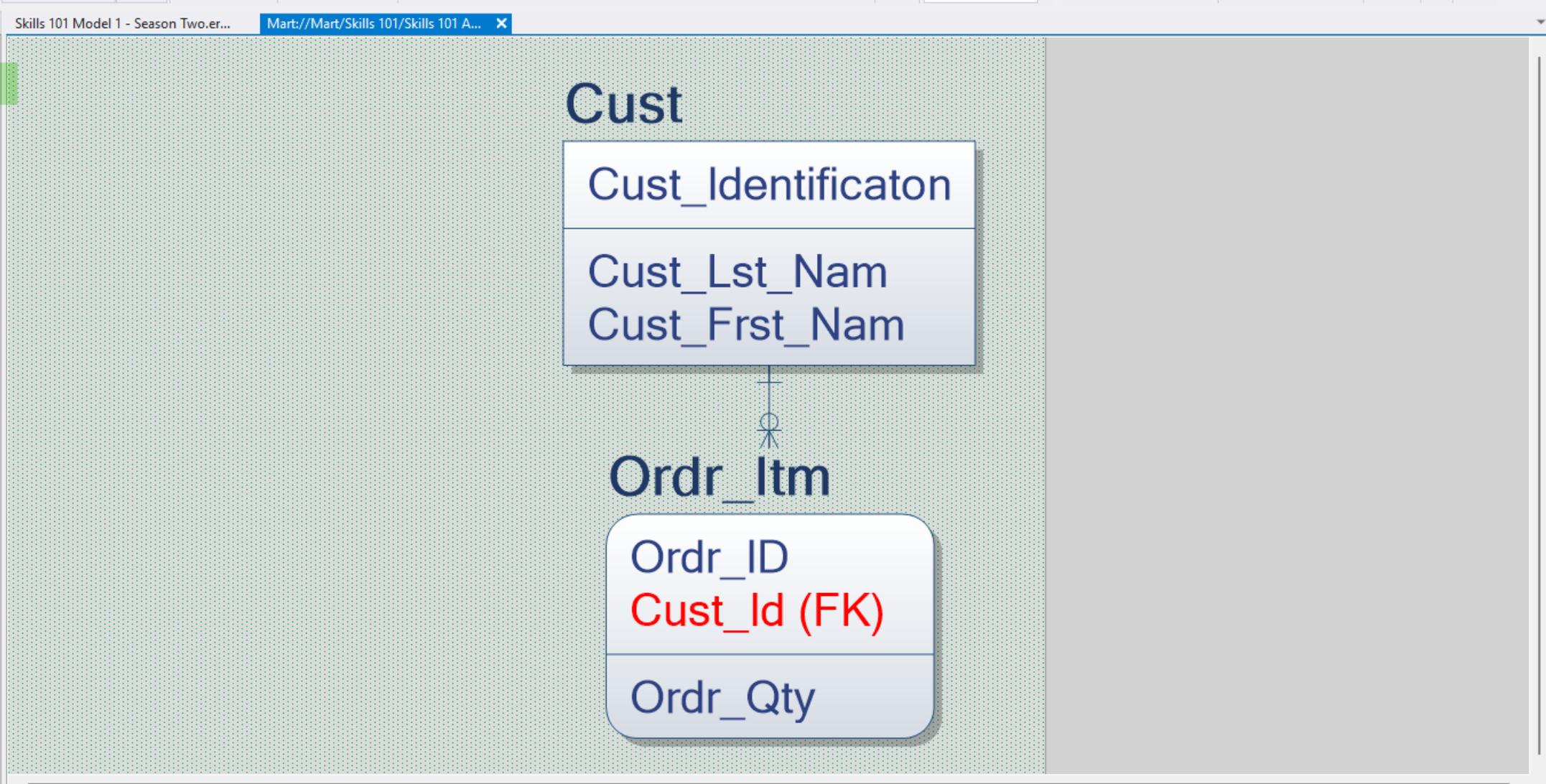
Project Explorer Model Explorer

Conceptual Logical Physical

Bulk Editor

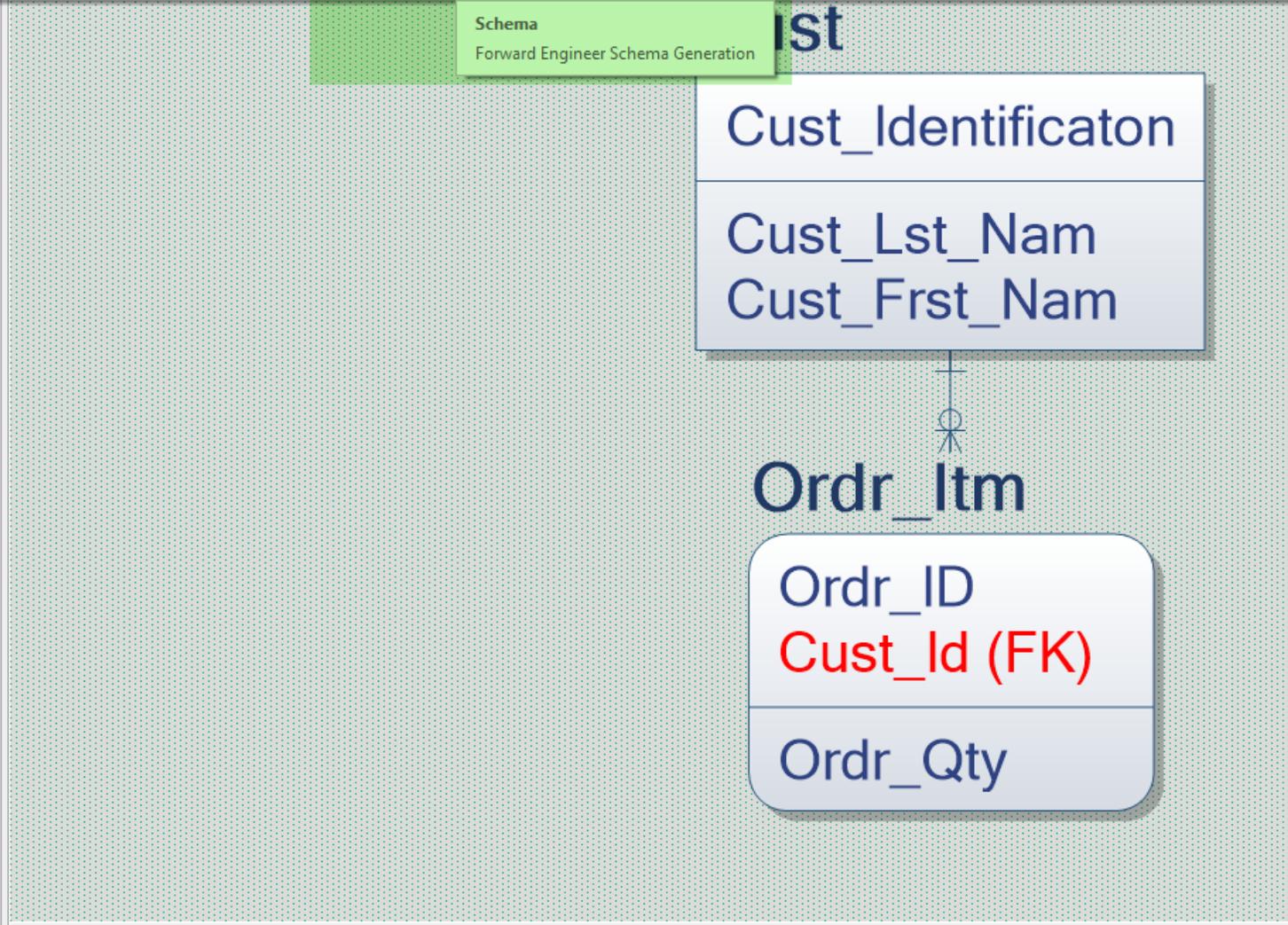
Model Explorer

- Skills 101 AMT Model 99
  - Aggregates
  - Always Encrypted Keys
  - Annotations
  - Application Roles
  - Assemblies
  - Asymmetric Keys
  - Certificates
  - Credentials
  - Cryptographic Providers
  - Data Movement Rules
  - Data Movement Sources
  - Data Vault 2.0
  - Database Audit Specificatio...
  - Database Encryption Keys
  - Database Roles
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  - Datatype Standards
  - Default Values
  - Domains
    - \_default\_
    - Blob
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    - Lst\_Nam
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Transformations Complete Compare Manage Snapshots Design Layers\* Target Database Reverse Engineer Database Reverse Engineer Configuration Schema... Alter Script... Check Model Templates... Forward Engineer Hierarchical View Embedded View

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- Model Sources
- Naming Standards
- Publication System NSM



Model Explorer

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  - Aggregates
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Model Subject Area

# Cust

Forward Engineer Schema Generation Wizard

**Schema Generation Overview**  
This page provides an overview of the Forward Engineer Schema Generation.

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

**Overview**

Welcome to the Forward Engineer Wizard. This wizard lets you forward engineer a model.

Forward engineering is the process of generating the physical database schema from a physical model. You use the Schema Generation wizard to forward engineer a model and generate the schema. The schema that you generate includes all options that are supported in your target server. You can customize the generated schema for your target server using features in the Schema Generation wizard.

The **Option Selection** page lets you customize the Schema Generation option set and the database template.

The **Summary** page lets you review the selected Schema Generation options in a hierarchical tree structure. The page also lets you enter a comment for the current Schema Generation option set.

The **Owner Override** page lets you enter the owner override name of an object group. The object group and name you indicate override the owner name assignment for that object group in the model.

The **Object Filter** page lets you select a subset of the objects in a model for forward engineering.

The **Preview** page lets you preview the schema DDL script generated for the current model.

< Back Next > Generate OK Cancel Help

Model Explorer

- Skills 101 AMT Model 99
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  - Annotations
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  - Assemblies
  - Asymmetric Keys
  - Certificates
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Forward Engineer Schema Generation Wizard

Schema Generation Preview

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

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

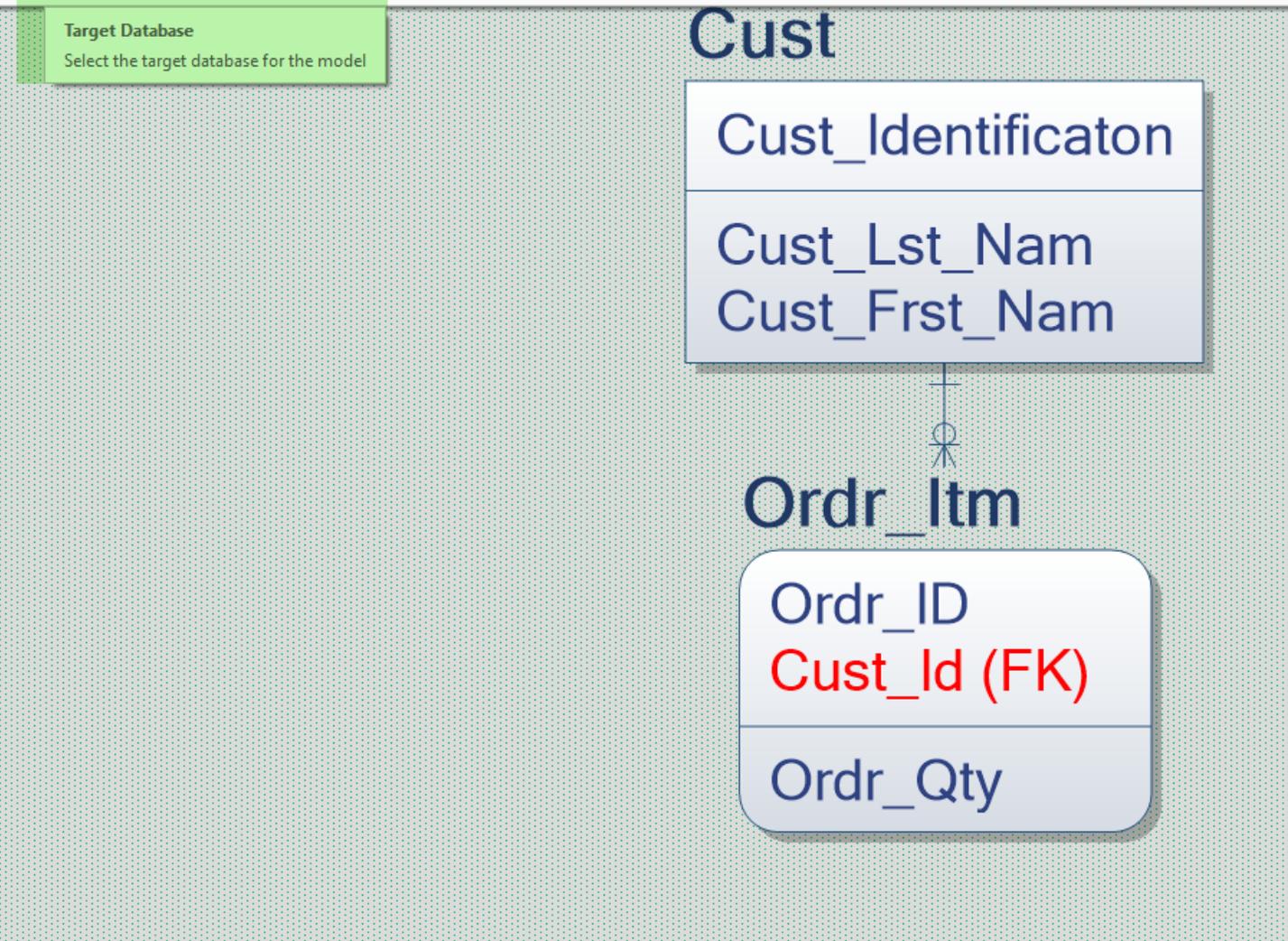
```

53      select
54          case when grouping(type) = 1 then 'ALL'
55          else type end as type,
56          case when grouping(pub_id) = 1 then 'ALL'
57          else pub_id end as pub_id, avg(ytd_sales) as avg_ytd_sales
58      from titles
59      where pub_id is NOT NULL
60      group by pub_id, type with rollup;
61 END;
62 go
63
64 CREATE TRIGGER tD_Cust ON Cust FOR DELETE AS
65 /* erwin Builtin Trigger */
66 /* DELETE trigger on Cust */
67 BEGIN
68     DECLARE @errno int,
69             @severity int,
70             @state int,
71             @errmsg varchar(255)
72     /* erwin Builtin Trigger */
73     /* Cust Ord_r_Itm on parent delete no action */
74     /* ERWIN_RELATION:CHECKSUM="000115c5", PARENT_OWNER="", PARENT_TABLE="Cust"
75     CHILD_OWNER="", CHILD_TABLE="Ord_r_Itm"
76     P2C_VERB_PHRASE="", C2P_VERB_PHRASE="",
77     FK_CONSTRAINT="R_41", FK_COLUMNS="Cust_Id" */
78     IF EXISTS (
79         SELECT * FROM deleted,Ord_r_Itm
80         WHERE
81             /* %JoinFKPK(Ord_r_Itm,deleted," = "," AND") */
82             Ord_r_Itm.Cust_Id = deleted.Cust_Identificaton
83     )
84     BEGIN
85         SELECT @errno = 30001,
86                @errmsg = 'Cannot delete Cust because Ord_r_Itm exists.'

```

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

- Aggregates
- Always Encrypted Keys
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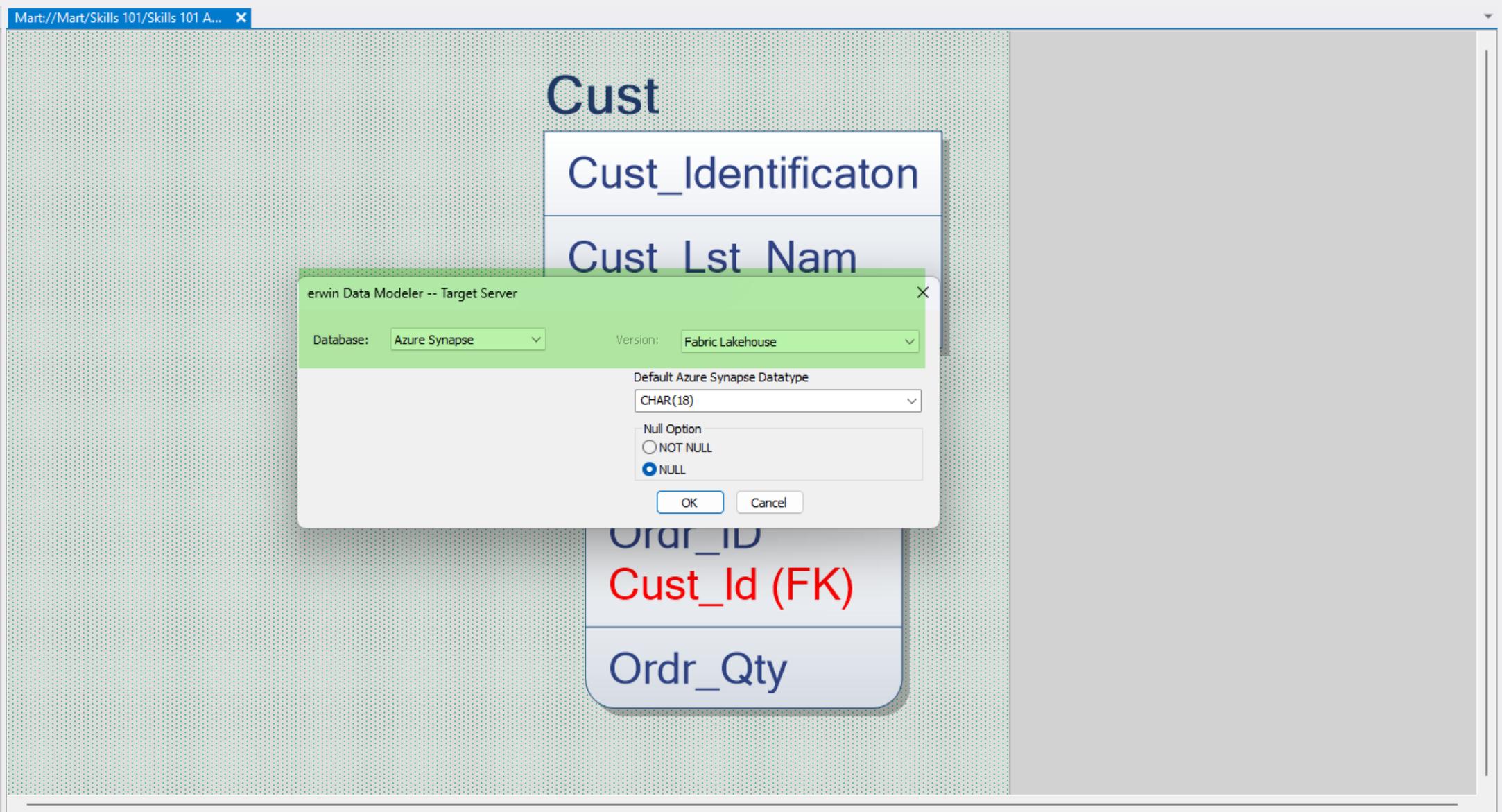


Model Subject Area

Model Explorer

- Skills 101 AMT Model 99
  - Aggregates
  - Always Encrypted Keys
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  - Naming Standards
  - Publication System NSM

Model Subject Area



erwin Data Modeler -- Target Server

Database: Azure Synapse Version: Fabric Lakehouse

Default Azure Synapse Datatype: CHAR(18)

Null Option:  NULL  NOT NULL

OK Cancel

### Schema Generation Preview

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

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

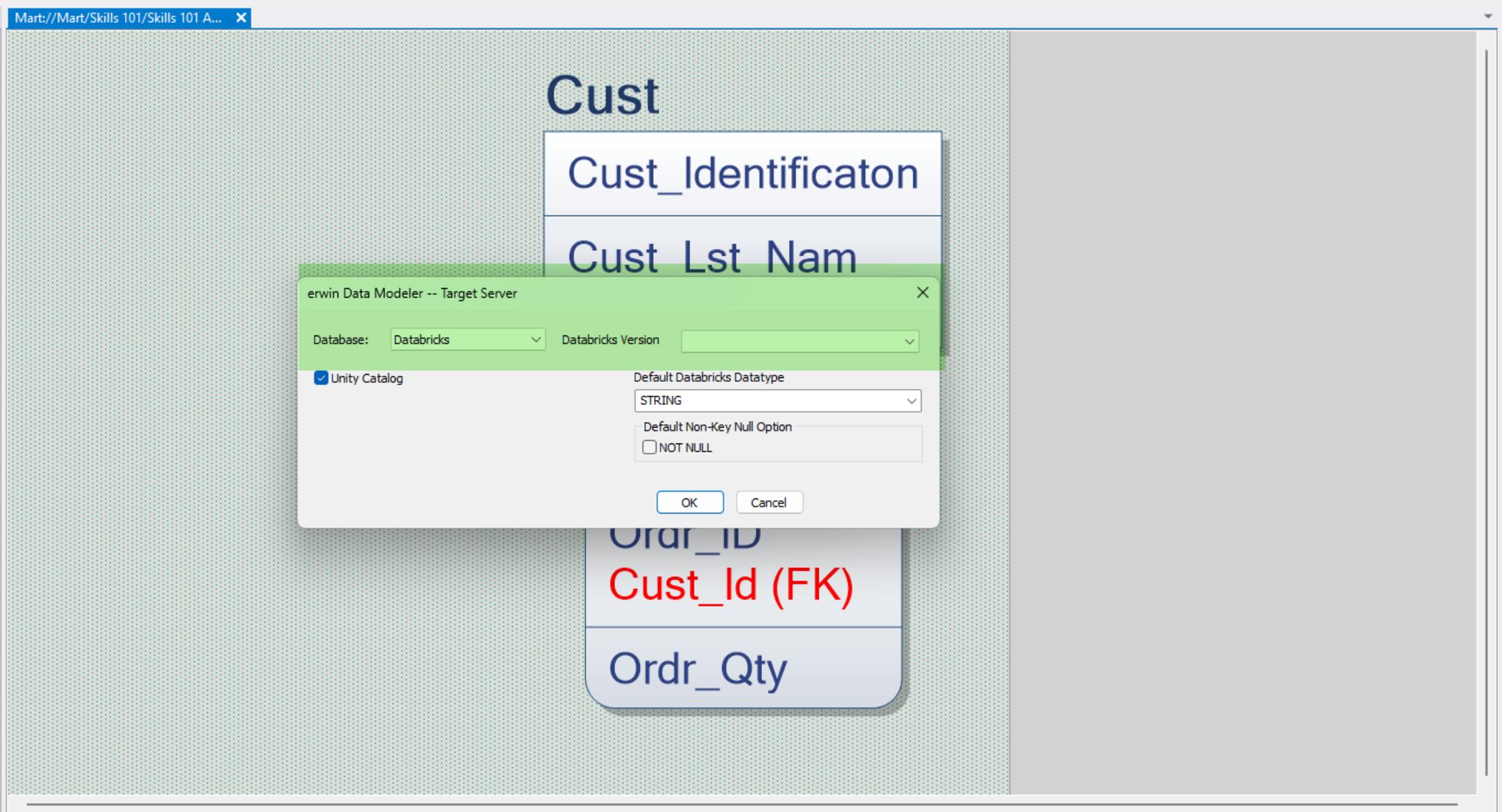


```
1  
2 CREATE TABLE Cust  
3 (  
4     Cust_Identificaton char(18),  
5     Cust_Lst_Nam char(999),  
6     Cust_Frst_Nam char(18)  
7 );  
8  
9 CREATE TABLE Ordr_Itm  
10 (  
11     Ordr_ID char(18),  
12     Ordr_Qty char(18),  
13     Cust_Id char(18)  
14 );  
15
```

Model Explorer

- Skills 101 AMT Model 99
  - Aggregates
  - Always Encrypted Keys
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Model Subject Area



Model Explorer

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  - Data Movement Rules
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  - Subject Areas
  - Tables
  - Themes
  - User Ids
  - Validation Rules
  - Views

### Forward Engineer Schema Generation Wizard

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

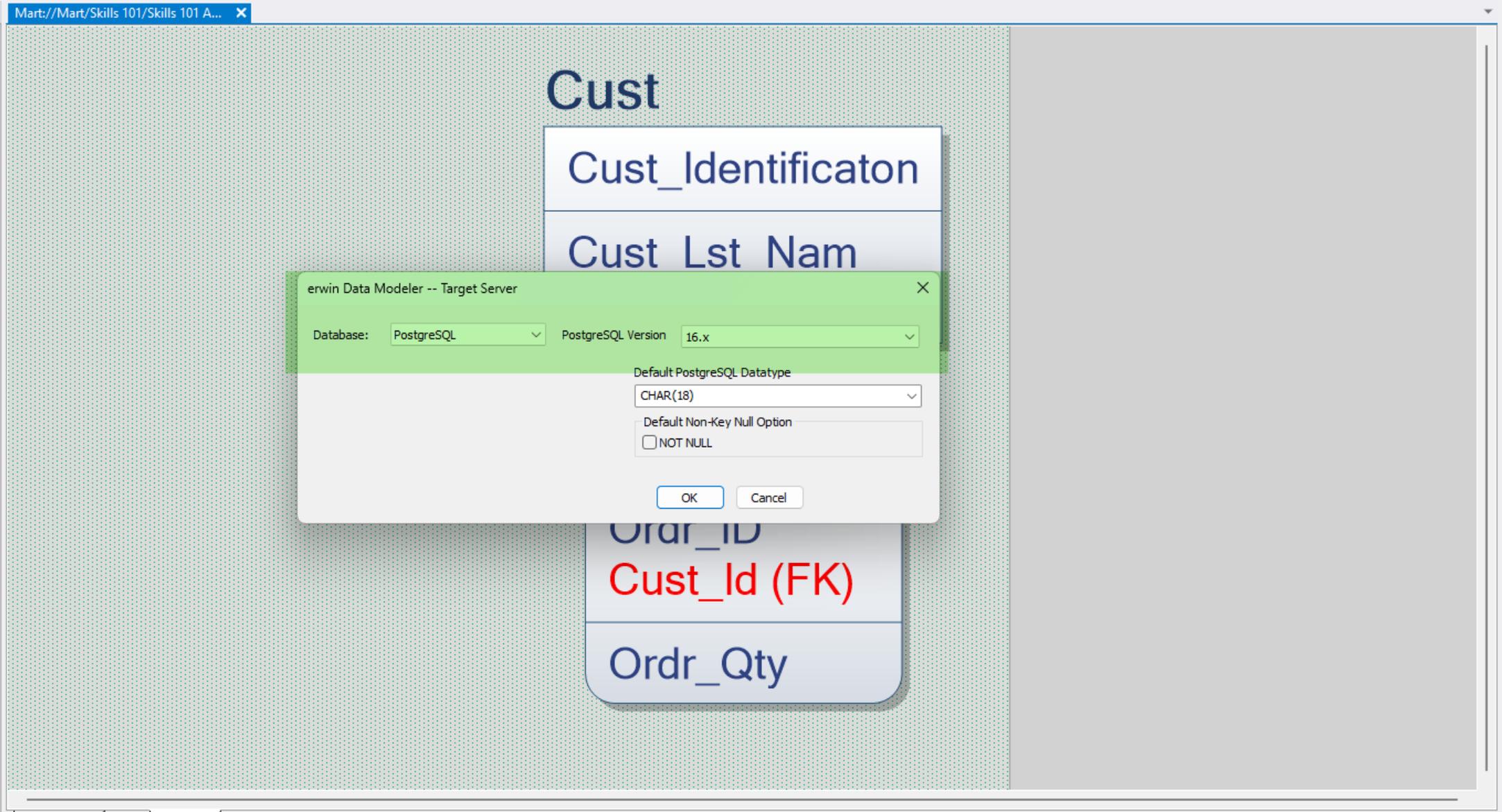
- Overview
- Option Selection
- Summary
- Owner Override
- Object Filter
- Preview**

```
1 CREATE TABLE Cust
2
3 (
4     Cust_Identificaton STRING NOT NULL,
5     Cust_Lst_Nam CHAR(999),
6     Cust_Frst_Nam STRING
7 );
8
9 ALTER TABLE Cust
10     ADD CONSTRAINT XPKCustomer PRIMARY KEY (Cust_Identificaton);
11
12 CREATE TABLE Ordr_Itm
13 (
14     Ordr_ID STRING NOT NULL,
15     Ordr_Qty STRING,
16     Cust_Id STRING NOT NULL
17 );
18
19 ALTER TABLE Ordr_Itm
20     ADD CONSTRAINT XPKOrder_Item PRIMARY KEY (Ordr_ID, Cust_Id);
21
22 ALTER TABLE Ordr_Itm
23     ADD CONSTRAINT R_41 FOREIGN KEY (Cust_Id) REFERENCES Cust (Cust_Identificaton);
24
```

Model Explorer

- Skills 101 AMT Model 99
  - Aggregates
  - Always Encrypted Keys
  - Annotations
  - Application Roles
  - Assemblies
  - Asymmetric Keys
  - Certificates
  - Credentials
  - Cryptographic Providers
  - Data Movement Rules
  - Data Movement Sources
  - Data Vault 2.0
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  - Database Encryption Keys
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  - Datatype Standards
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  - External Data Sources
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Model Subject Area



# erwin DM: Key Resources & Feature Guides

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## Foundations & Orientation

[erwin DM 15.1 Bookshelf](#)

[erwin Data Modeler User Interface](#)

## Erwin DM Modeling & Design

[The Theme Editor](#)

[Active Model Templates](#)

[Using Model Templates - Best Practices](#)

[Save a Model as a Template](#)

[Bind a Template to a Model](#)

[Synchronize Template Changes on Model Load](#)

[Model Template Synchronization Wizard](#)

Q&A

→ Quest

**Don't Miss What's Next!**

***Trusted Data, Faster: Quest  
Trusted Data Management  
Platform***

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**March 12<sup>th</sup> @ 11am ET**

