





erwin DM 101 Series

Episode 2

Unlocking the Secrets of Your Data Structures

Andy McGovern

Sr. Principal Consultant erwin DM









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Introduction to erwin Data Modeler 14.1

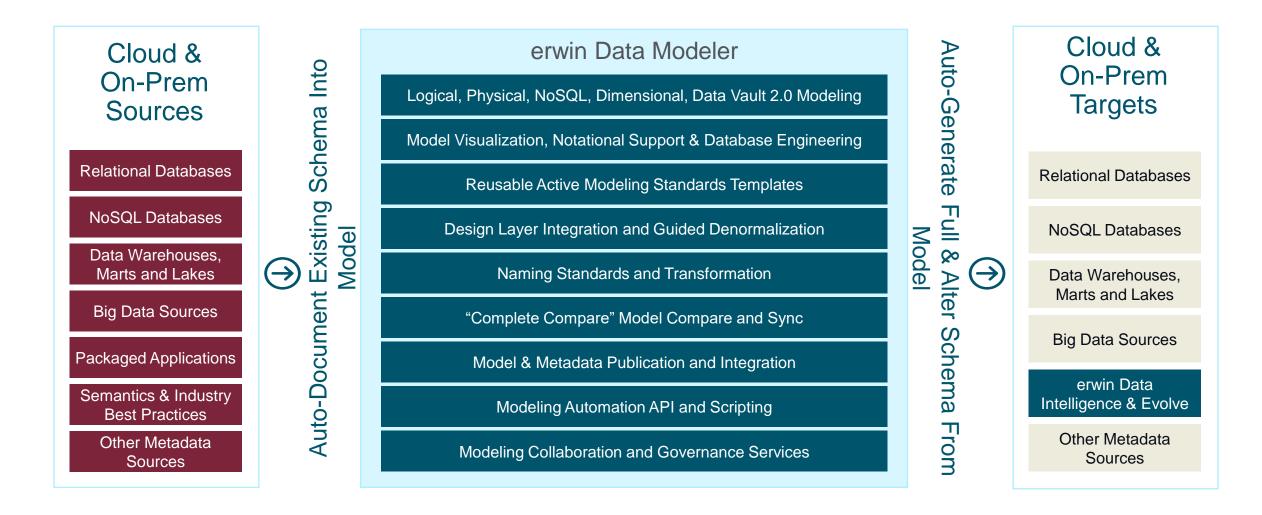
- Overview of features and capabilities
- Native support for 33 data structures
- Benefits of seamless integration and analysis



Topics for Discussion:

- Configuration of Erwin DM Reverse Engineering
- Effective sharing among modelers
- Utilization of Reverse Engineering Options
- Inferring keys and relationships within the data
- Model Details and Layout
- Best practices for model organization
- Generating a PDF Report
- Steps to create comprehensive documentation

Single Tool for Data Modeling & Design Quest



Broad DBMS Support and 3rd Party Integrationst



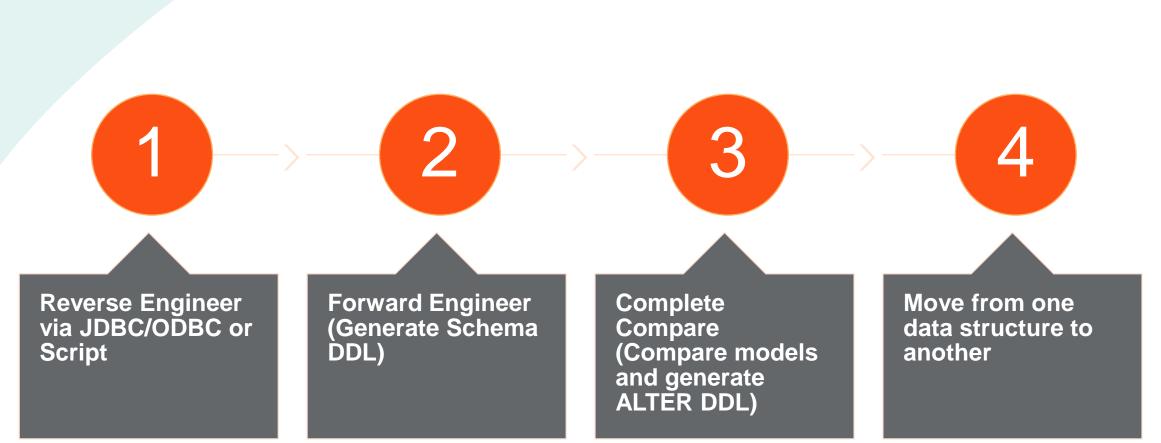
erwin DM Native Support

Database Name	Туре	Version	Notes
<u>AlloyDB</u>	Relational	1.1	
<u>ArangoDB</u>	NoSQL	3.x	
Avro	Big Data	1.x	
Amazon Keyspaces	NoSQL		
Azure Synapse	Big Data		
<u>Cassandra</u>	NoSQL	3.x/4.x	
Couchbase	NoSQL	6.x	
		7.x	
<u>Databricks</u>	Big Data		
<u>Db2 for i</u>	Relational	5.x/6.x/7.x	
		9.5	
Db2 LUW	Relational	9.7/10.x	
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Db2 z/OS	Relational	9.1/10/11	
		12	
<u>DynamoDB</u>	NoSQL		
Google BigQuery	Big Data		
Hive	Big Data	2.1.x	<u>Refer to</u> the Limitations in Hive topic.
<u>Informix</u>	Relational	10.x/11.x/12.x	
JSON	Big Data	1.x	
MariaDB	Relational	10.4.x	
<u>MongoDB</u>	NoSQL	4.x	
MySQL	Relational	8.x	MySQL 8.0.23 is certified for Amazon Aurora.
Neo4j	NoSQL	4.2.x	
		4.3.x	

Database Name	Туре	Version	Notes
Netezza	Relational	7.2	
<u>ODBC</u>	Relational	2.x 3.x	
<u>Oracle</u>	Relational	12c r2 18c 19c 21c	
Parquet	Big Data	2.x	
Progress	Relational	9.x/10.x/11.x	The erwin Data Modeler 64- bit version is not verified for the Progress 9.x/10.x database.
PostgreSQL_	Relational	12.x-16.x	PostgreSQL 9.6.21, 9.6.24, 10.16, 10.20, 11.11, and 11.14 are certified. PostgreSQL 11.8 is certified for Amazon Aurora.
<u>Redshift</u>	Relational	1	
SAP ASE	Relational	15.x/16	
<u>SAP IQ</u>	Relational	15.x/16	
SAS	Relational		
		2012 2014	
SQL Server	Relational	2016/2017	
		2019/2022 Azure	
Snowflake	Relational		
Teradata	Relational	14.1 15.x/16.x	

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What is Native Support in erwin DM?



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Setting up your workspace





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Reverse Engineer to create a Logical/Physical Data Model



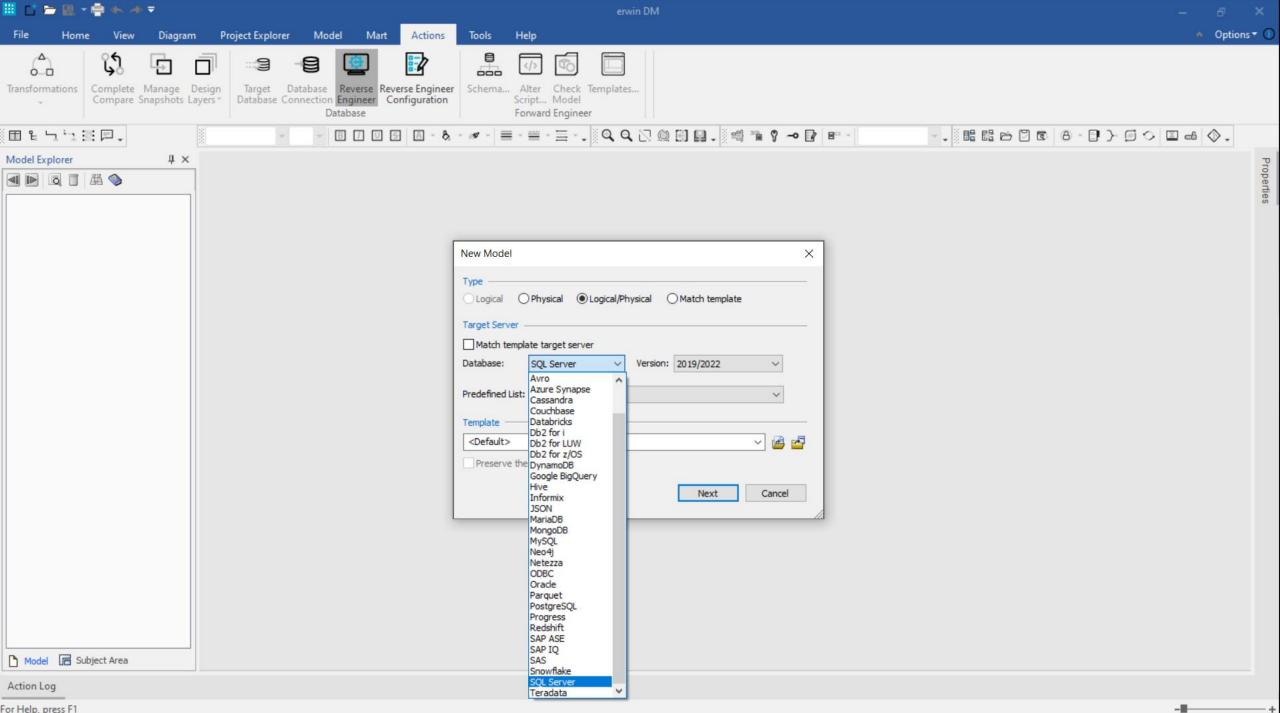


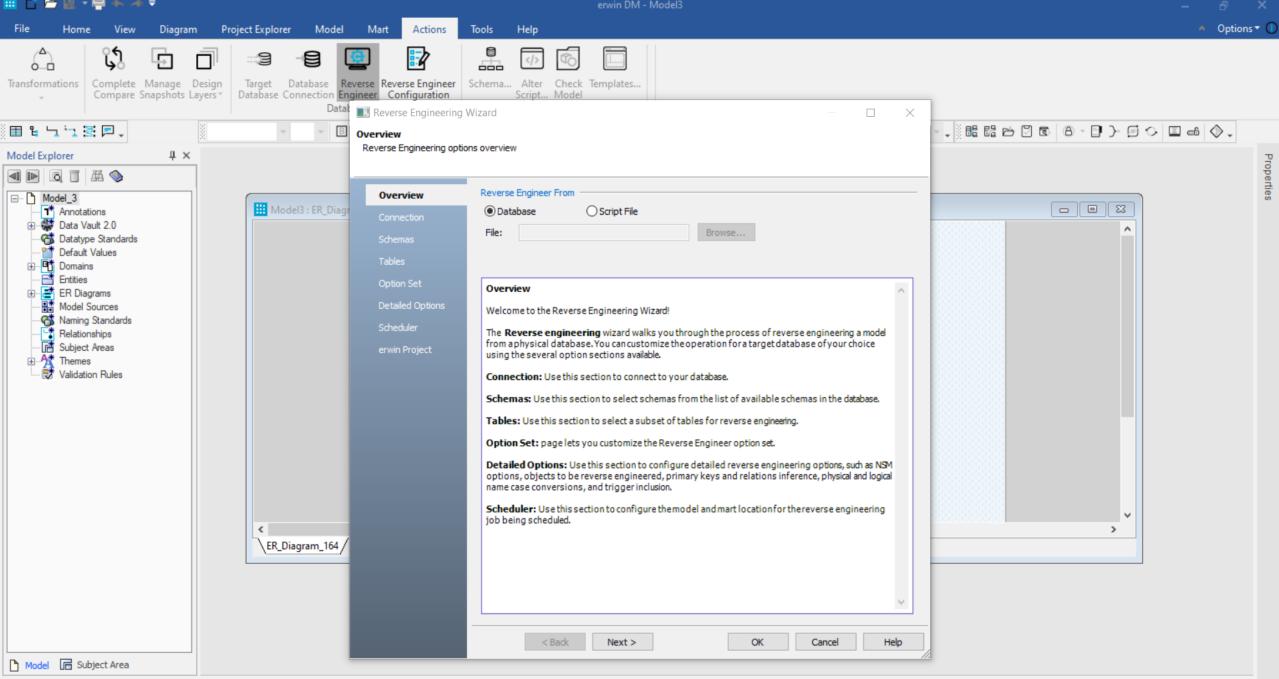


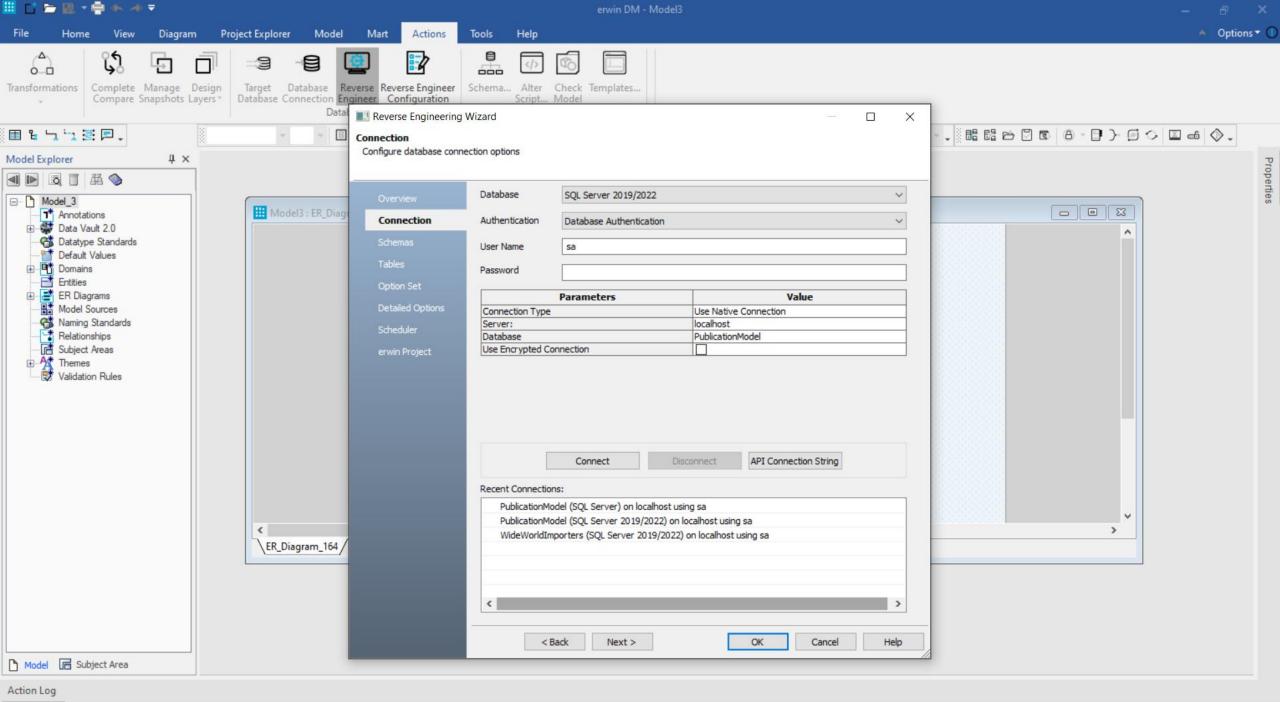
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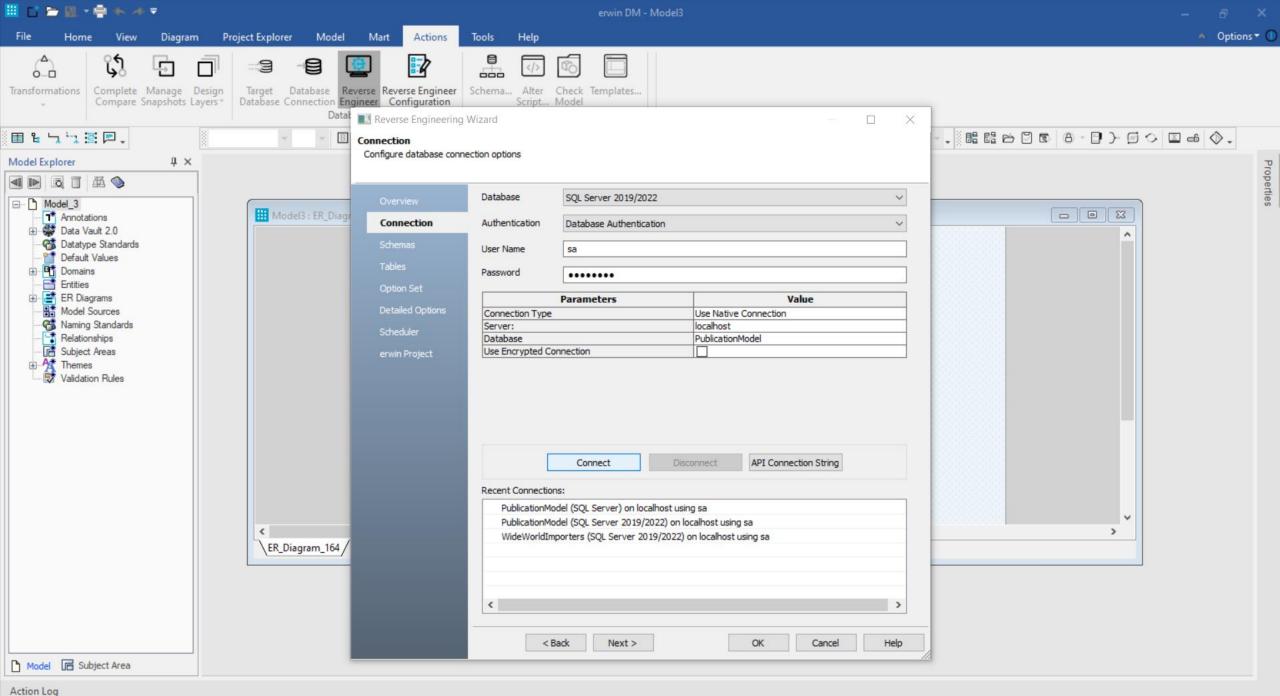
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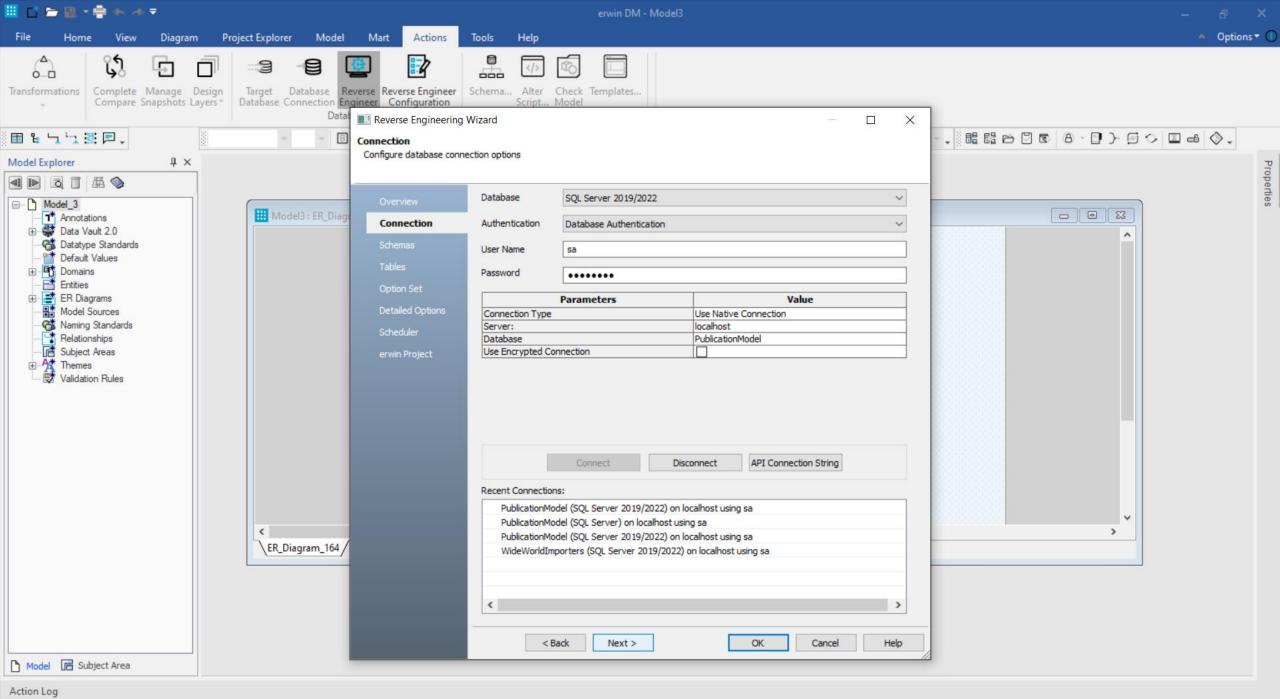


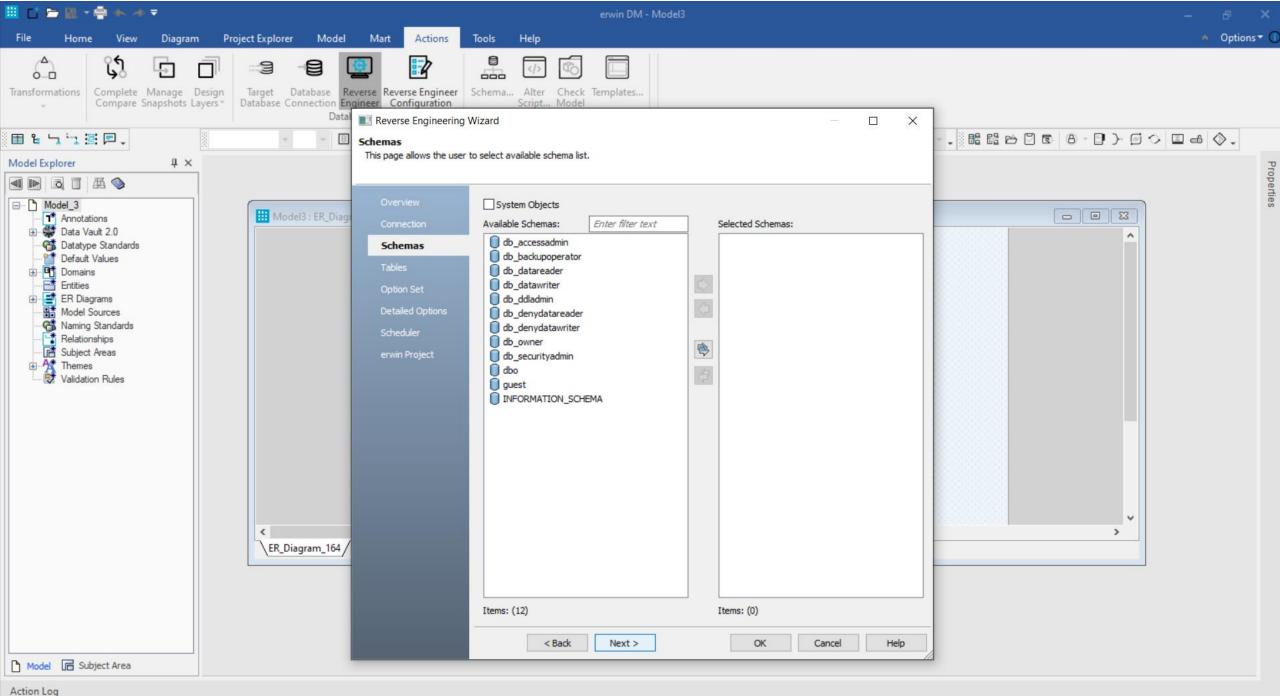




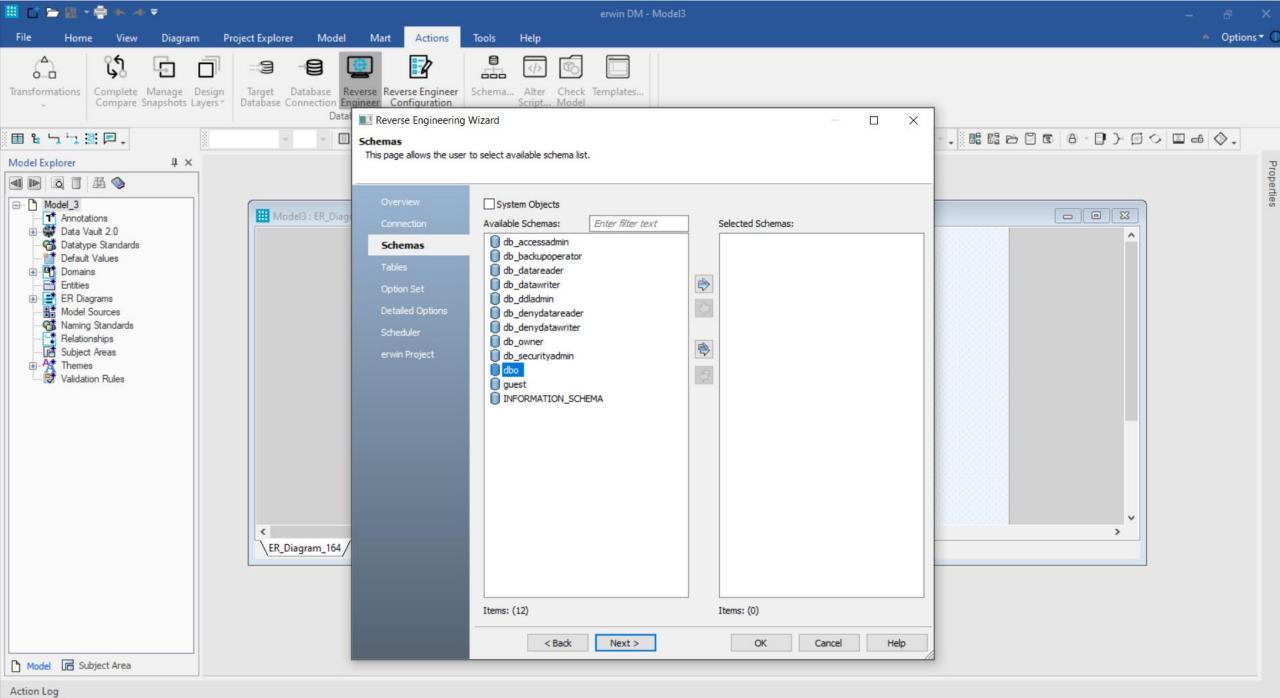


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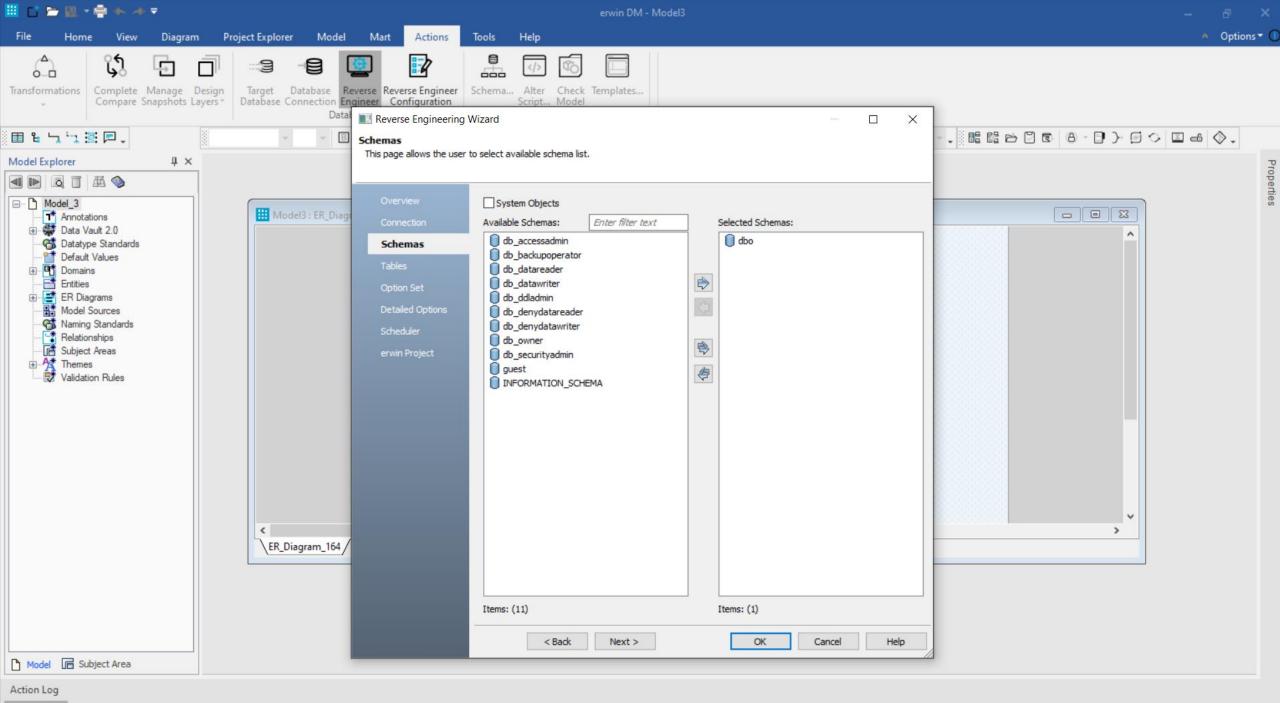


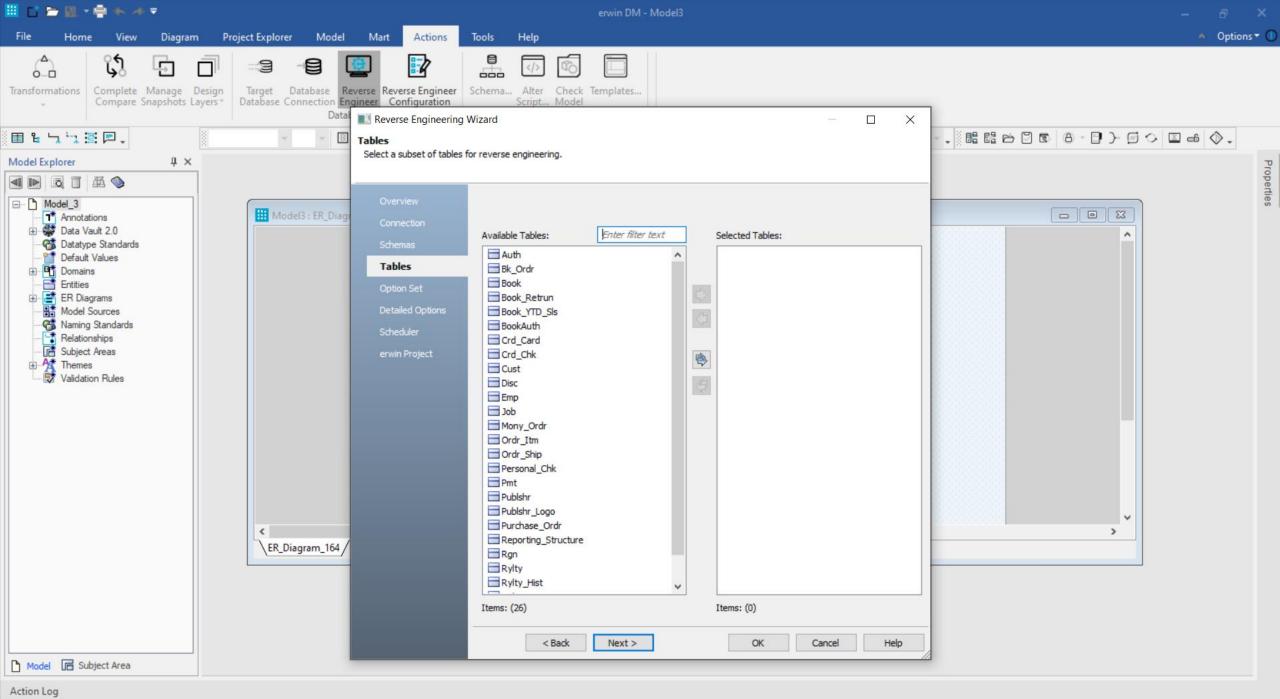


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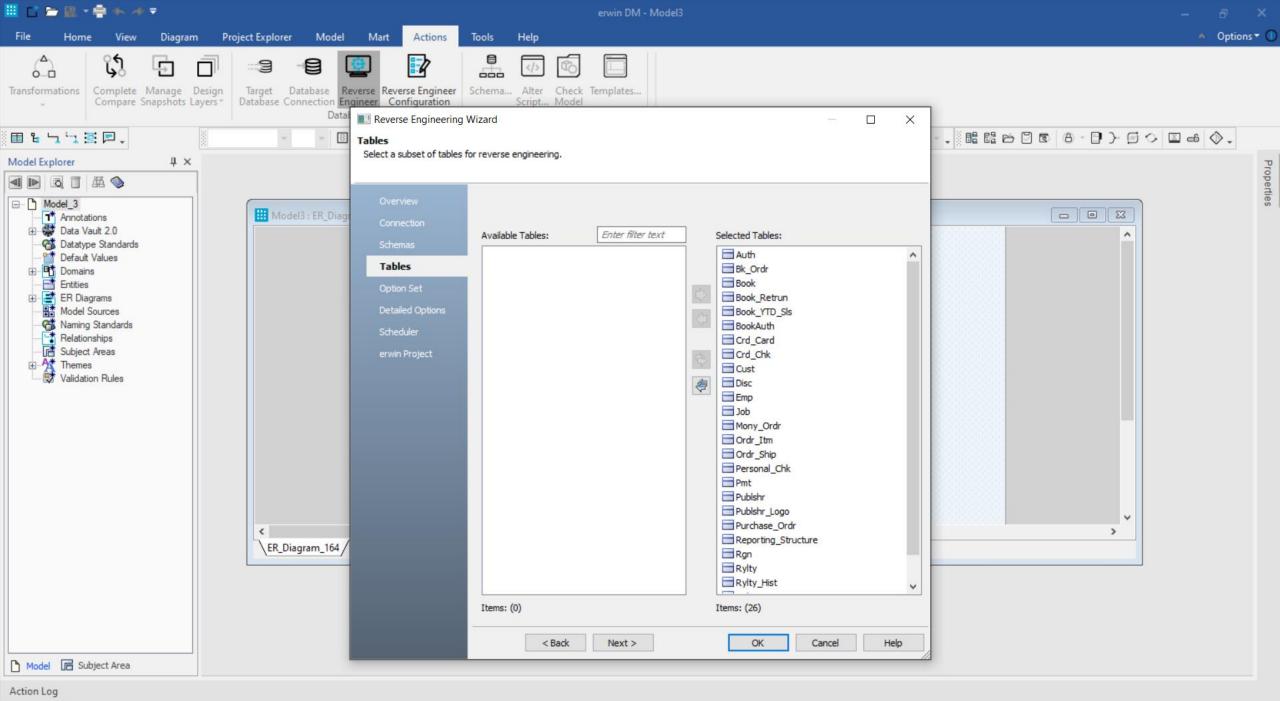
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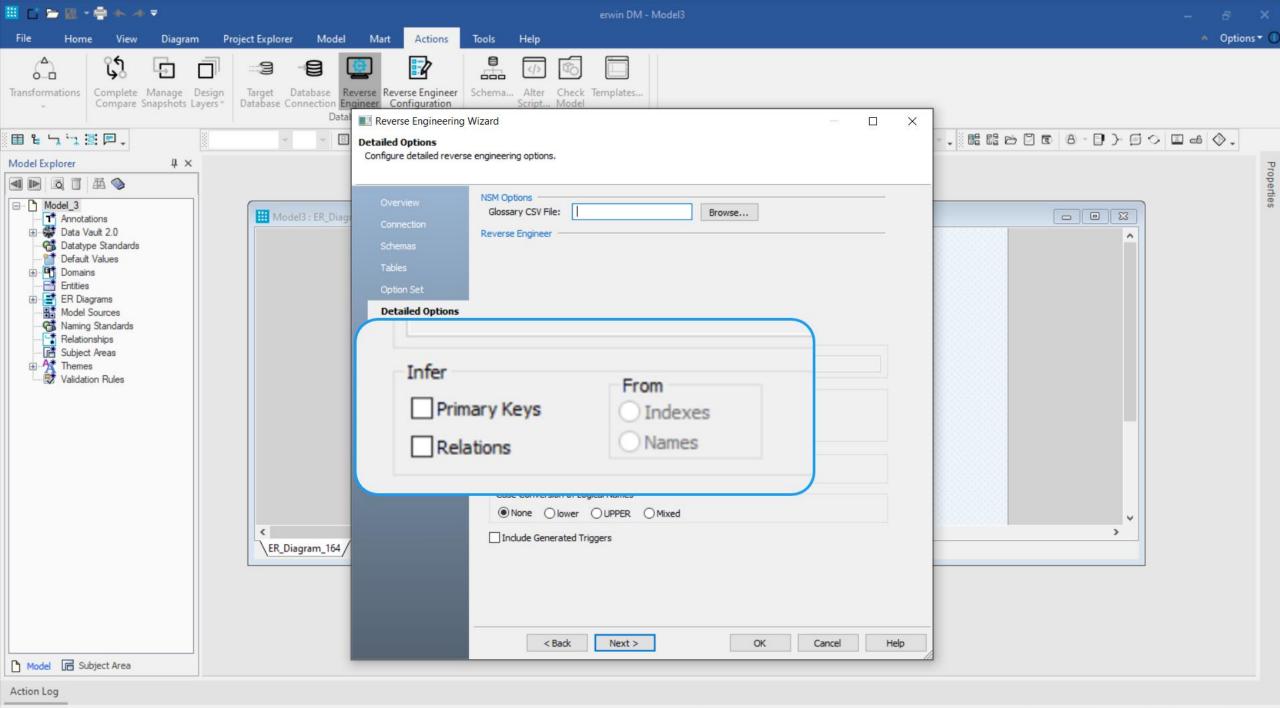


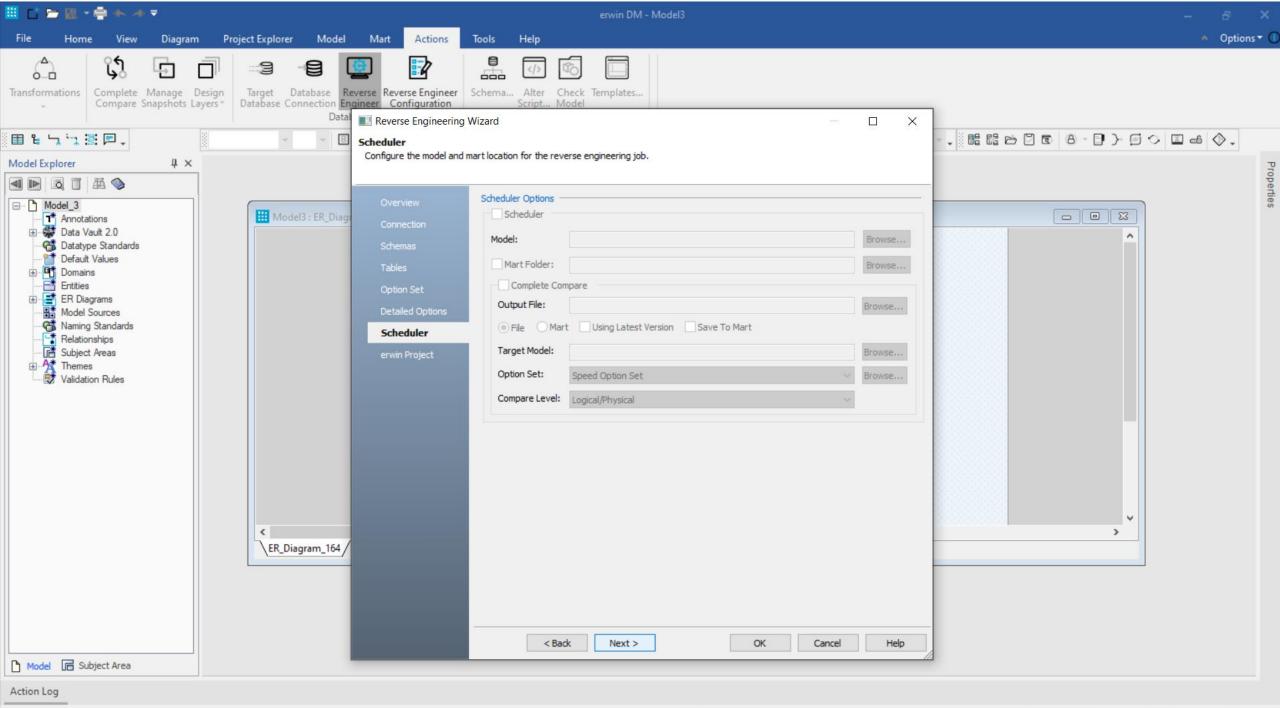
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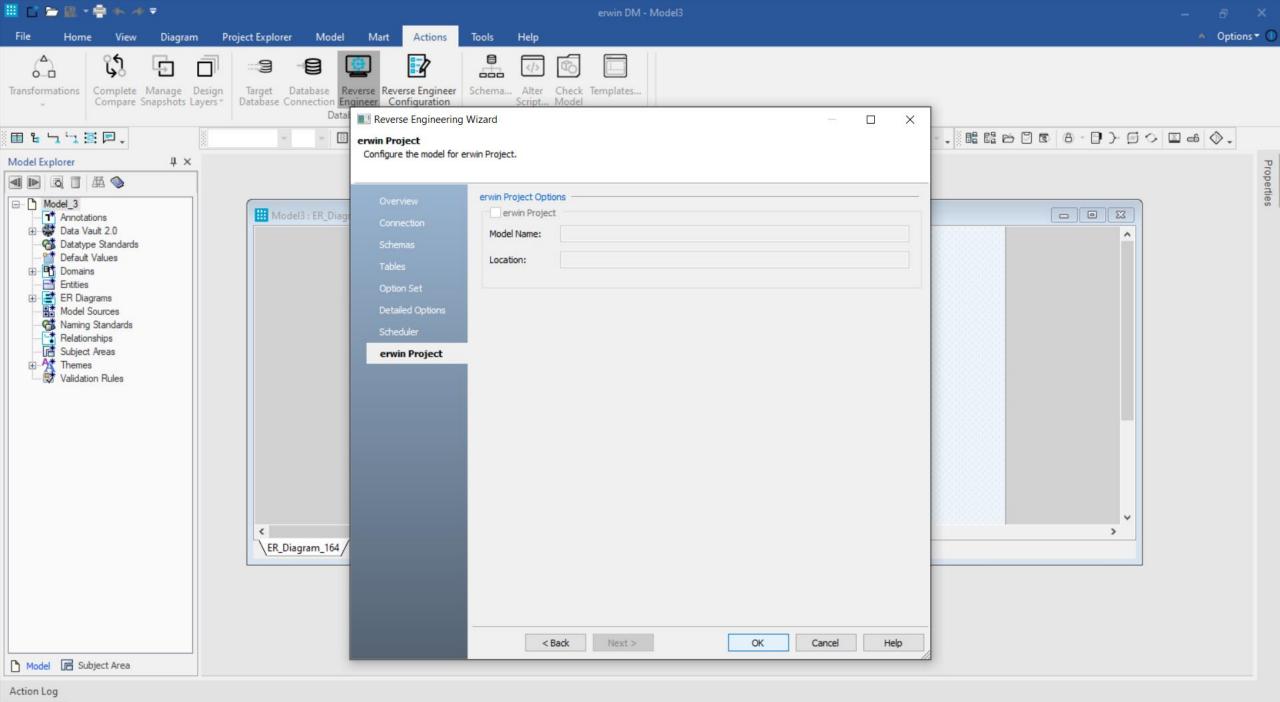
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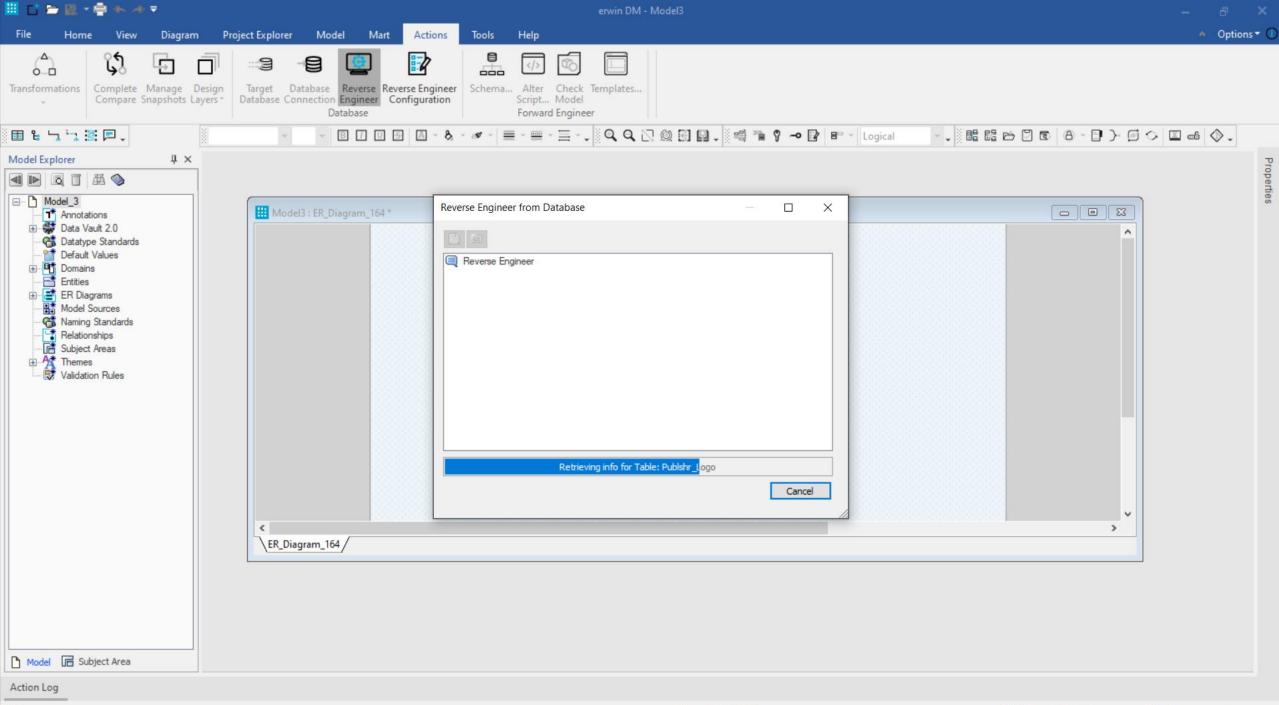


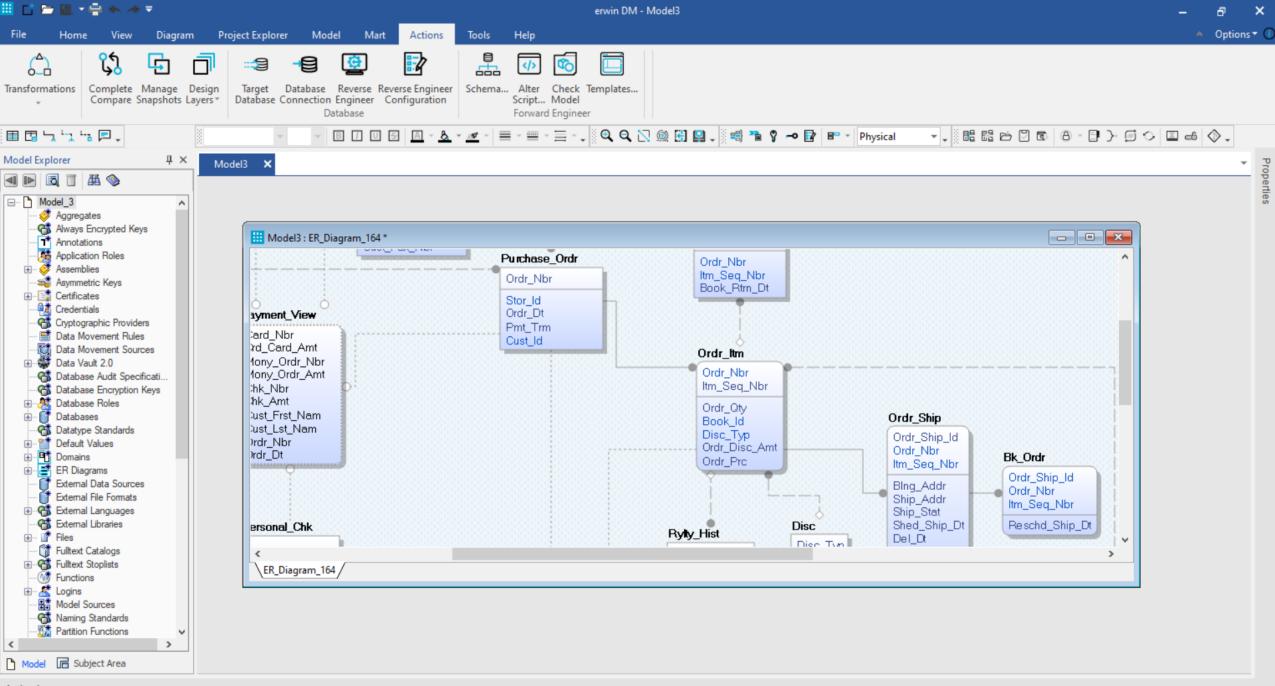




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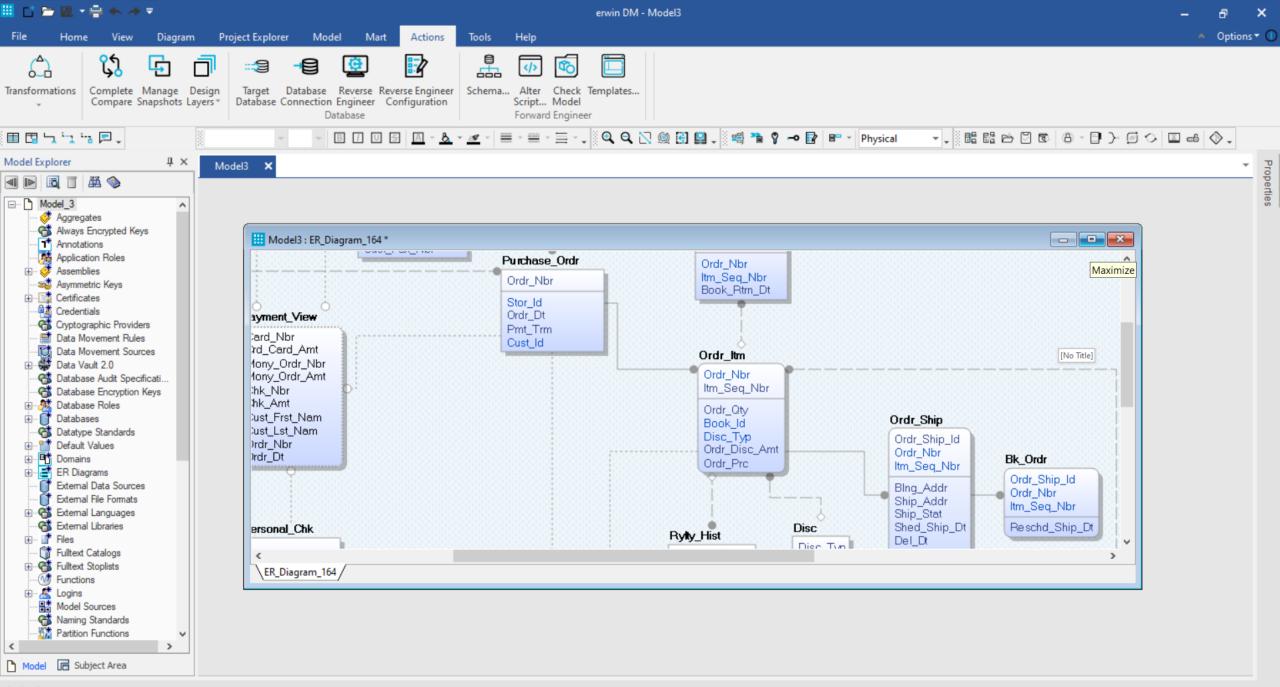
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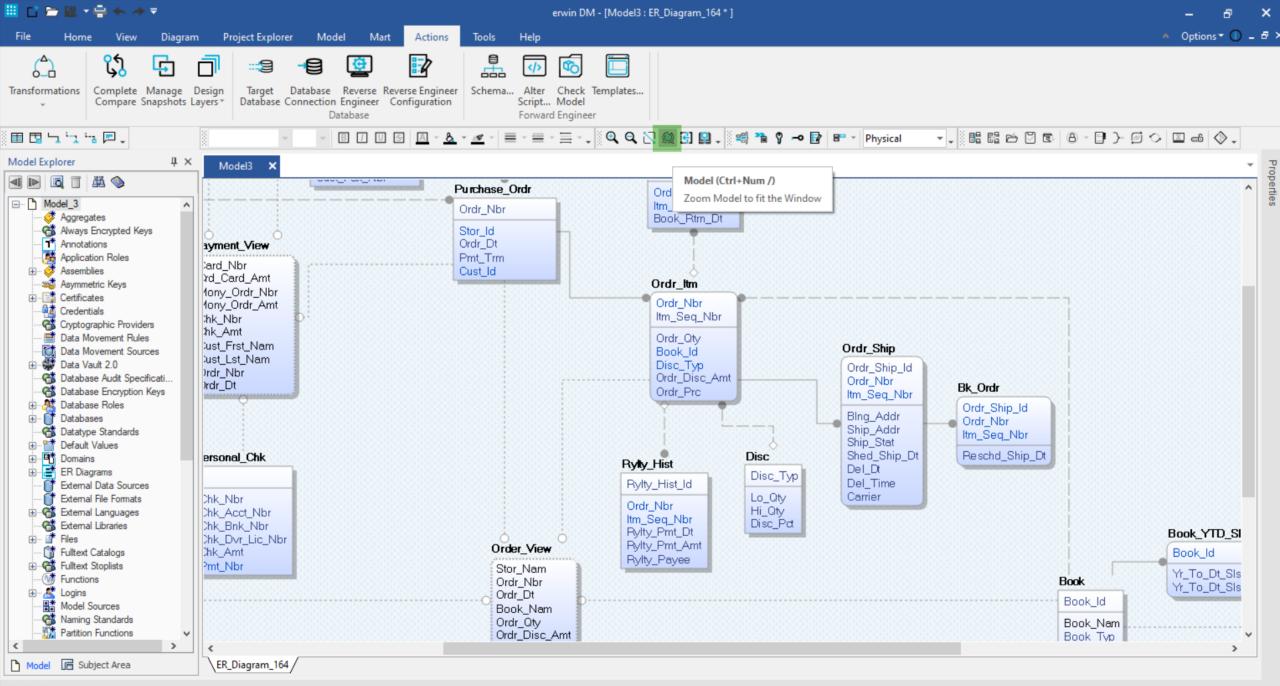




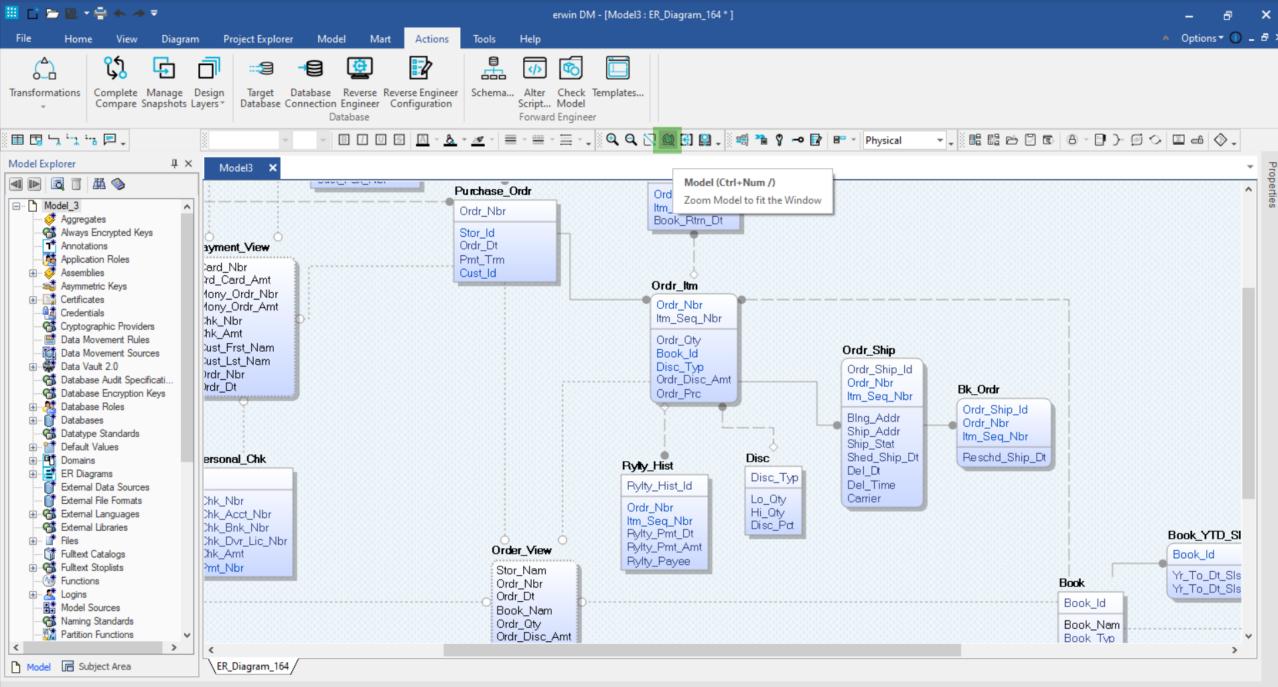




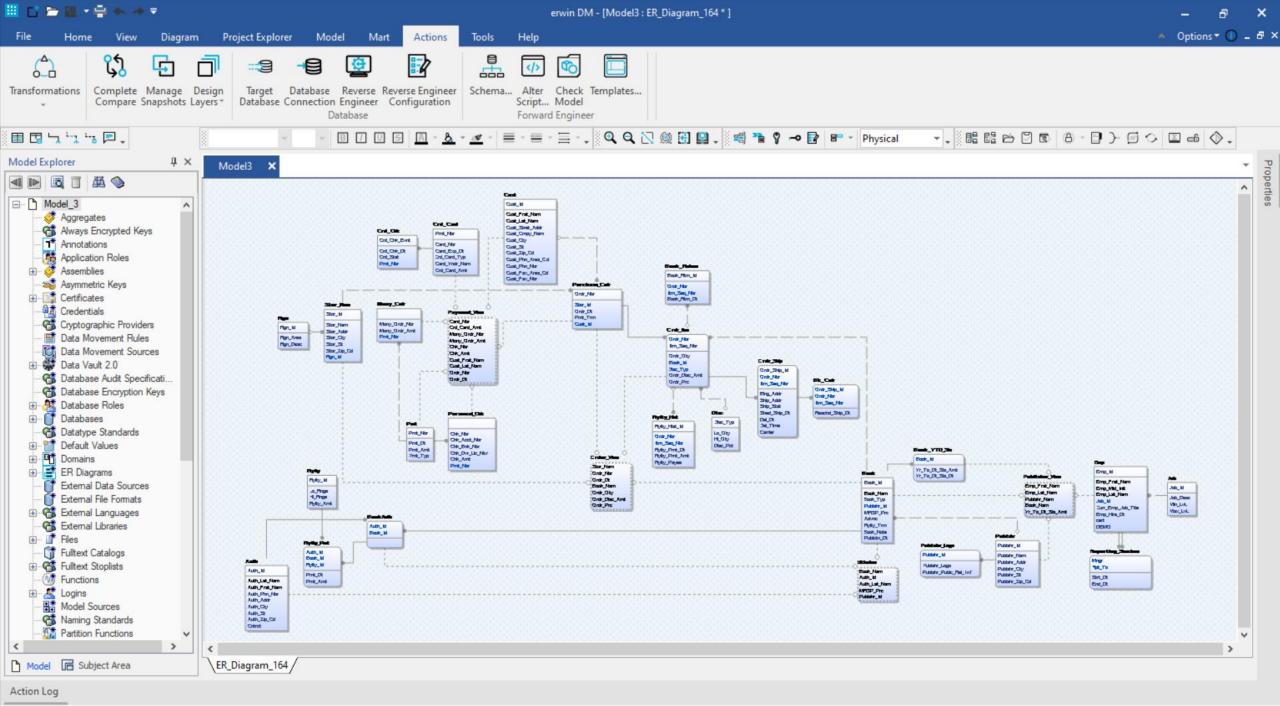
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Zoom Model to fit the Window



Zoom Model to fit the Window



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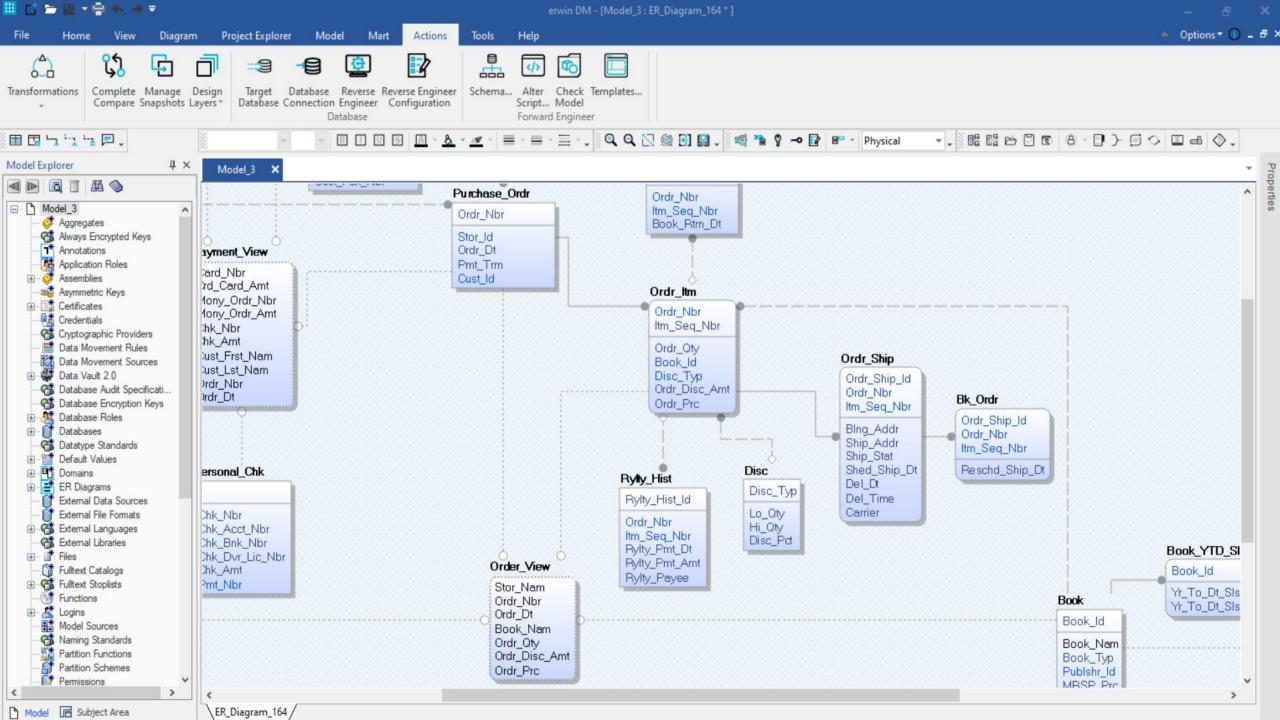
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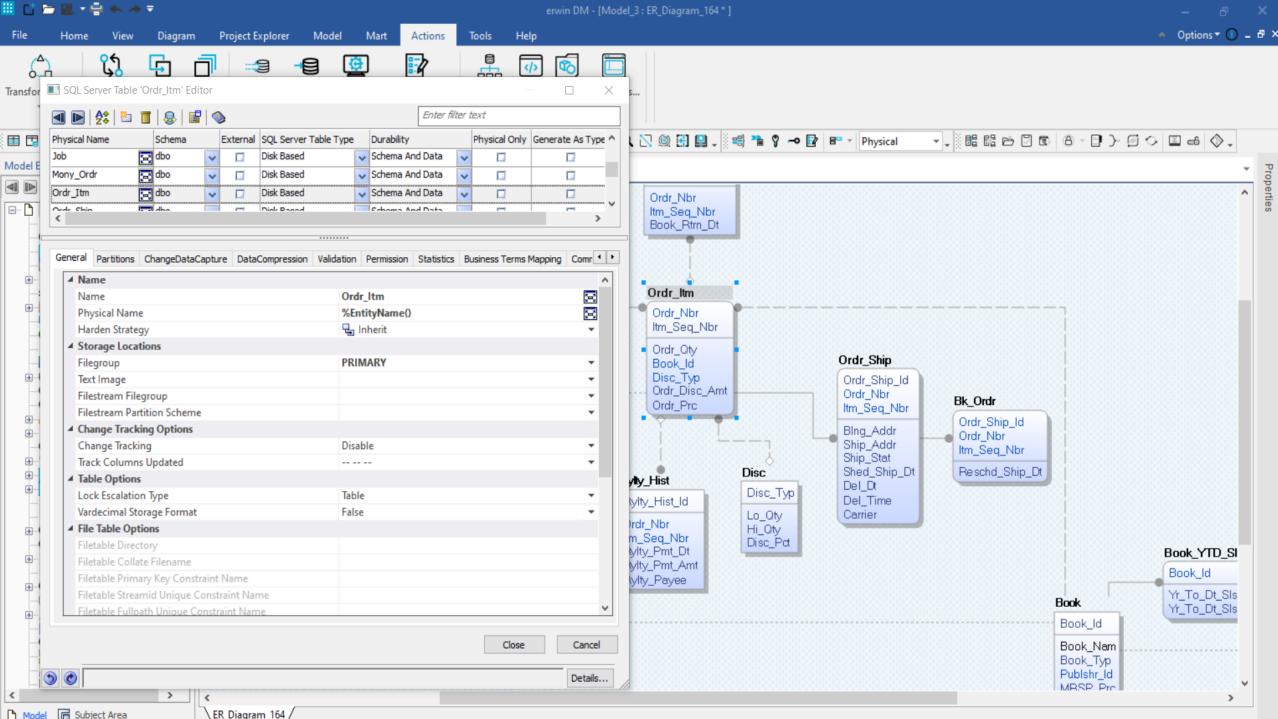


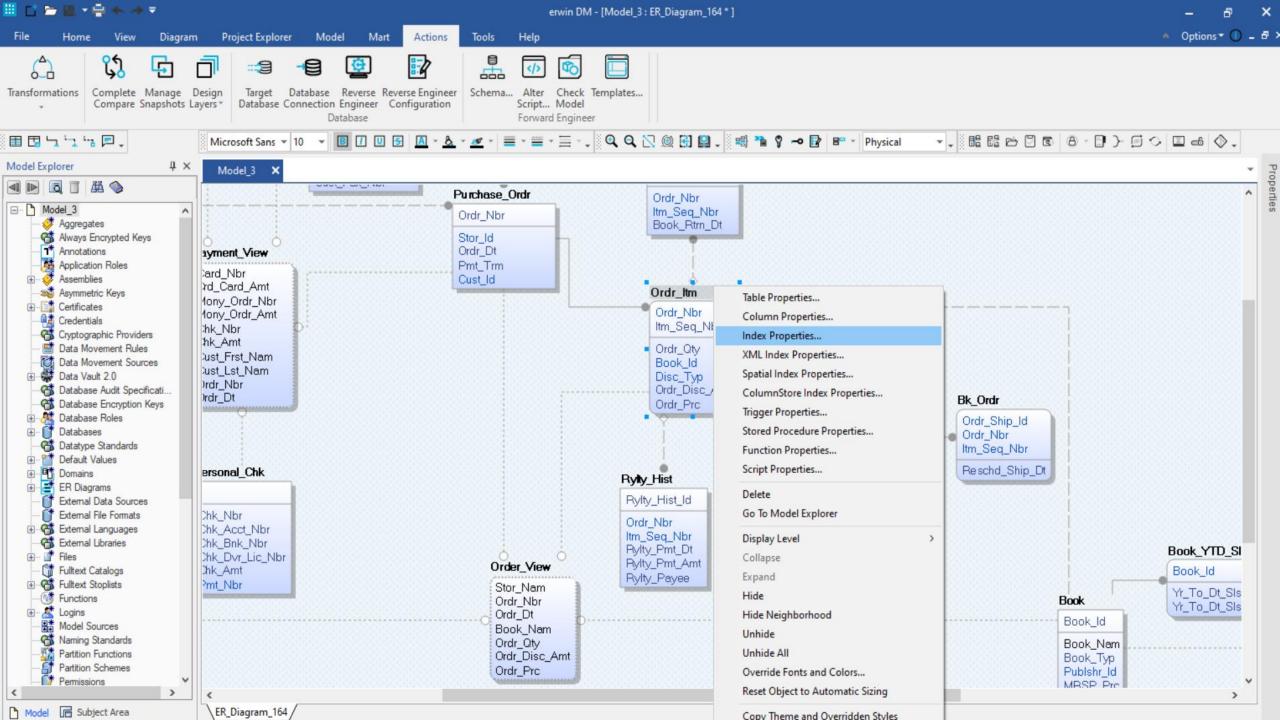


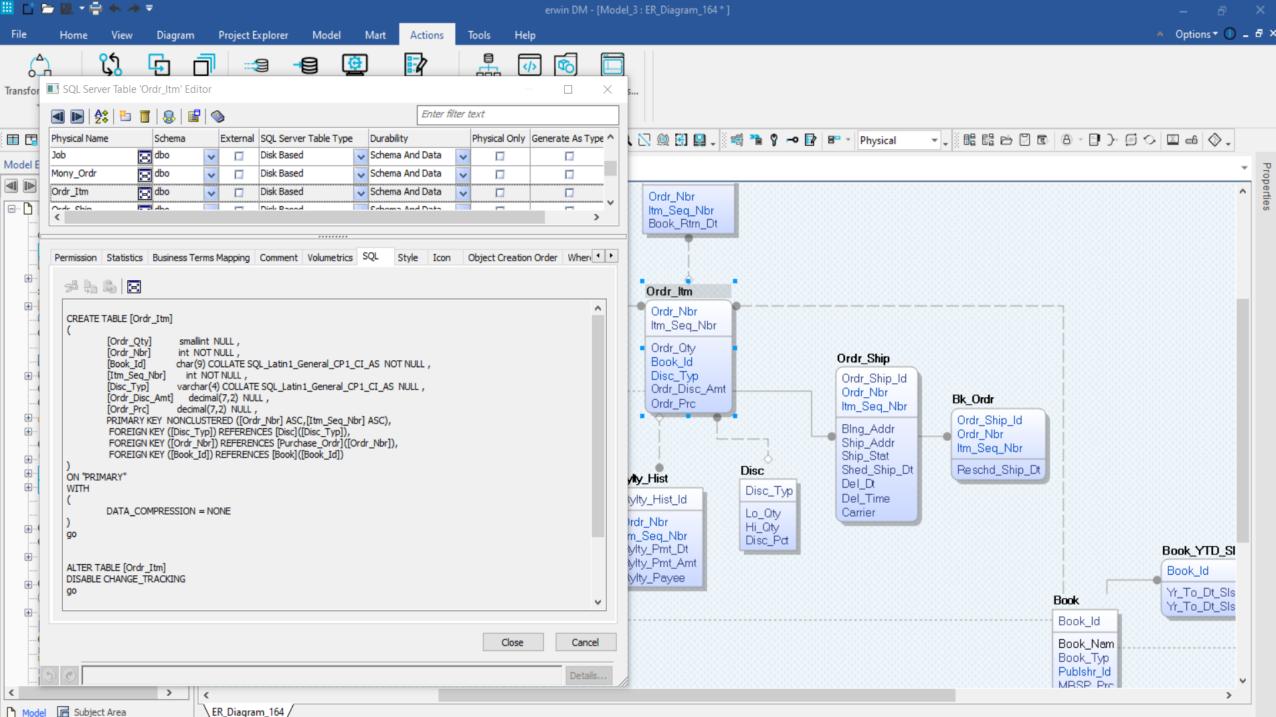
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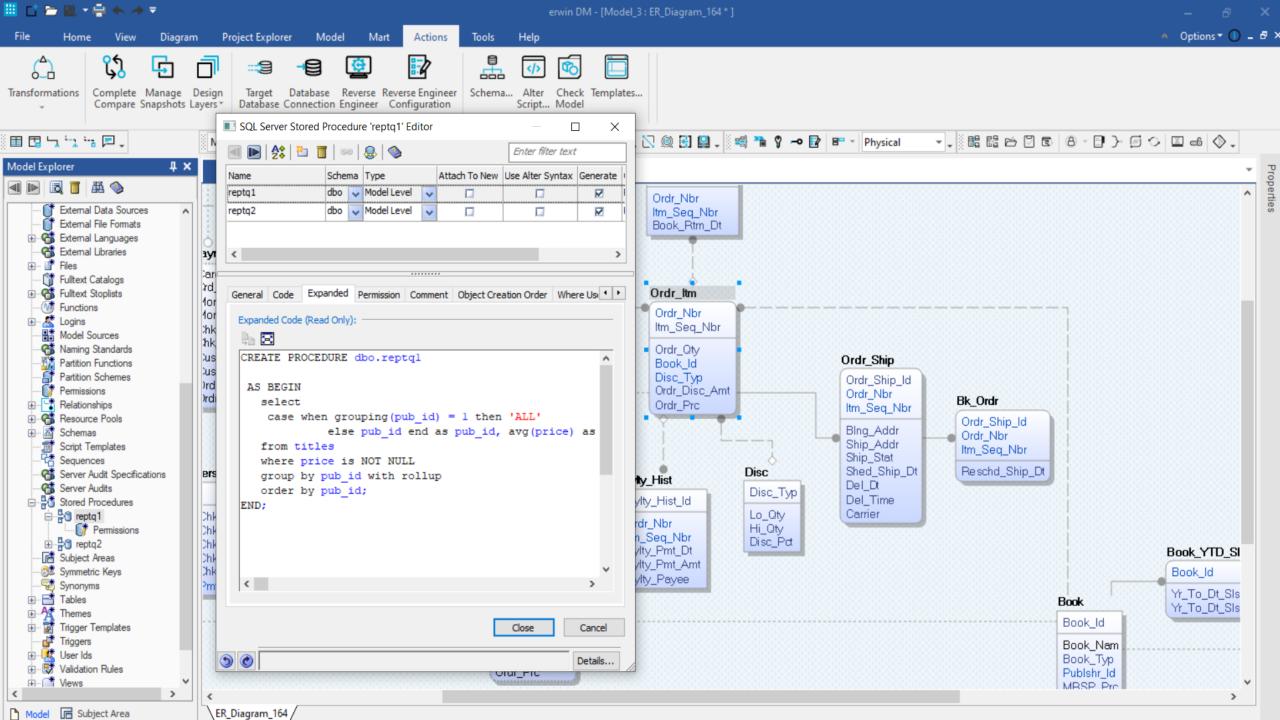


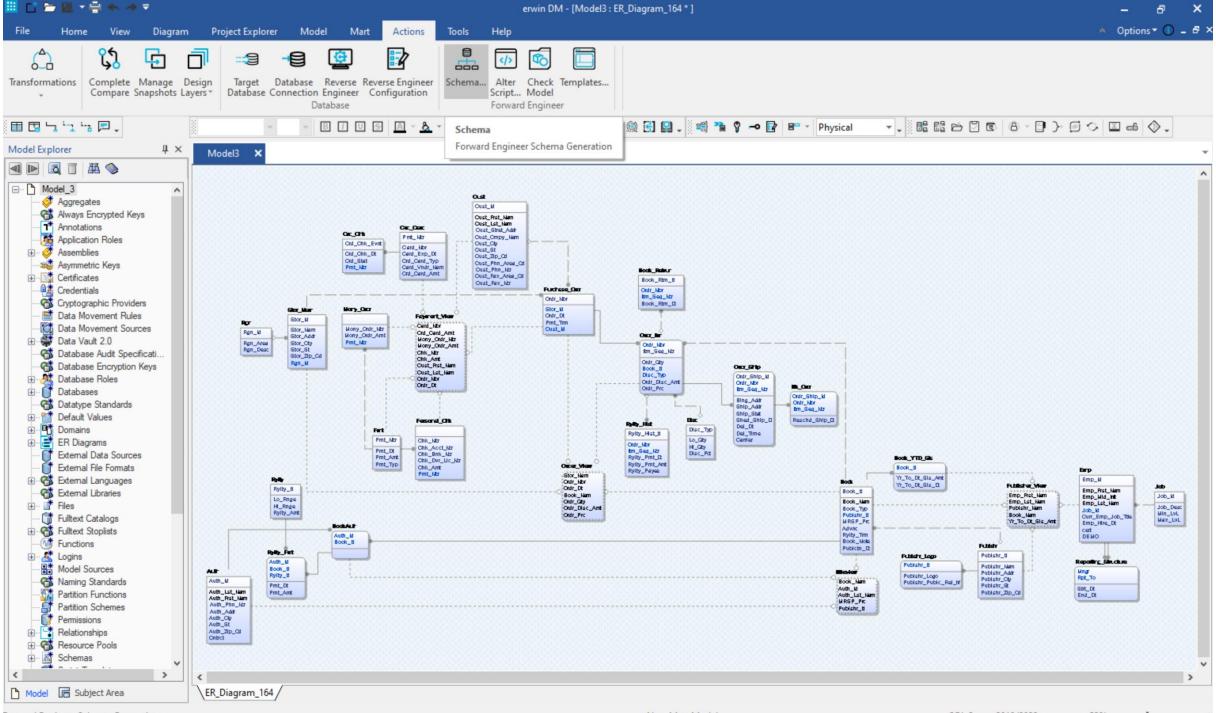


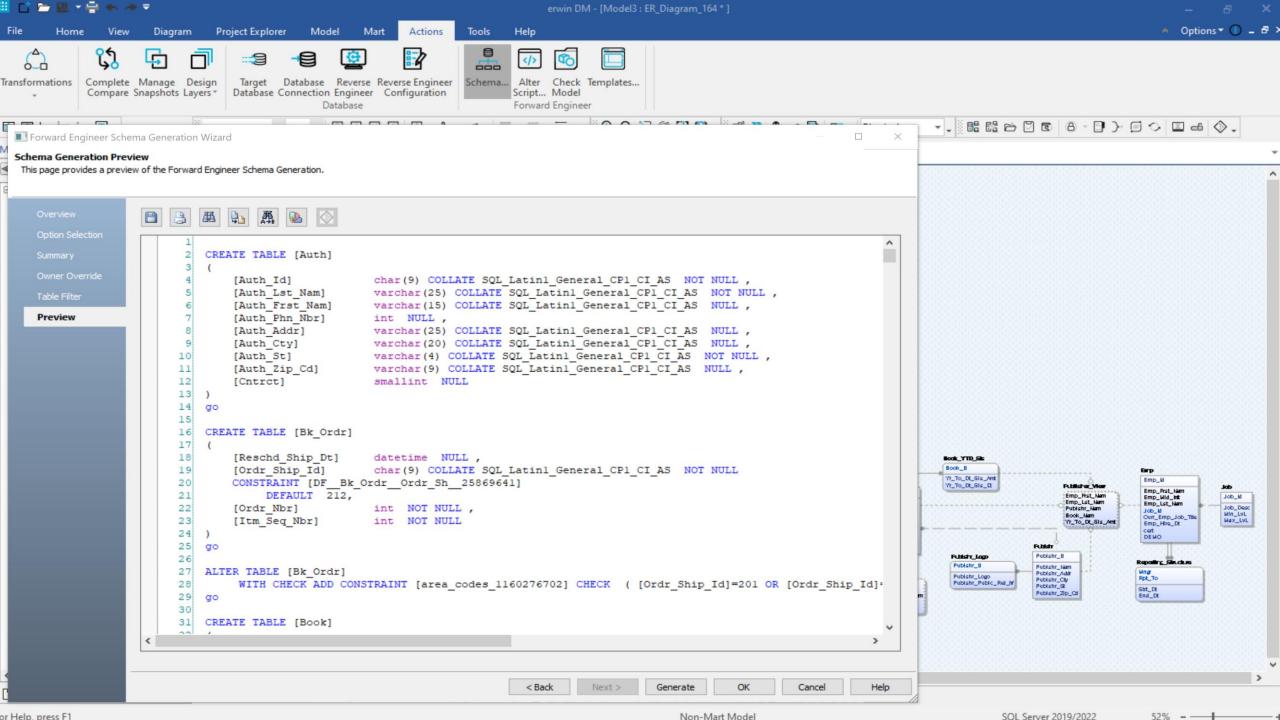




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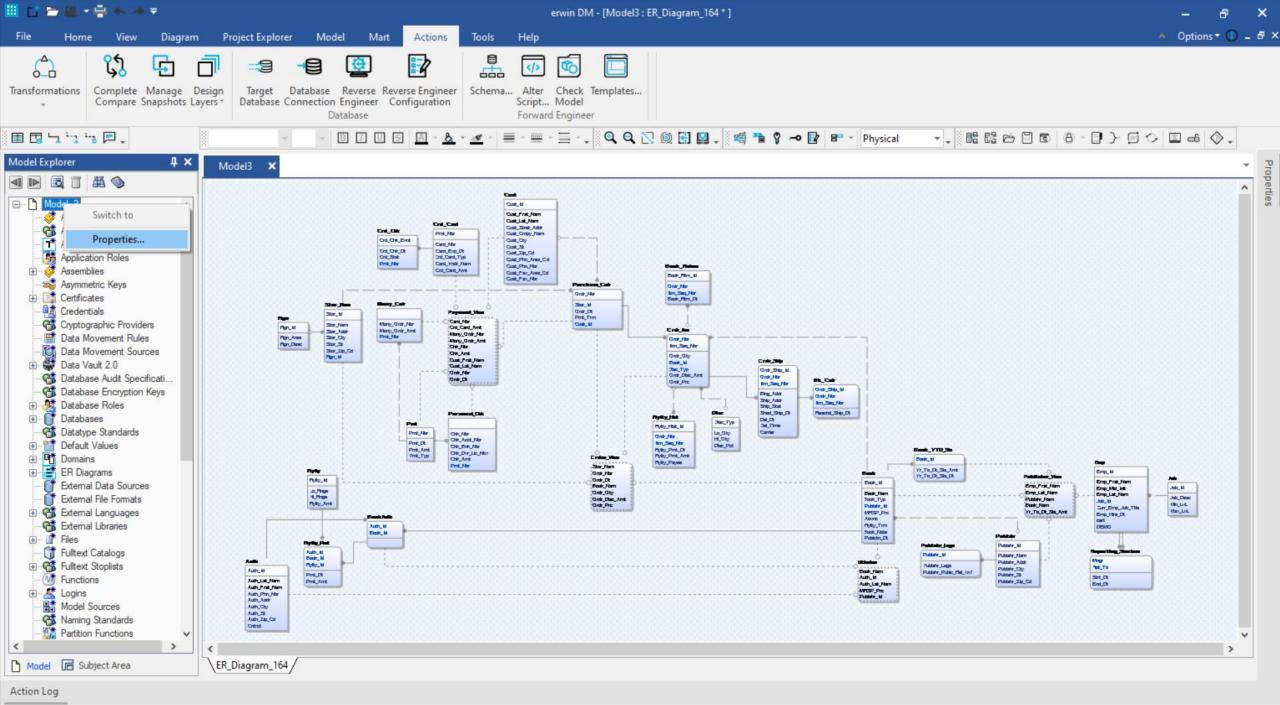




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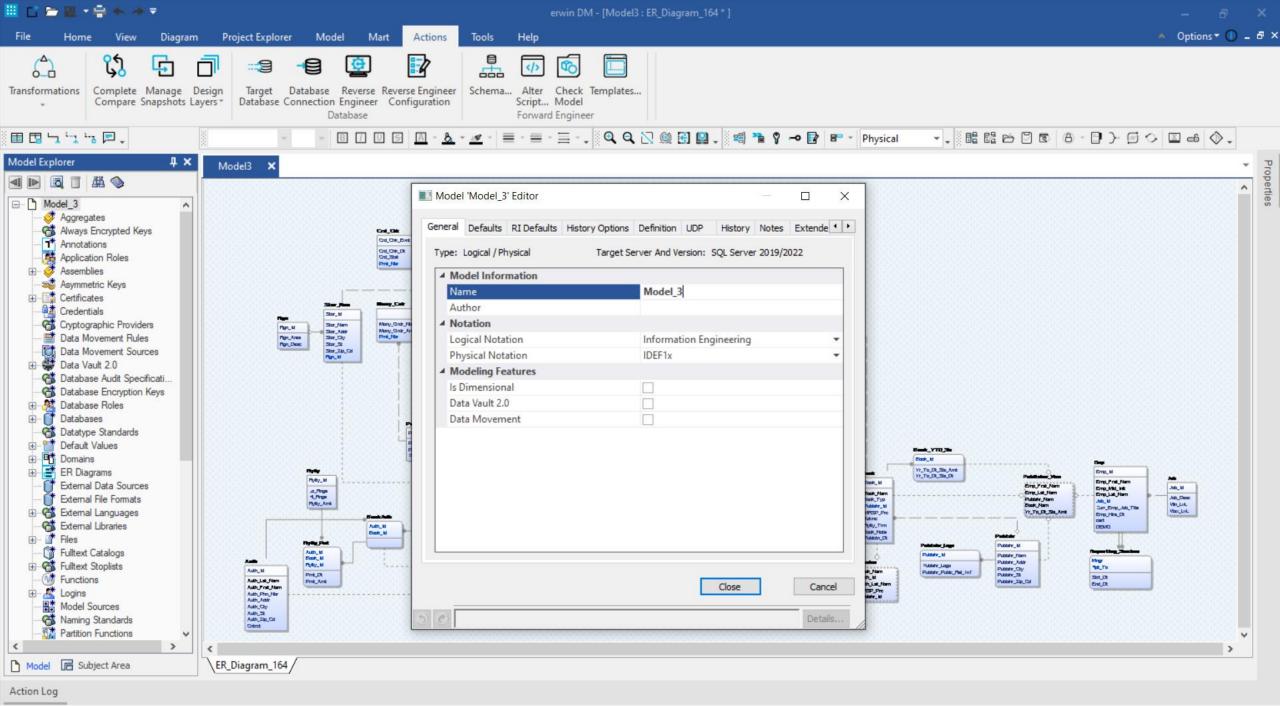




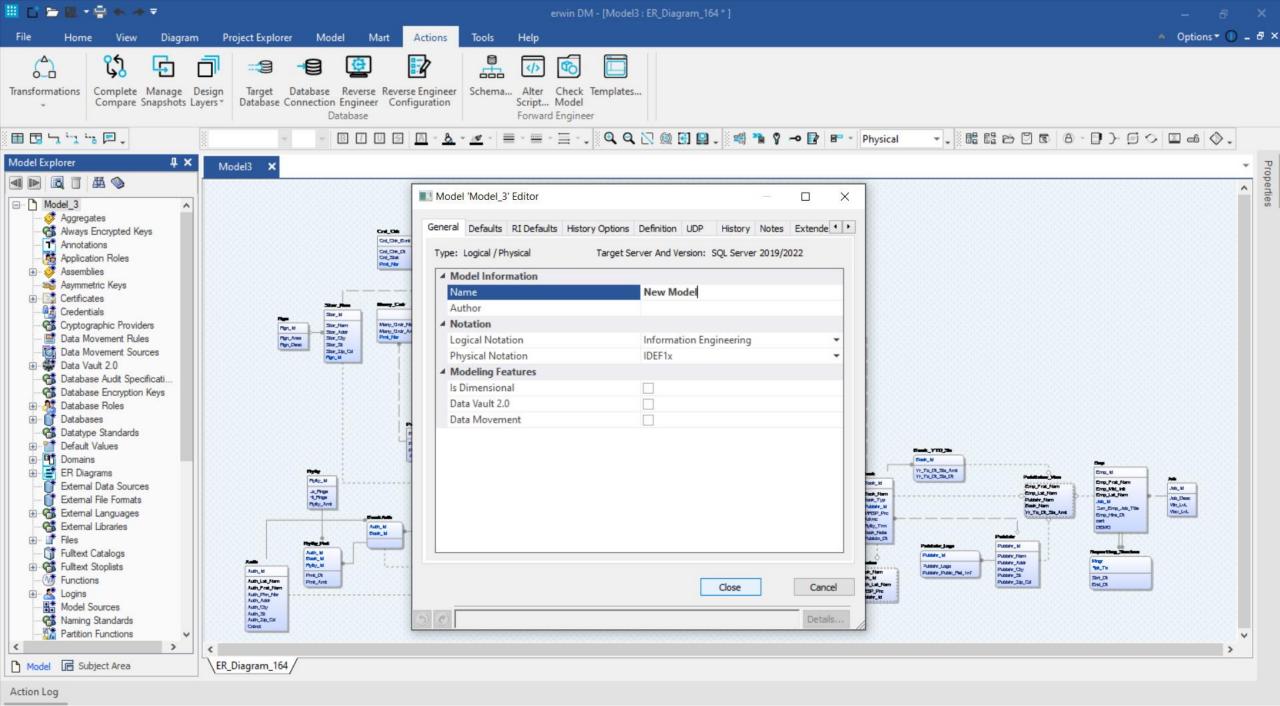


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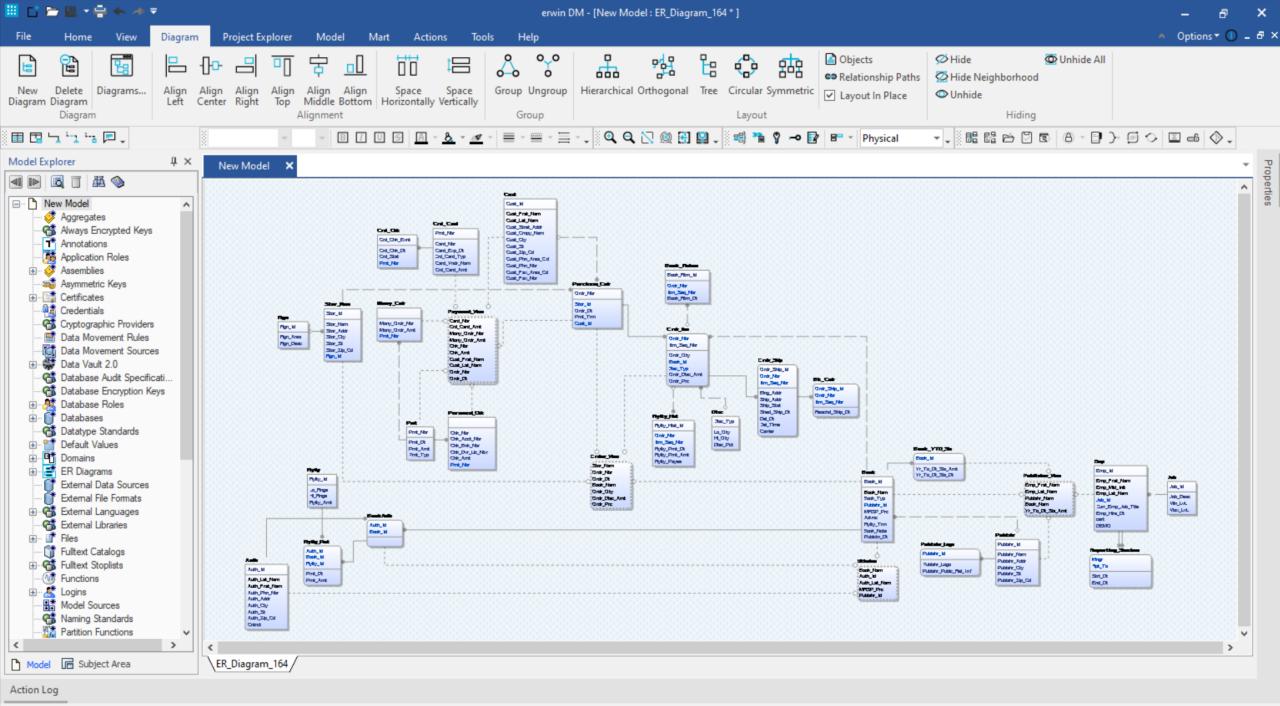
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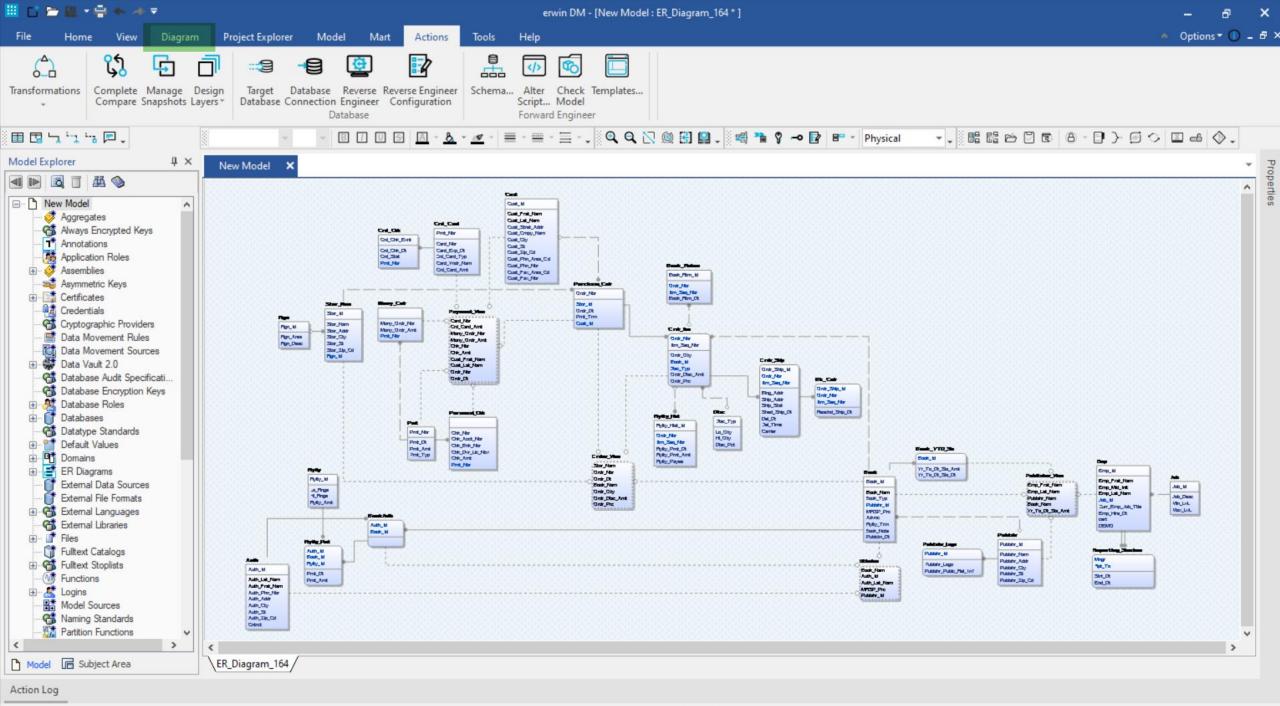


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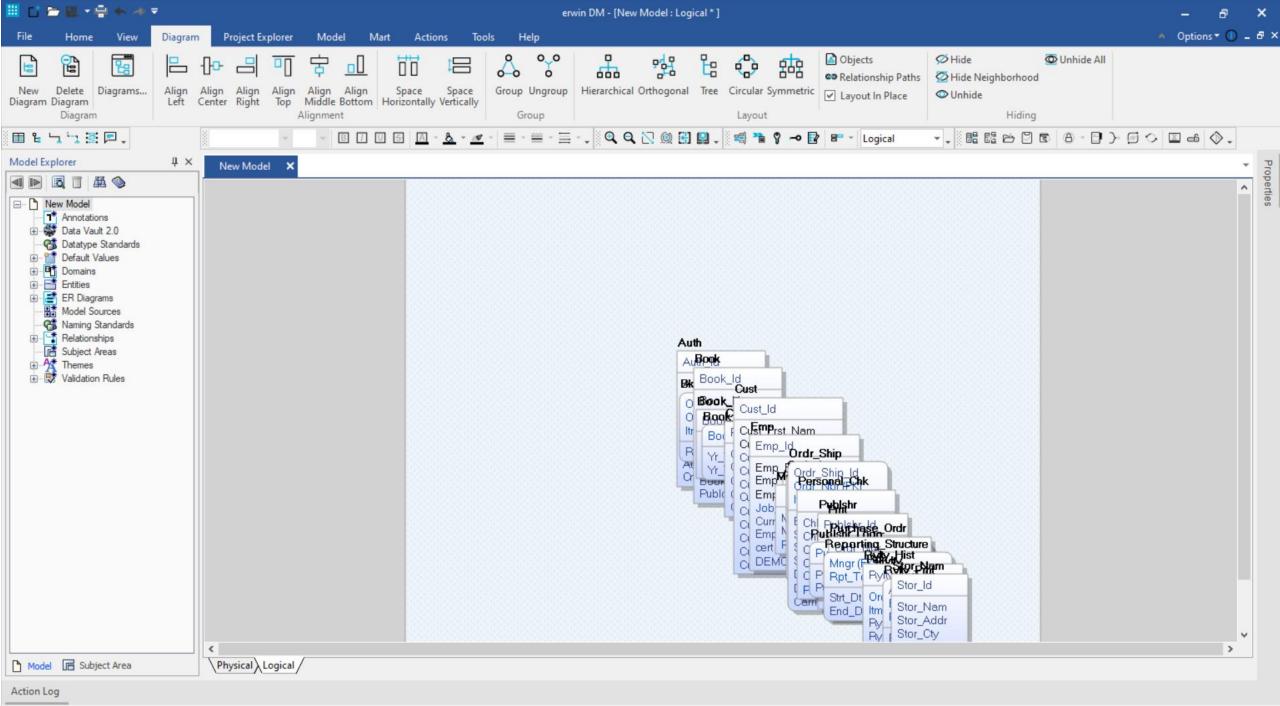
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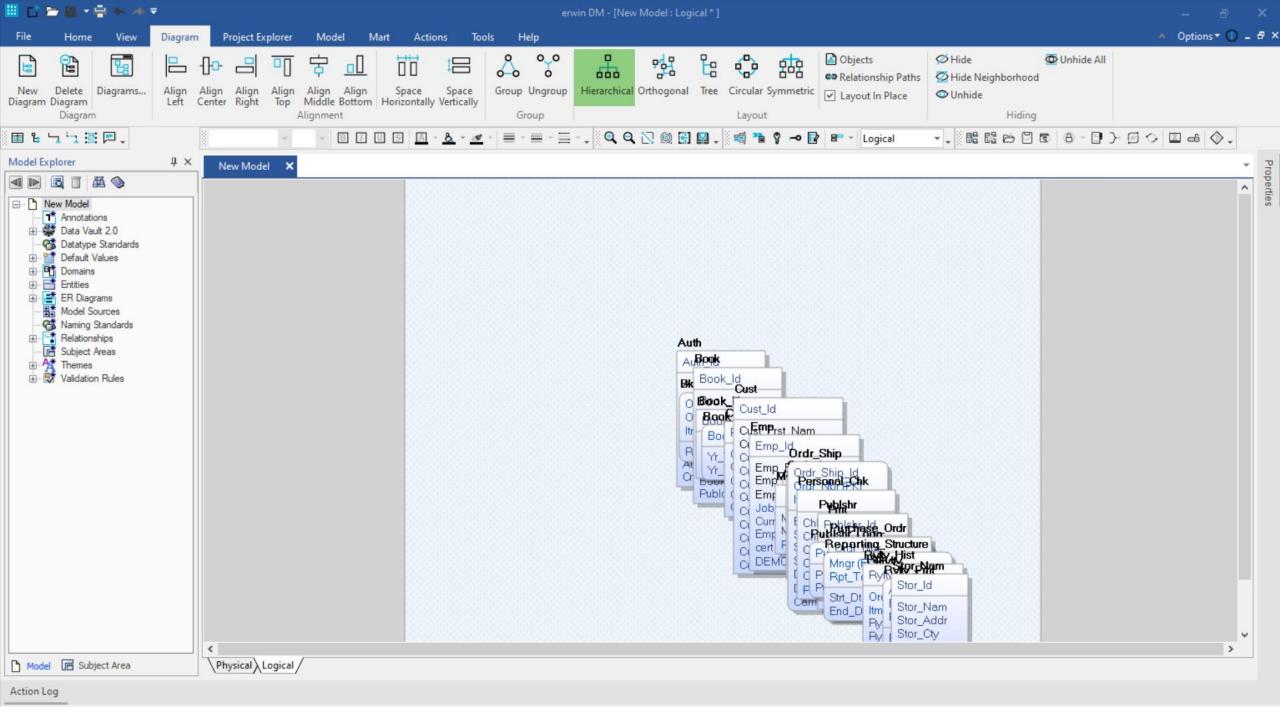
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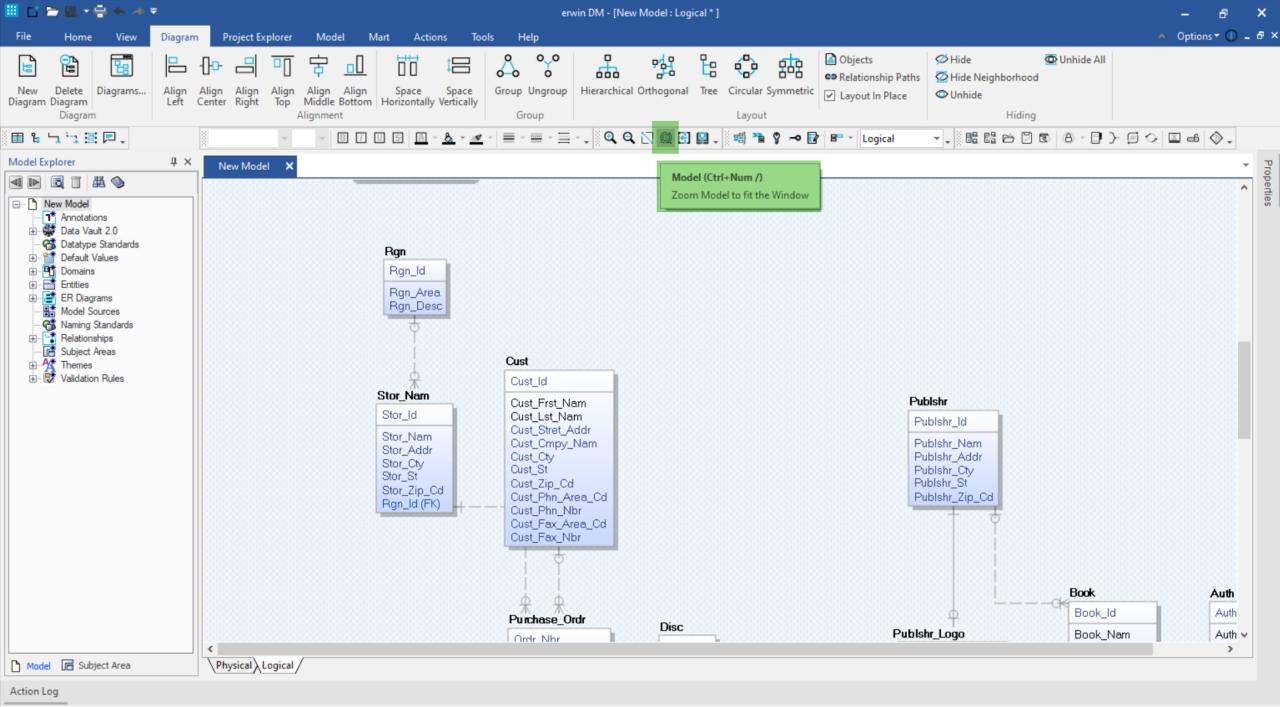
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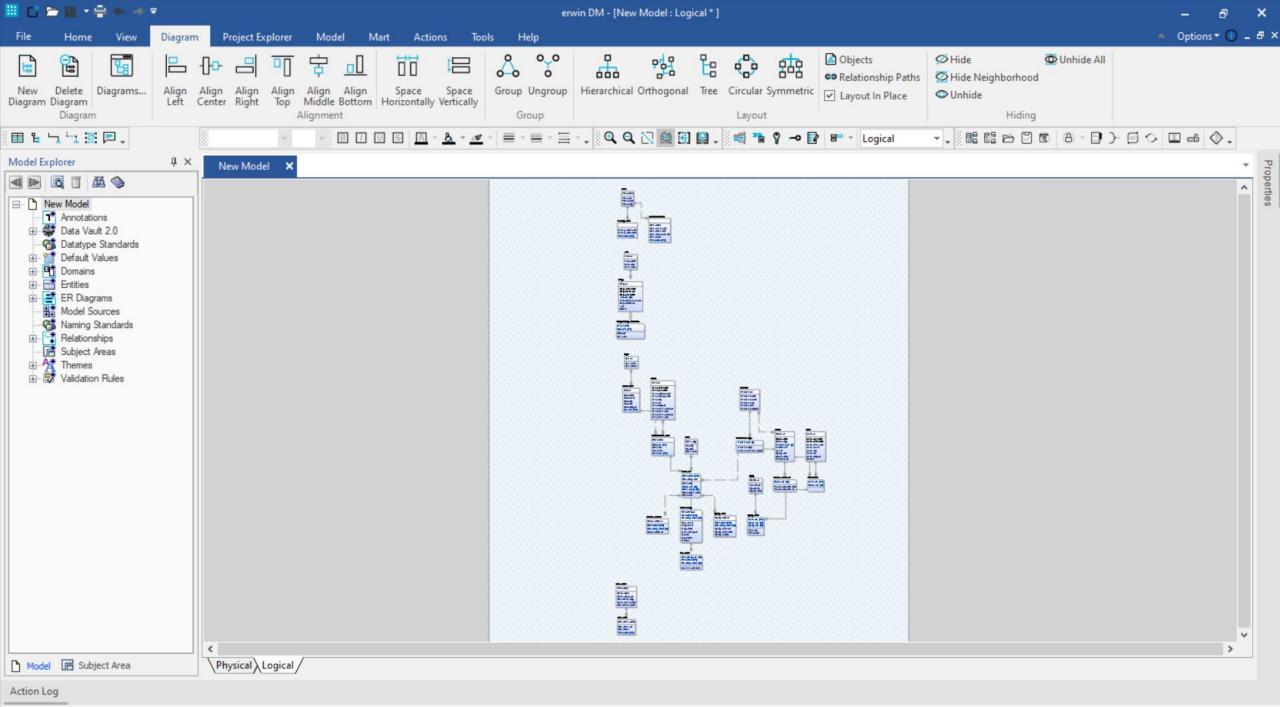
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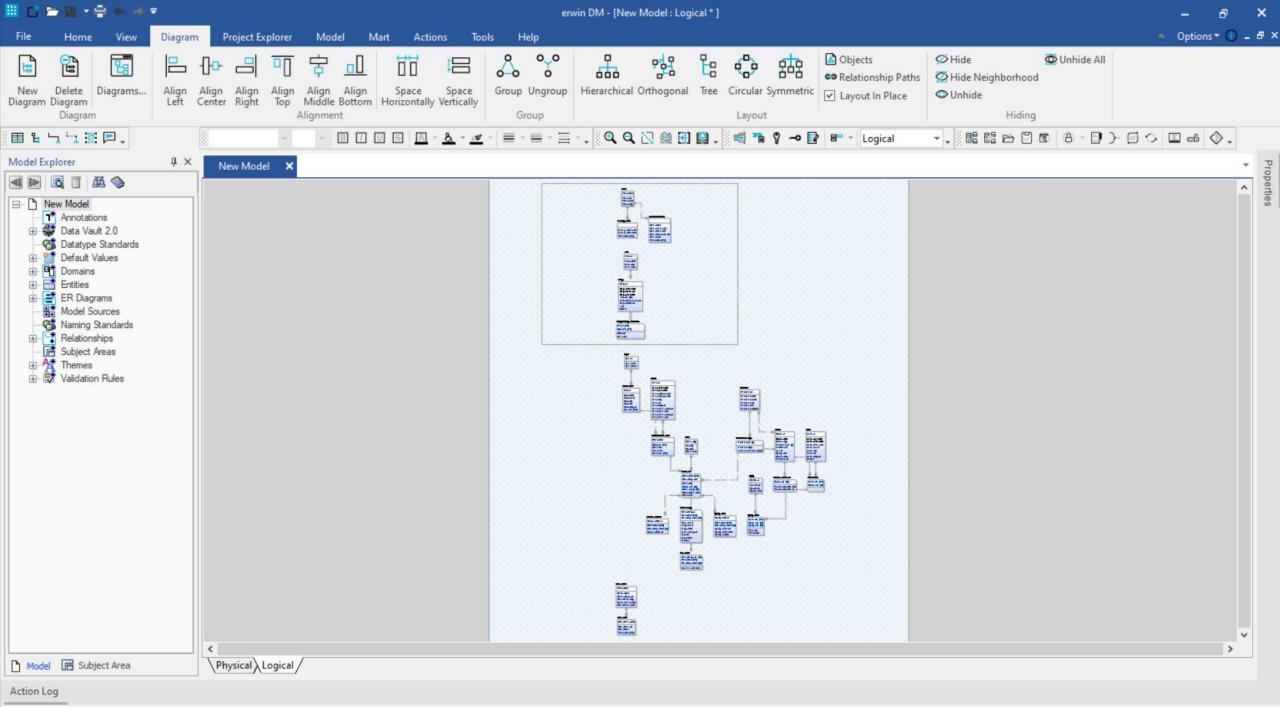
Zoom Model to fit the Window

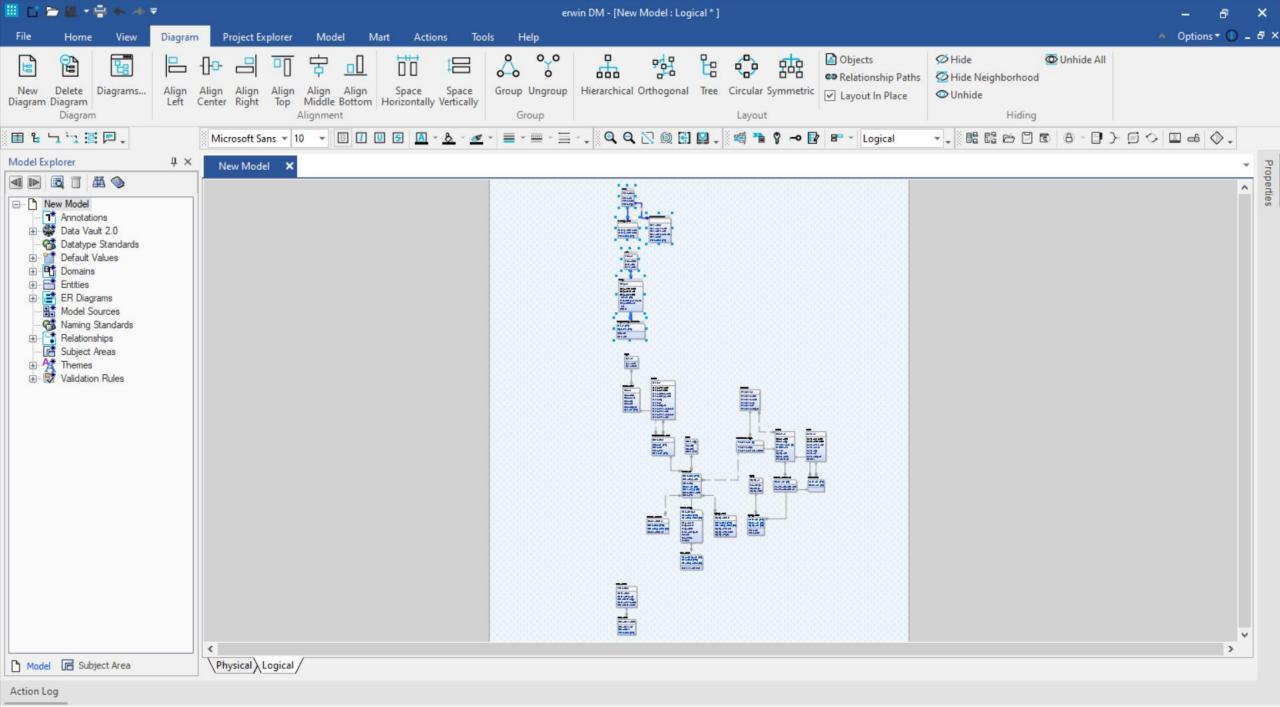
Non-Mart Model

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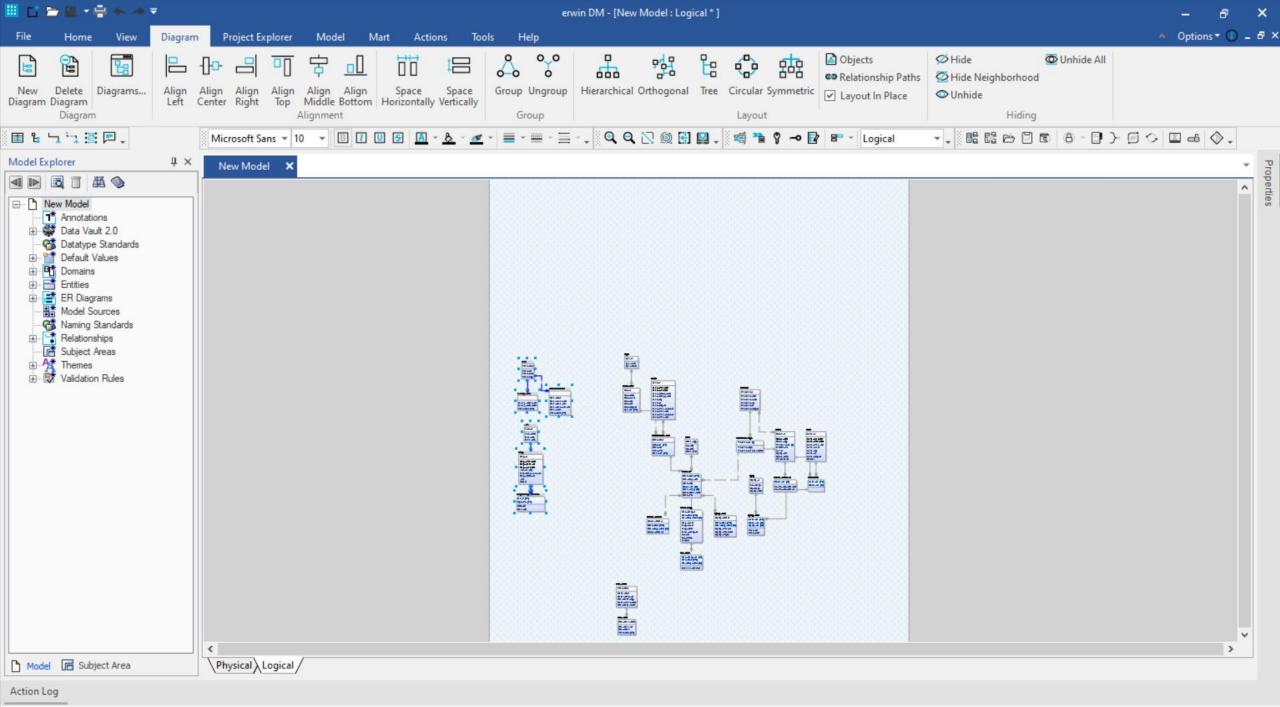


SQL Server 2019/2022

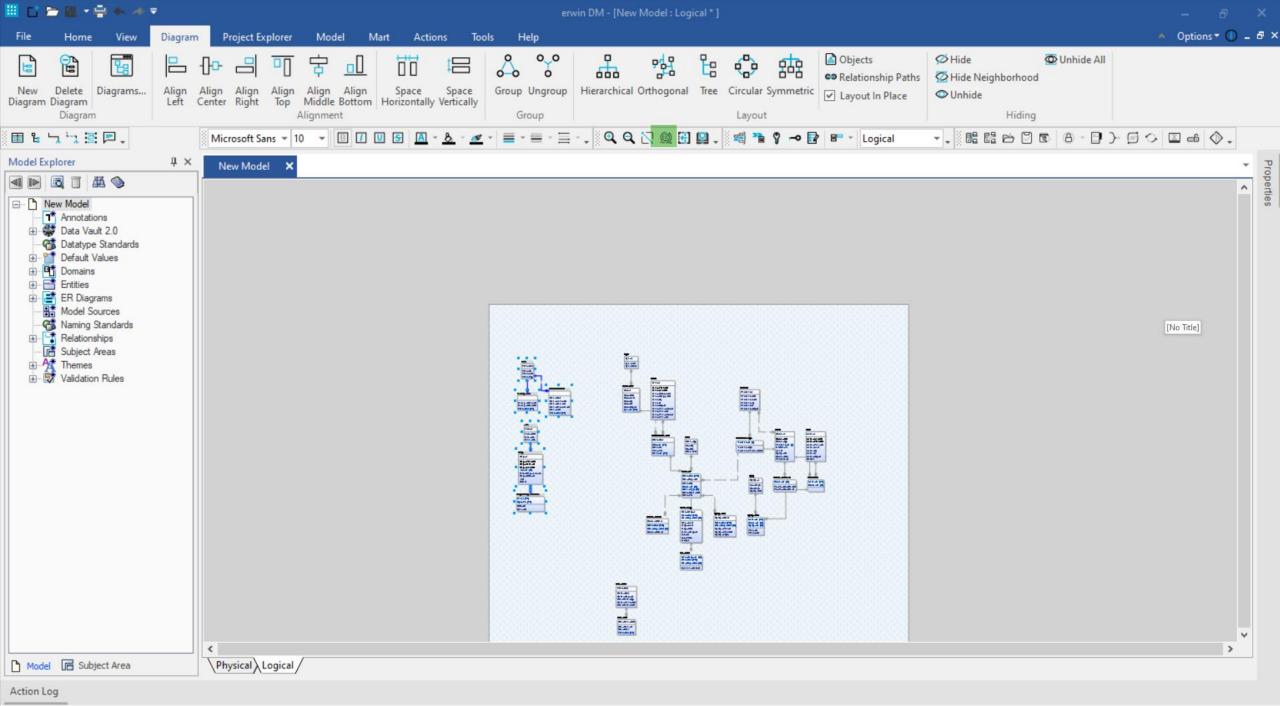




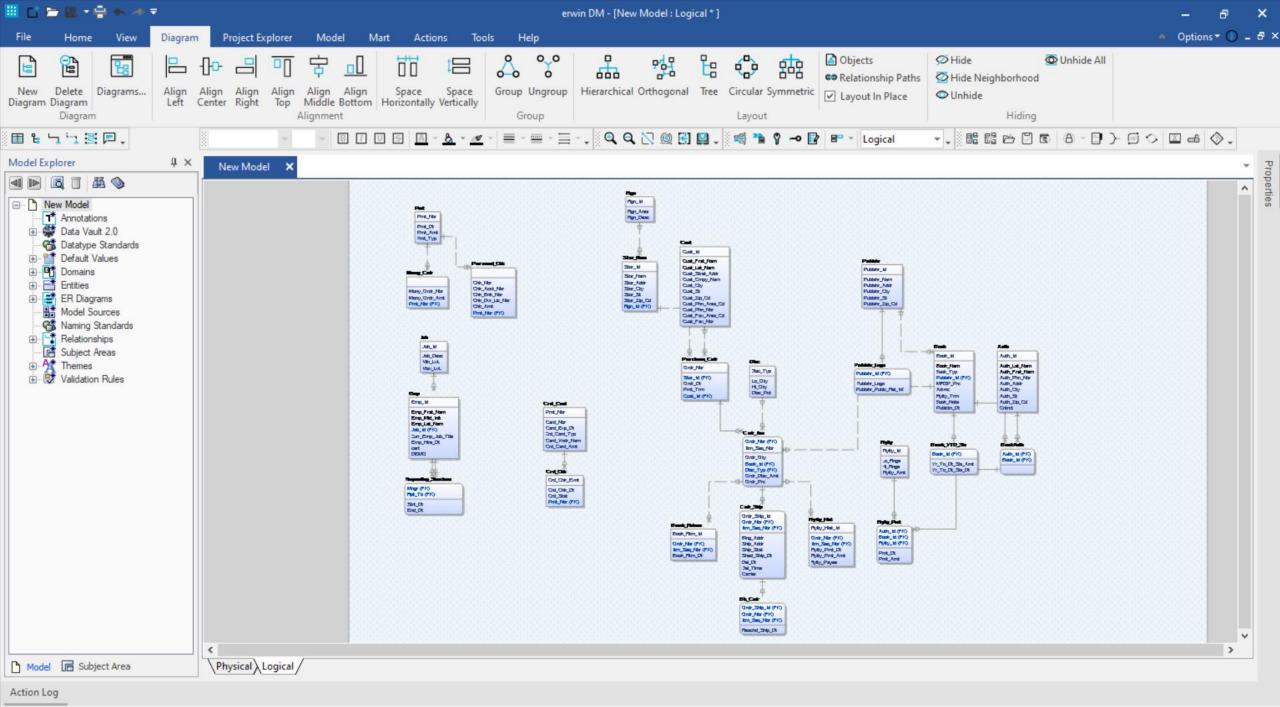
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Non-Mart Model

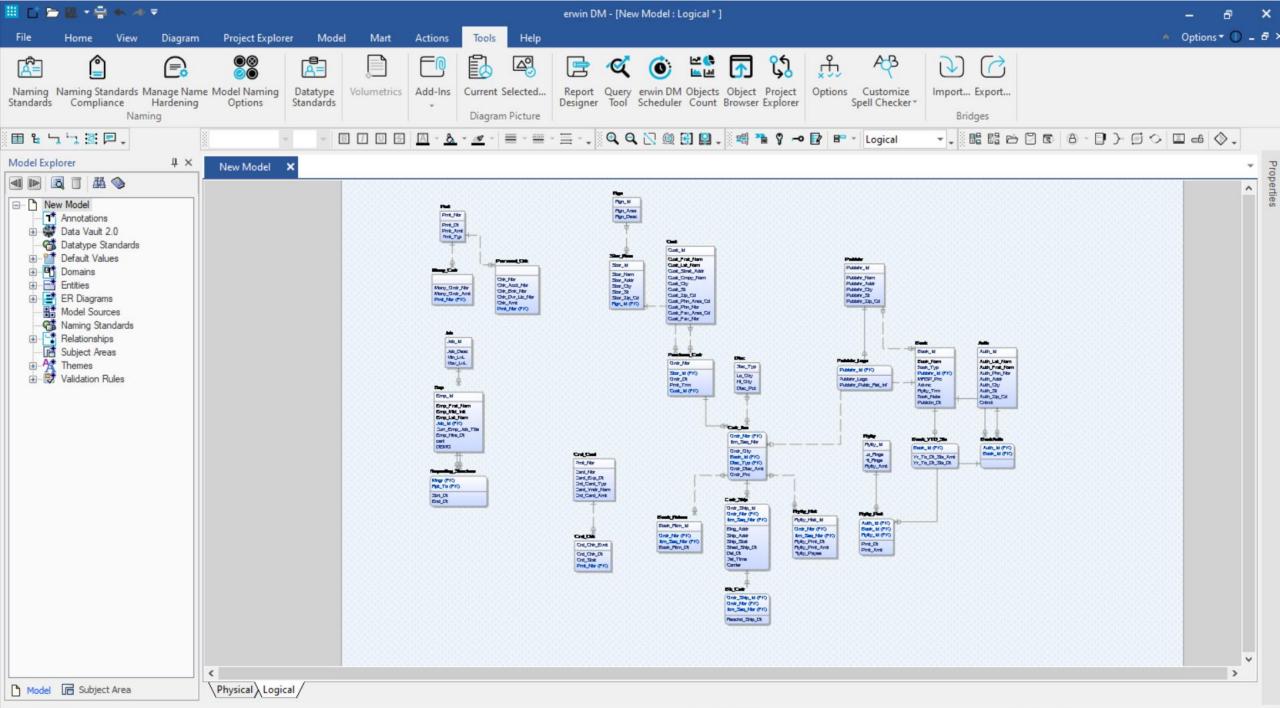
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Create a PDF Report

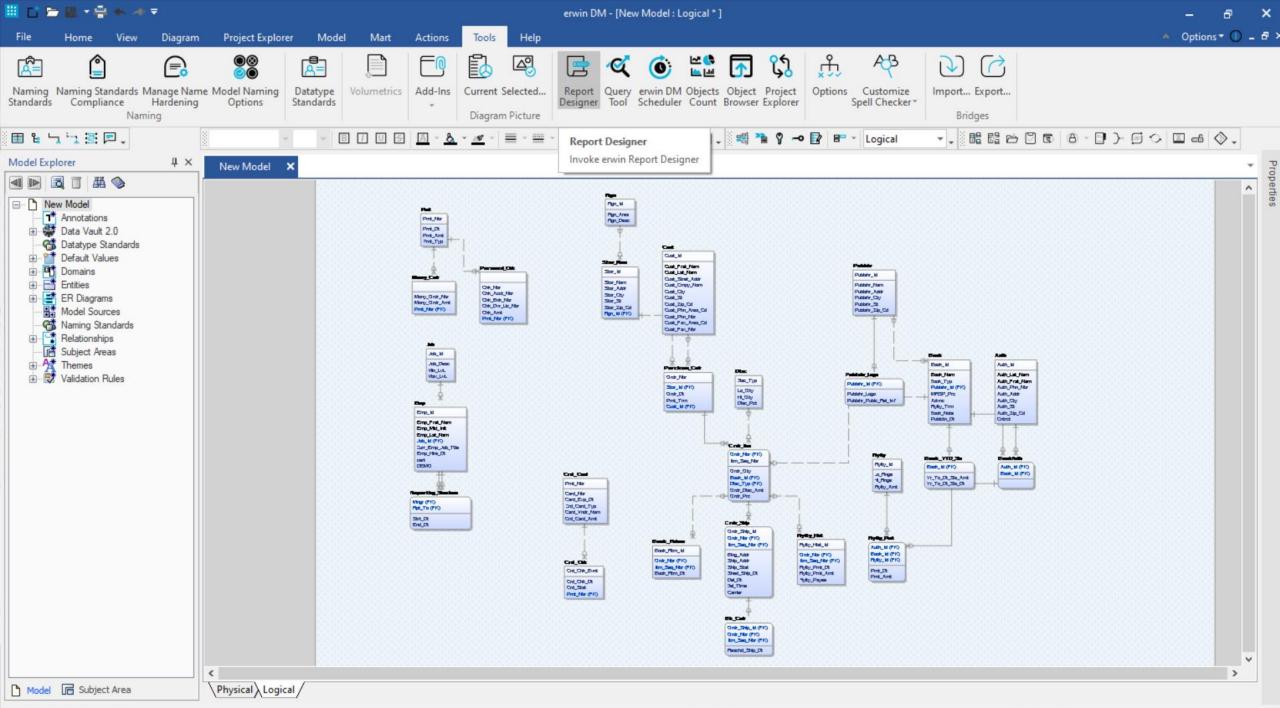




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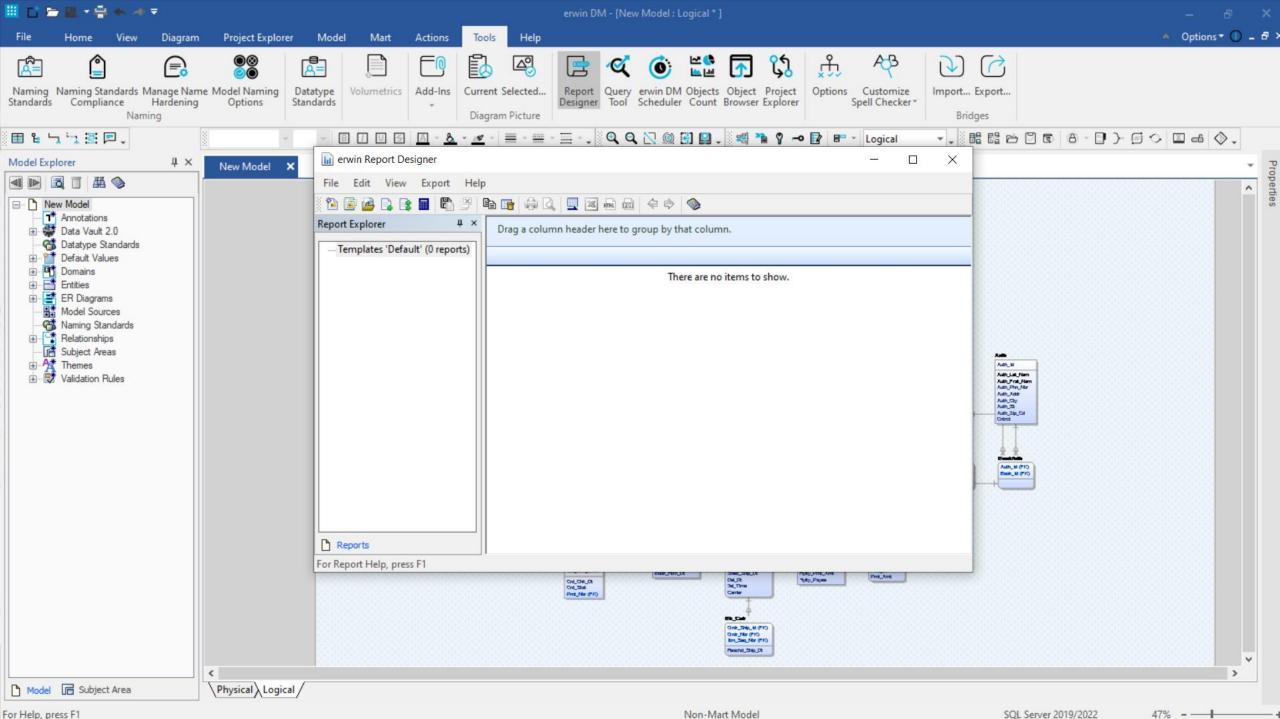
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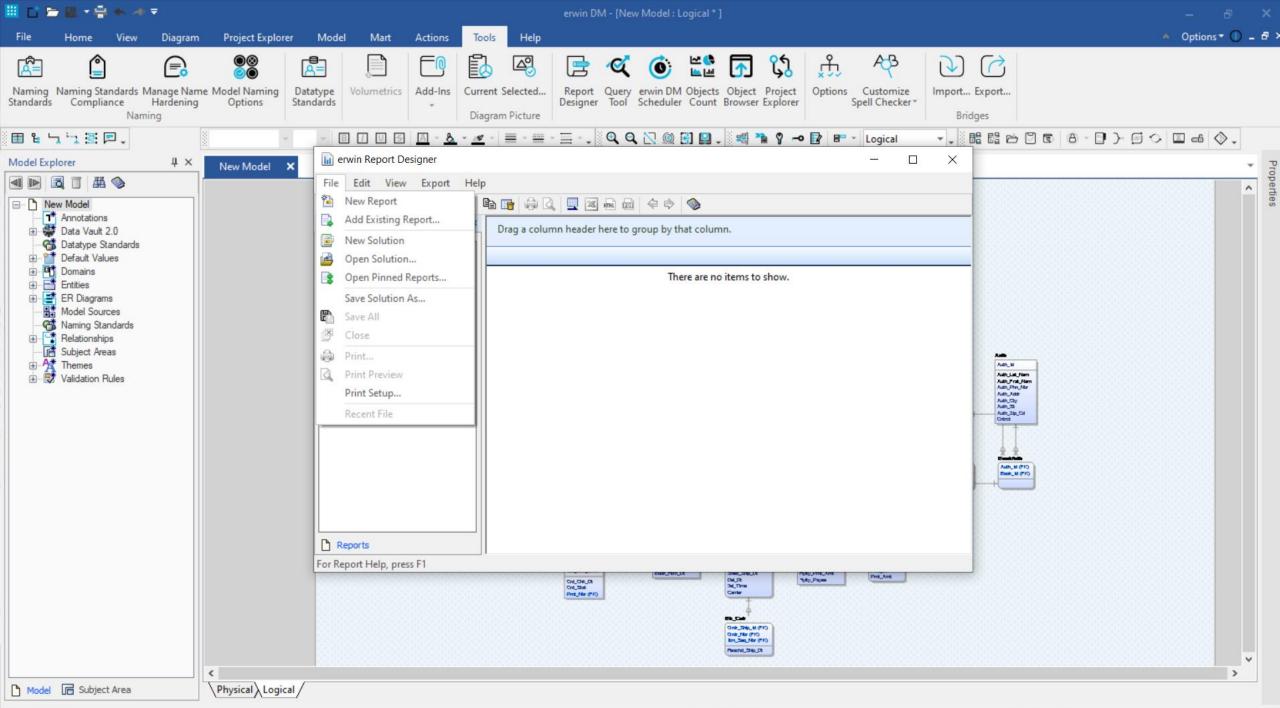


Invoke erwin Report Designer

Non-Mart Model

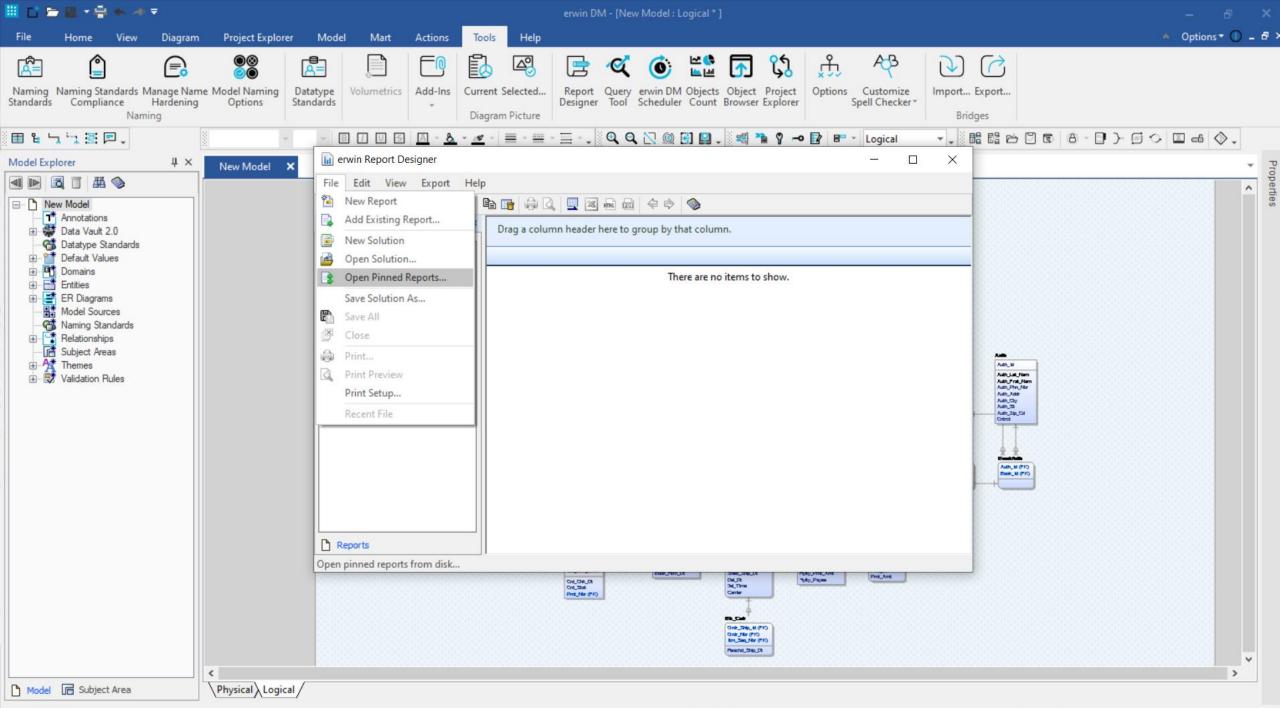
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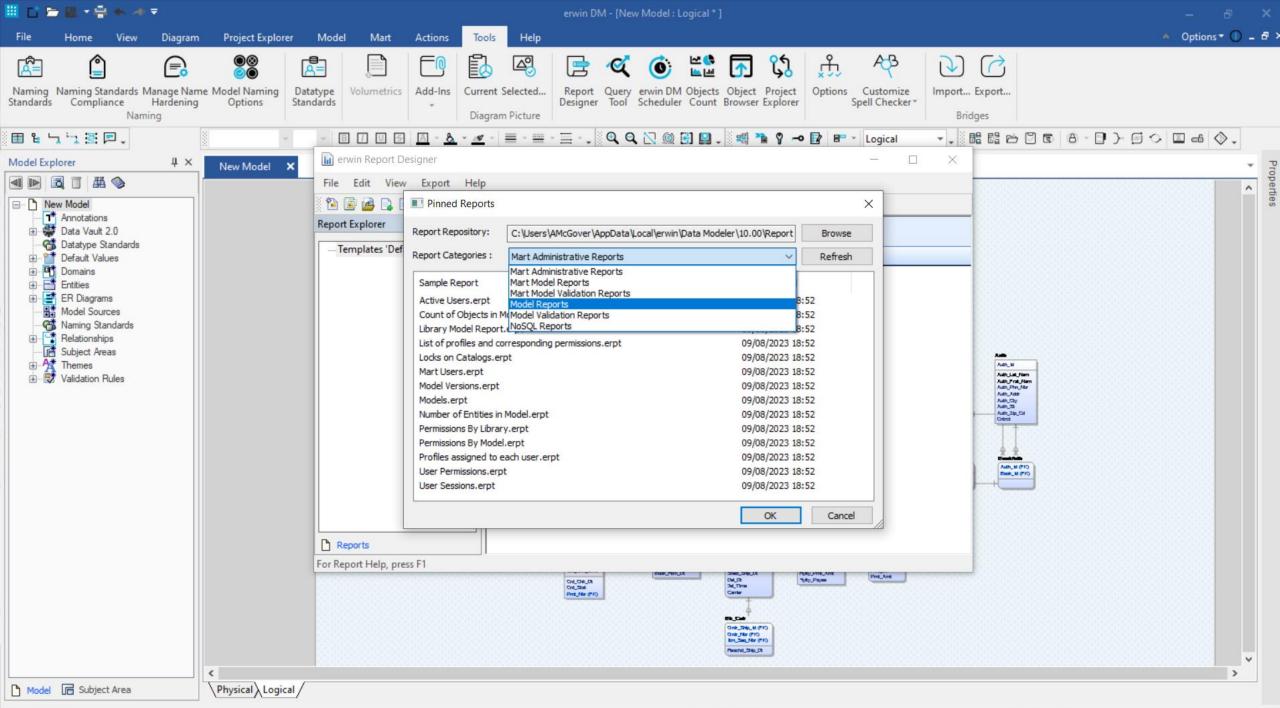
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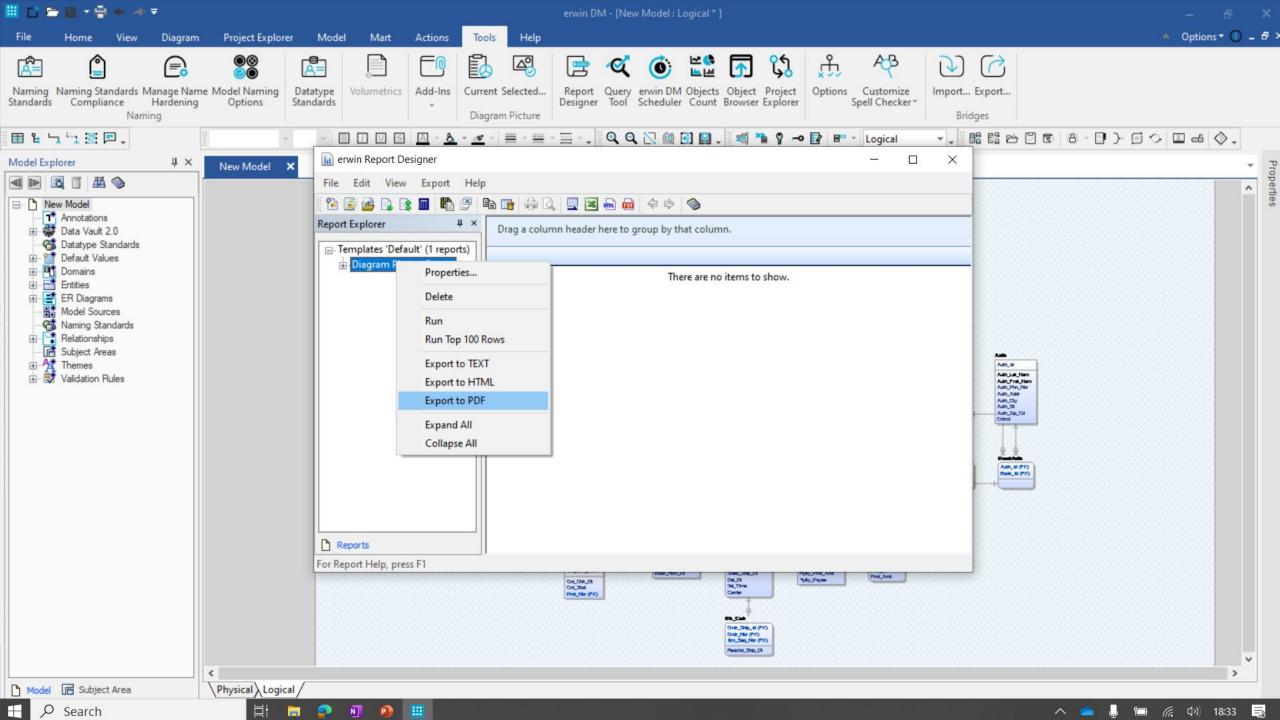
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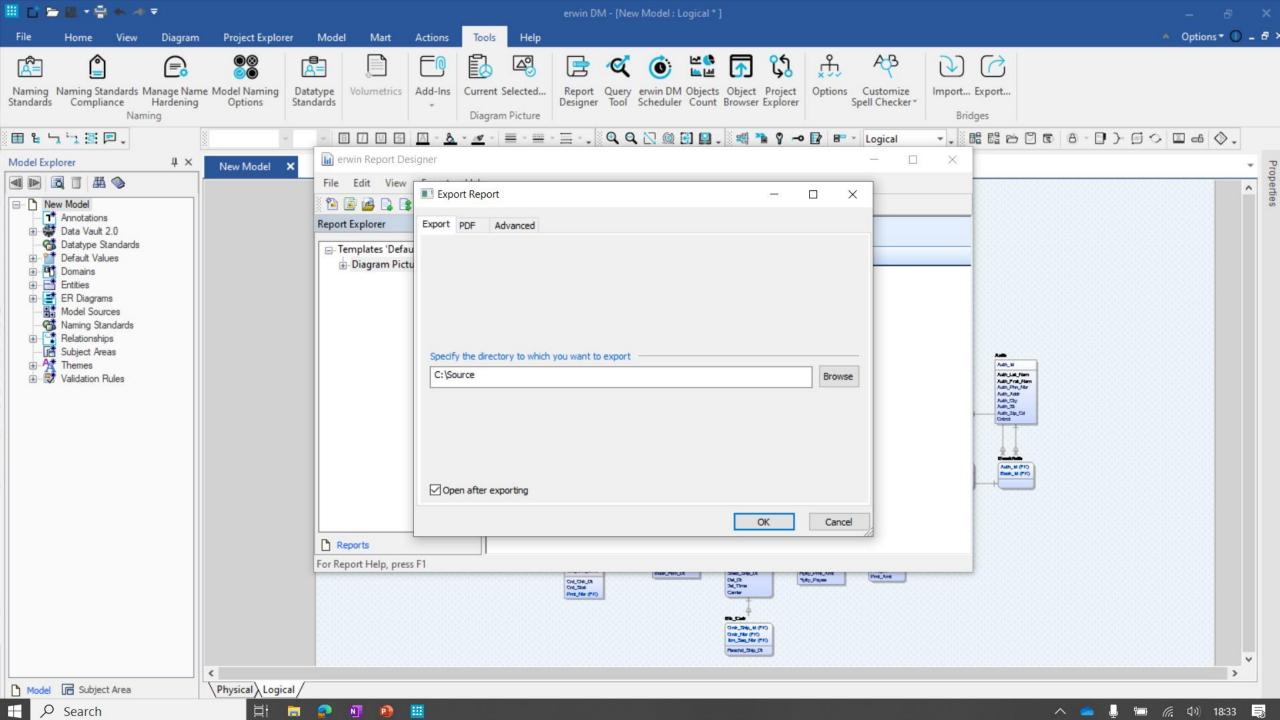
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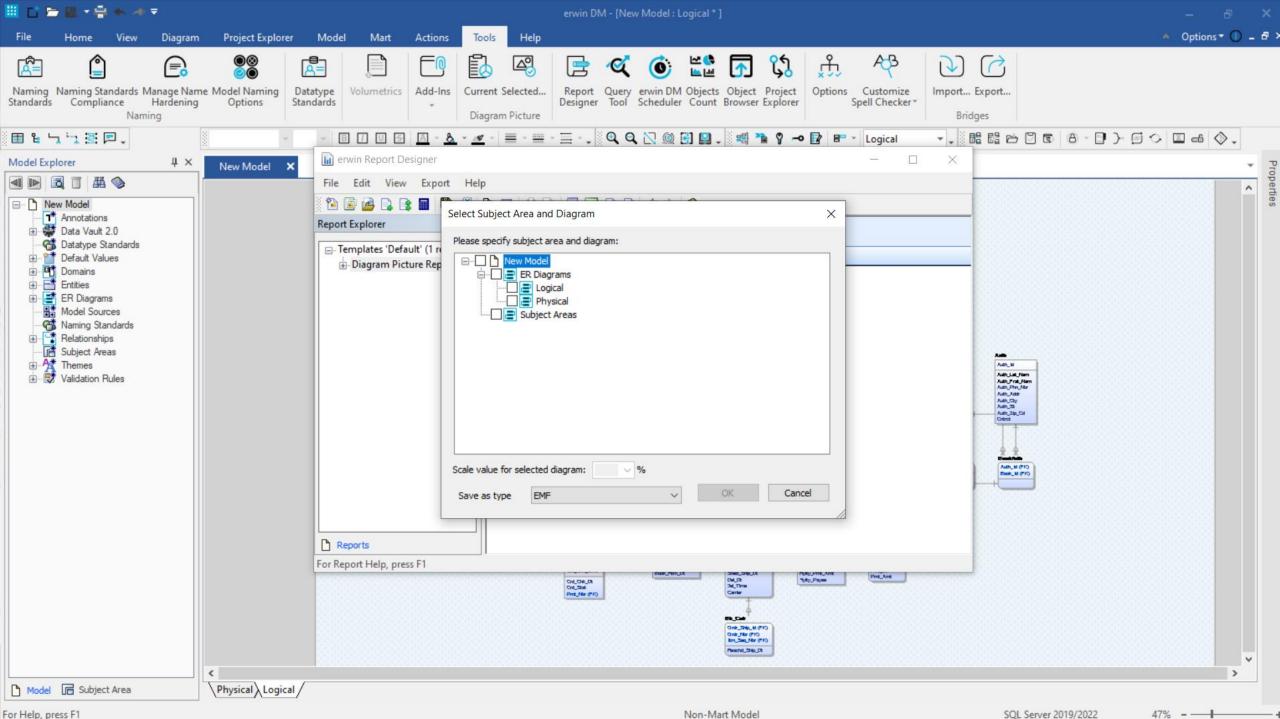
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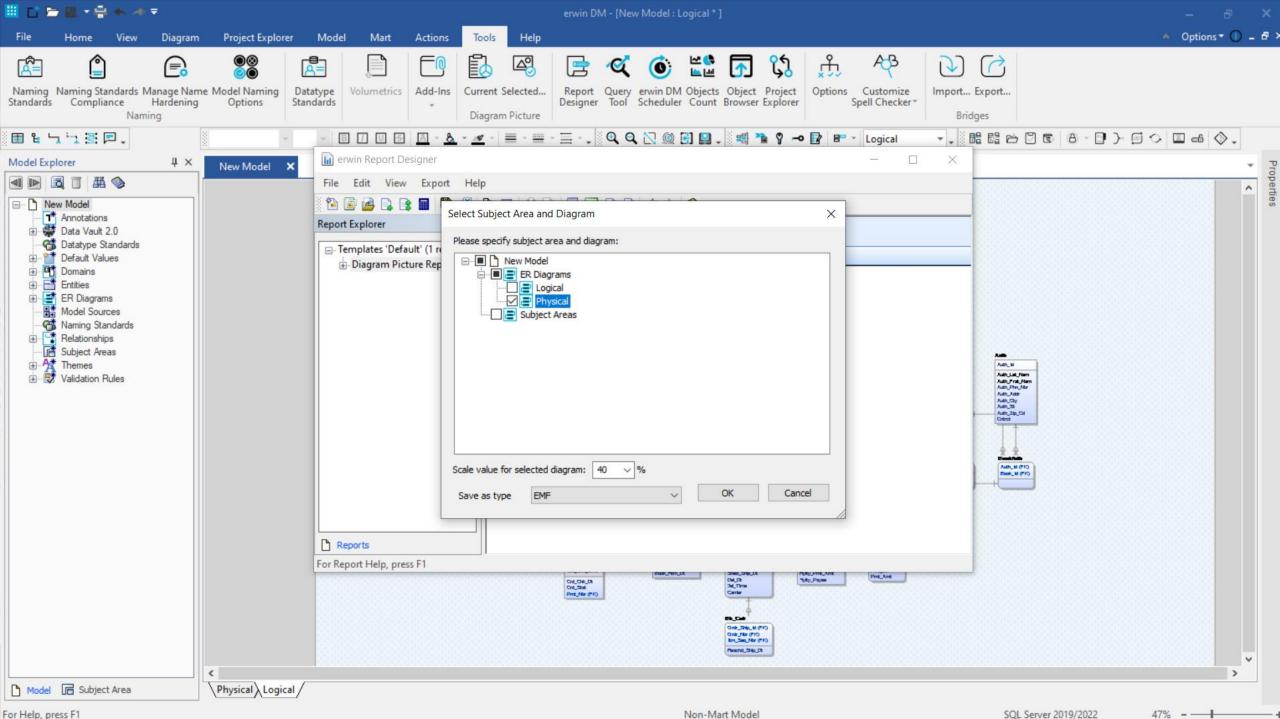
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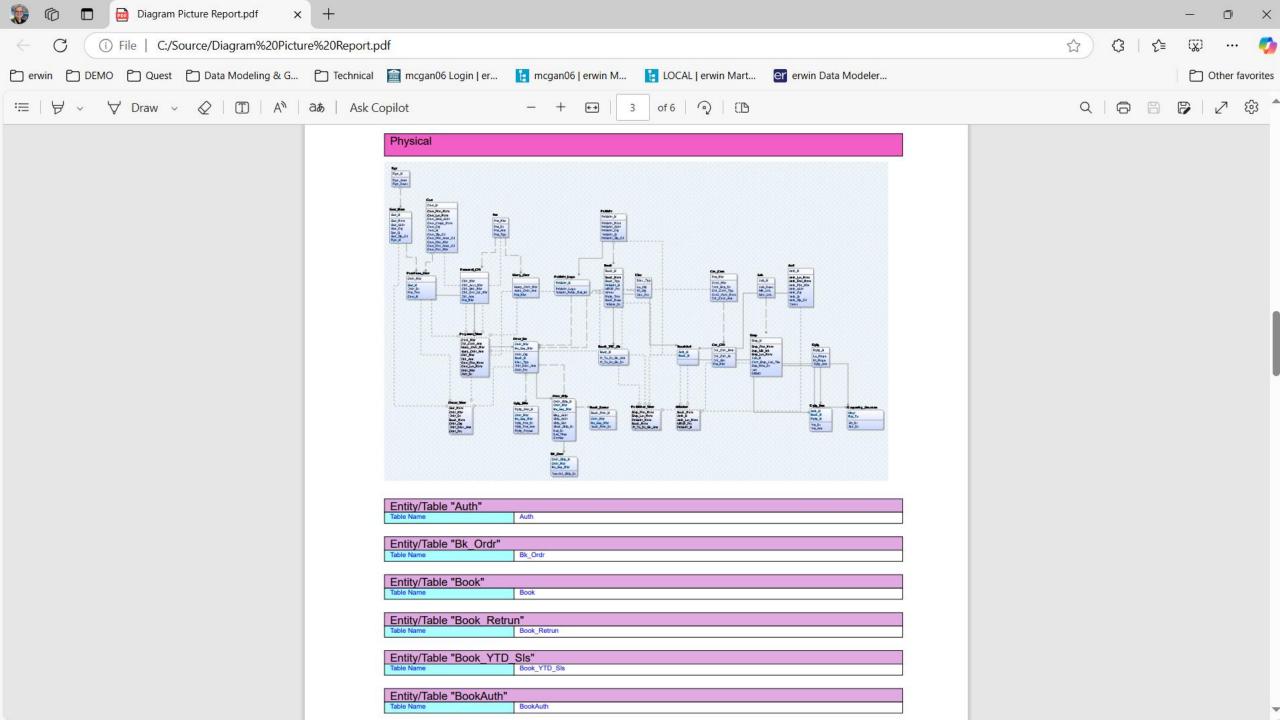
SQL Server 2019/2022











Questions?



Thank You

Scan the QR code to add Skills 101 for erwin to your calendar!

Skills 101 – erwin DM, Ep: 3 The Art of Documenting Data Structures

Andy McGovern

June 25th

