

03 Seed Products Data

Goal

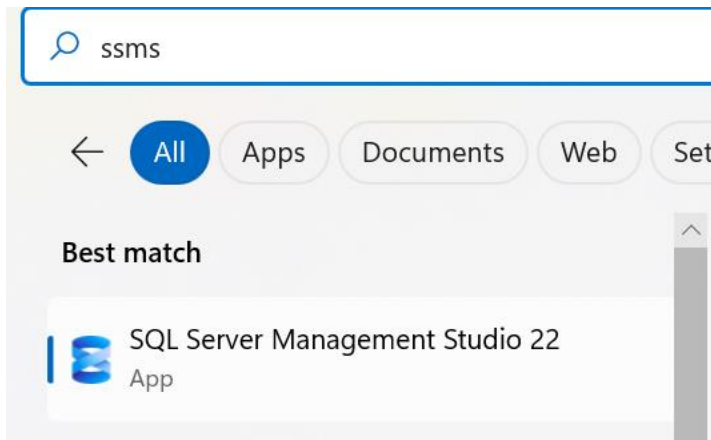
Put starter rows into Products so your pages show real data.

approaches

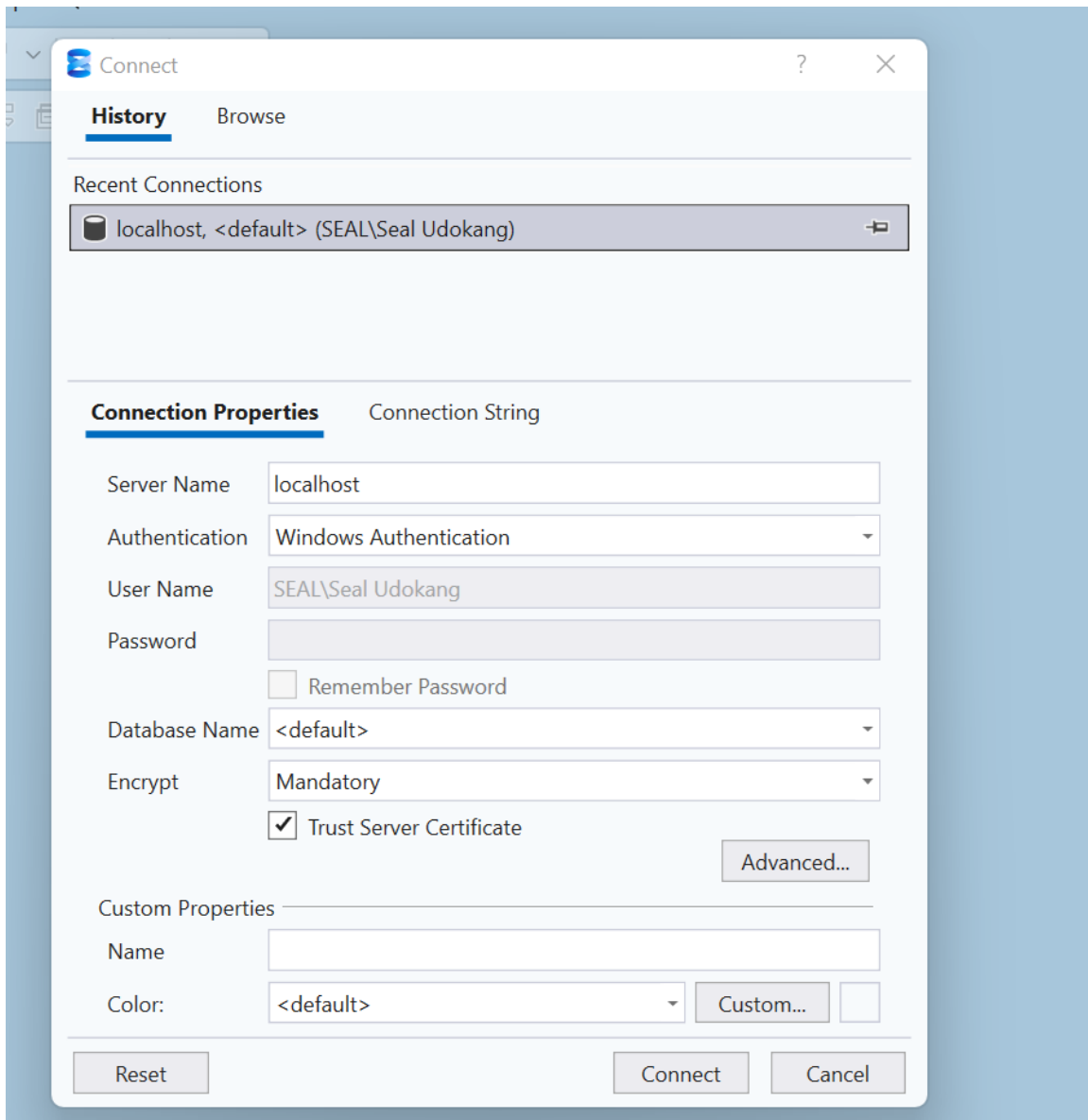
1. Manual SQL INSERT in SQL Server, fast for quick testing

Manual SQL INSERT query

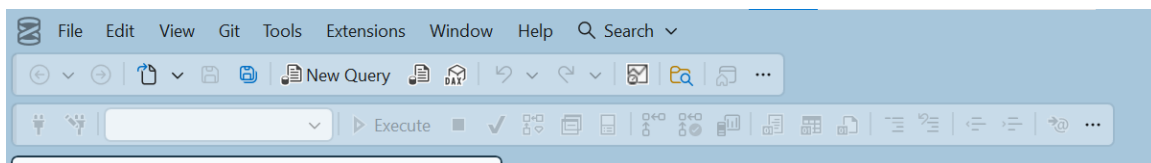
Open your SSMS Application



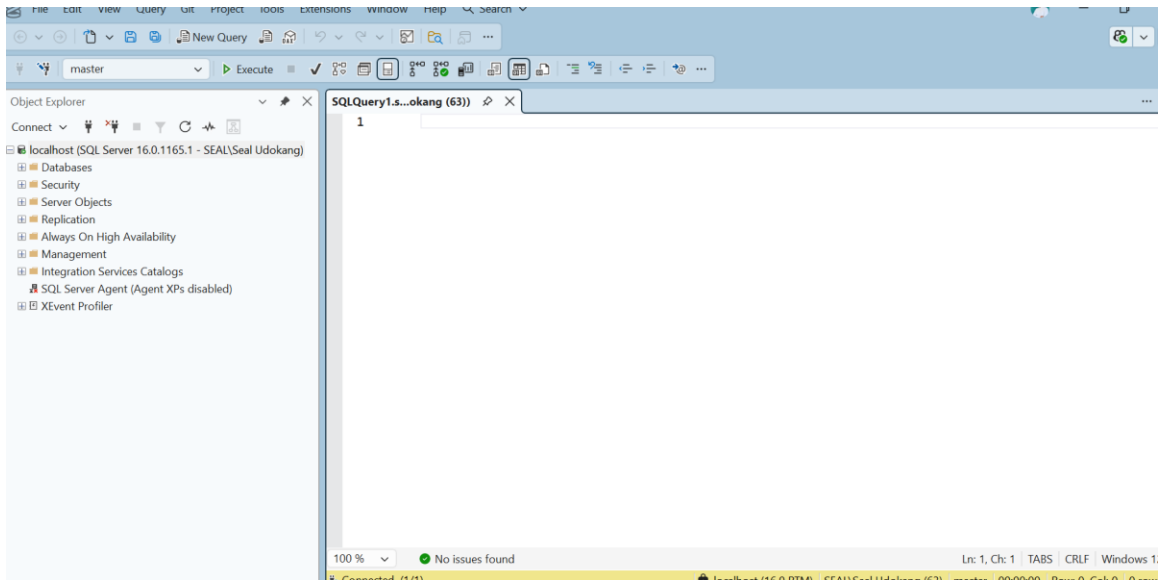
THEN CONNECT TO YOUR SERVER LOCALHOST, ENSURE TRUST
SERVER CERTIFICATE IS TICKED BEFORE YOU CLICK CONNECT



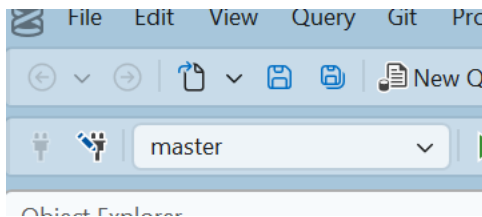
THEN WHEN IT CONNECTS CLICK ON NEW QUERY



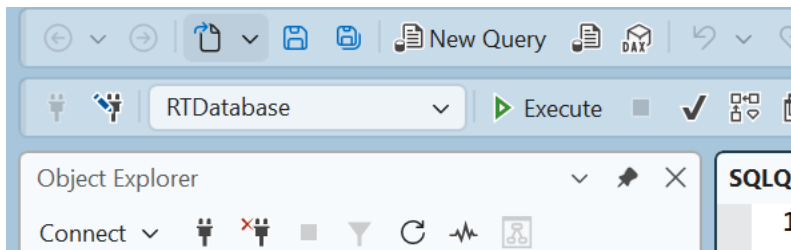
THEN A WHITE BACKGROUND OR PAGE SHOULD OPEN UP



THEN GO TO WHERE YOU SEE MASTER



AND CHANGE THE DROPDOWN TO THE NAME OF YOUR DATABASE IN MY CASE RT DATABASE



THEN MANUALLY INSERT NEW QUERY INTO THE PAGE

QUERY CHNAGES BASED ON THE SCENARIIO

```
1. INSERT INTO Products (Name, Description, Price, ImageFileName, CreatedAt)
2. VALUES
3. ('Solar Lamp', 'Rechargeable lamp for outdoor use', 19.99, 'solar-
lamp.jpg', GETUTCDATE()),
4. ('Wind Turbine Model', 'Mini wind turbine learning kit', 49.99, 'wind-
kit.jpg', GETUTCDATE()),
```

```
5. ('Smart Thermostat', 'Energy saving thermostat', 129.99, 'thermostat.jpg',  
GETUTCDATE());
```

AND THEN CLICK EXECUTE AND THE PRODUCTS SHOULD BE ADDED INTO THE DATABASE

Explanation

GETUTCDATE() generates a UTC timestamp on the SQL Server side. This avoids needing to manually type dates.

Common problems and fixes

Error. Cannot insert NULL

Cause. You inserted nothing into a column that does not allow EMPTY INPUTS

Fix. Provide values for required columns or change model rules

Error. Invalid column name

Cause. Your table column names differ from your model properties

Fix. Check the table columns in SQL Server Object Explorer