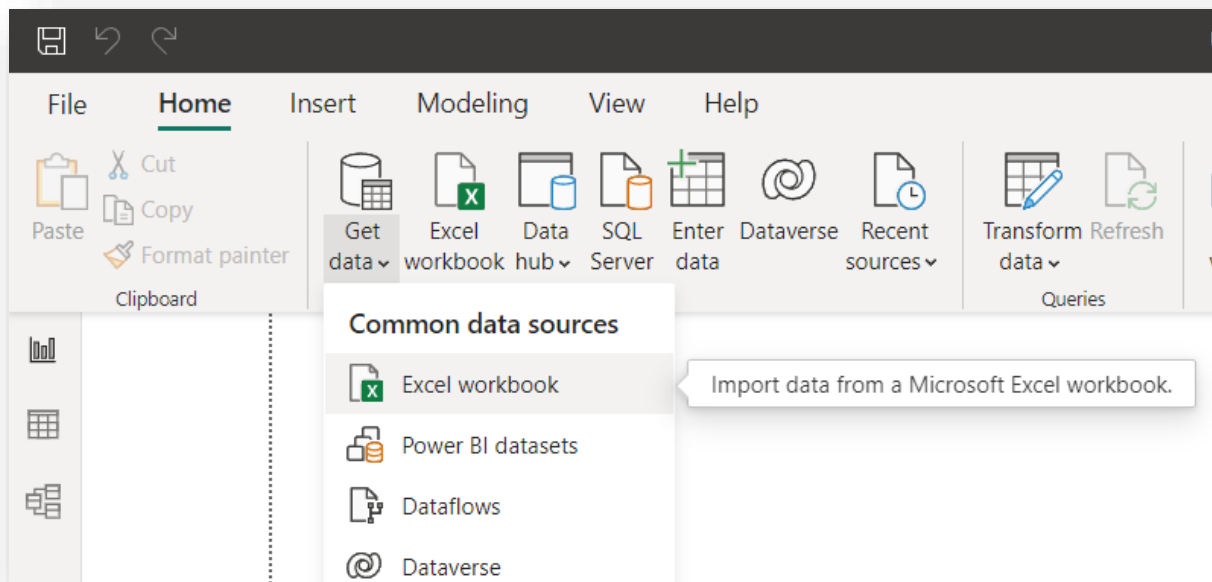
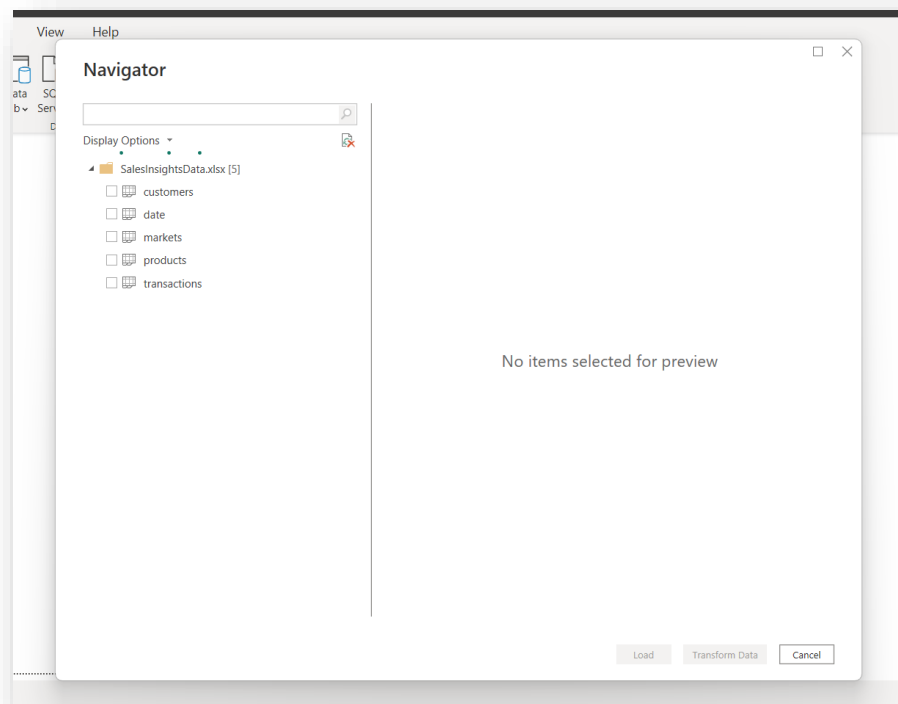


Data Cleaning & ETL using Power BI

1. Get data from a MySQL database or an Excel spreadsheet.

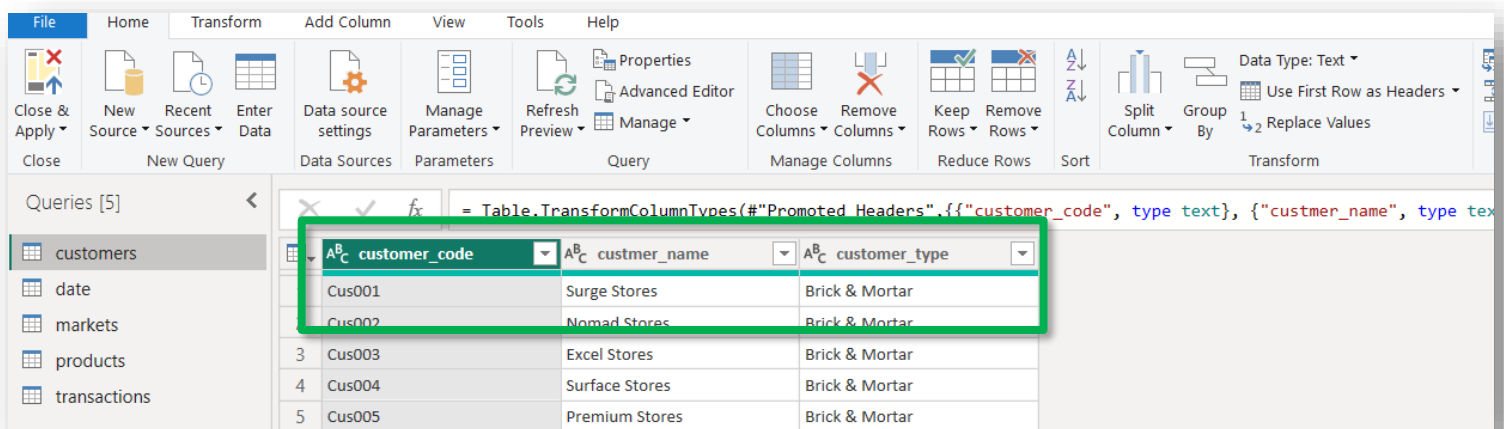
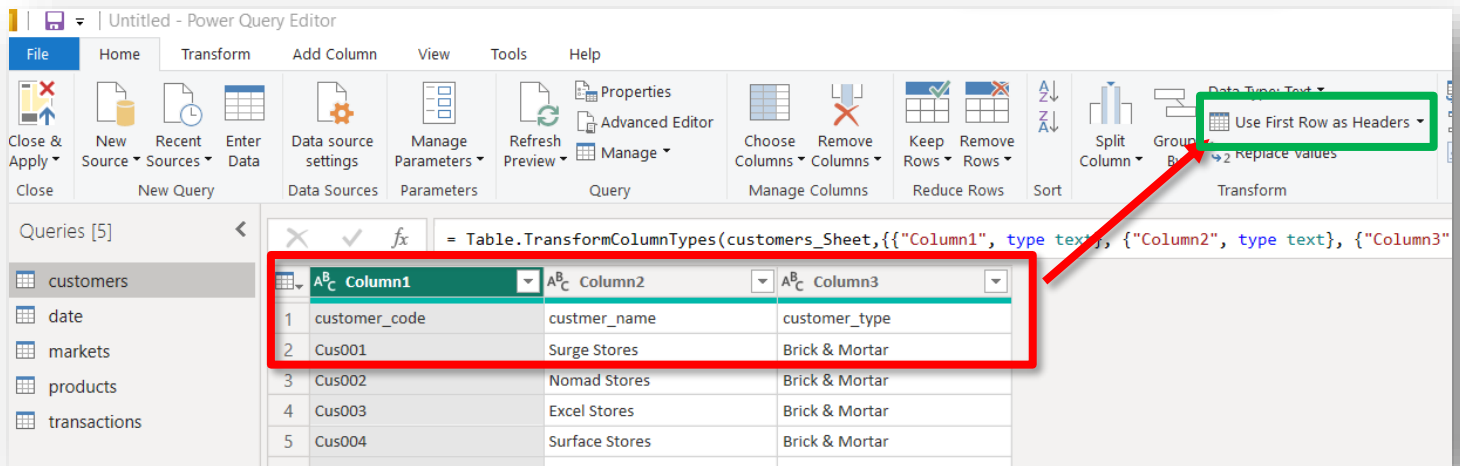


2. When we choose Excel Data from the file. The navigator will appear as shown below.



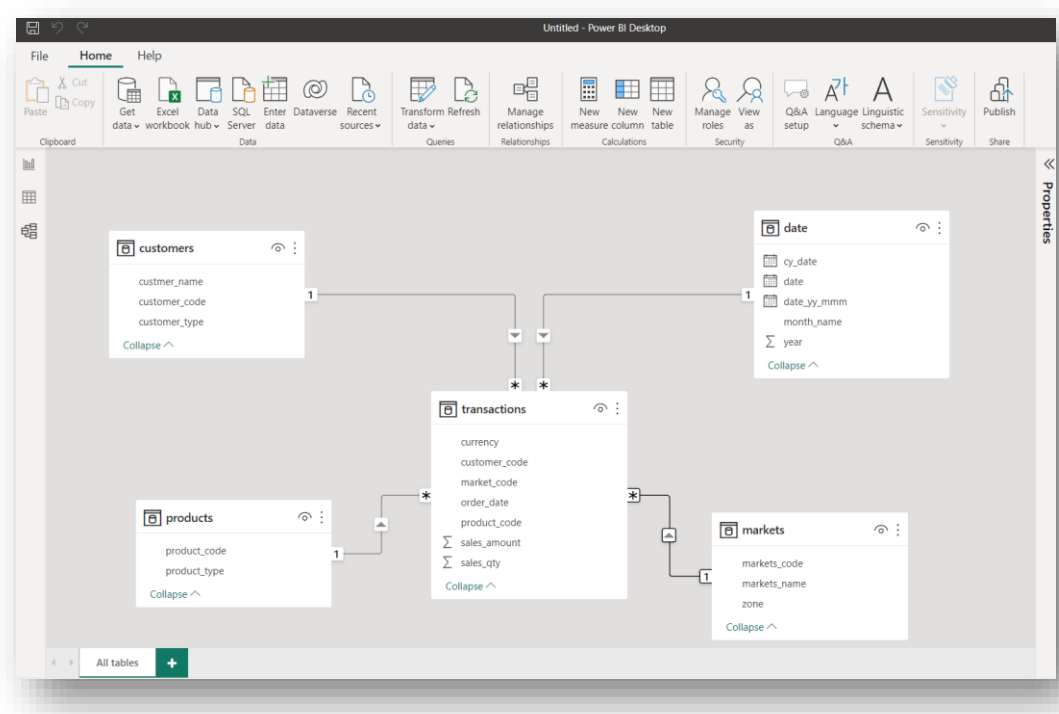
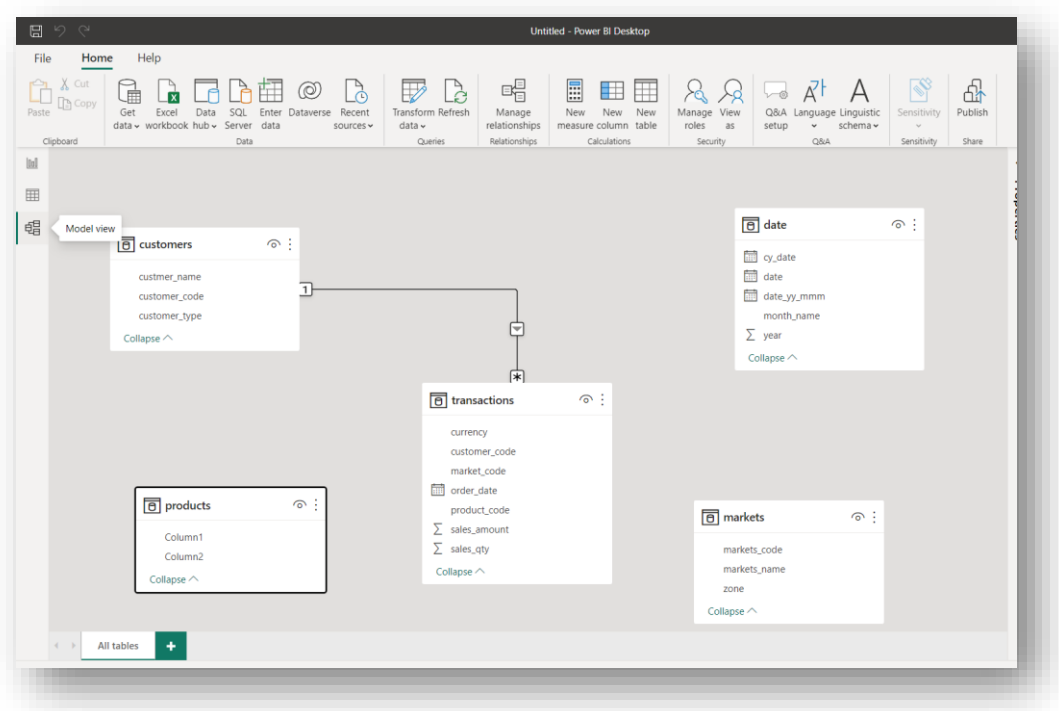
3. Select all of the tables and perform the data transformation.

4. In Power Query Editor, verify that all of the tables' data has been transformed correctly. Examples are provided below.

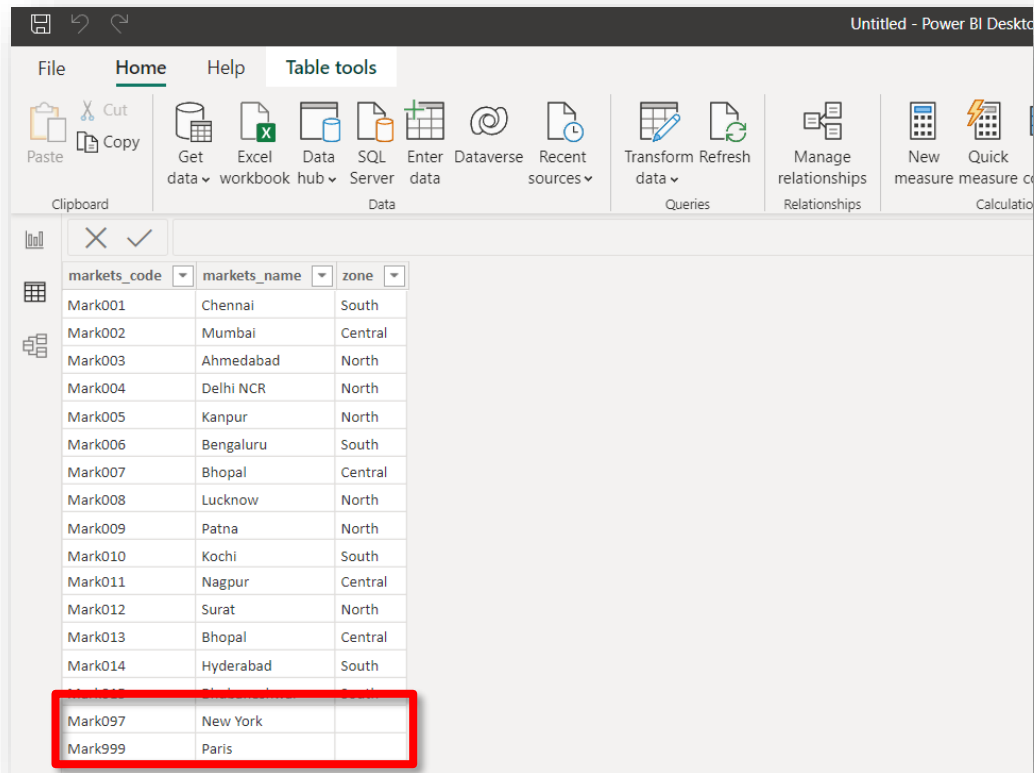


After reviewing all of the data in the transform, go to the home menu and click close and apply.

Select the model view and determine whether or not the table-to-table relationship was used..



Choose Data View and look for the markets table..



Untitled - Power BI Desktop

File Home Help Table tools

Paste Cut Copy

Get data Excel workbook Data hub SQL Server Enter data Dataverse Recent sources

Transform data Refresh data

Manage relationships

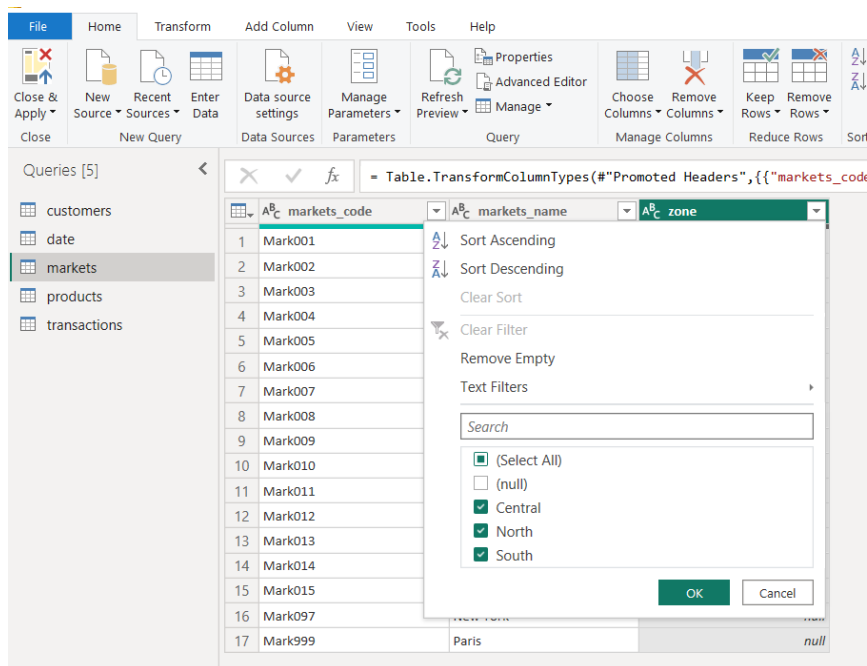
New measure Quick measure

markets_code	markets_name	zone
Mark001	Chennai	South
Mark002	Mumbai	Central
Mark003	Ahmedabad	North
Mark004	Delhi NCR	North
Mark005	Kanpur	North
Mark006	Bengaluru	South
Mark007	Bhopal	Central
Mark008	Lucknow	North
Mark009	Patna	North
Mark010	Kochi	South
Mark011	Nagpur	Central
Mark012	Surat	North
Mark013	Bhopal	Central
Mark014	Hyderabad	South
Mark015	Chennai	South
Mark097	New York	
Mark999	Paris	

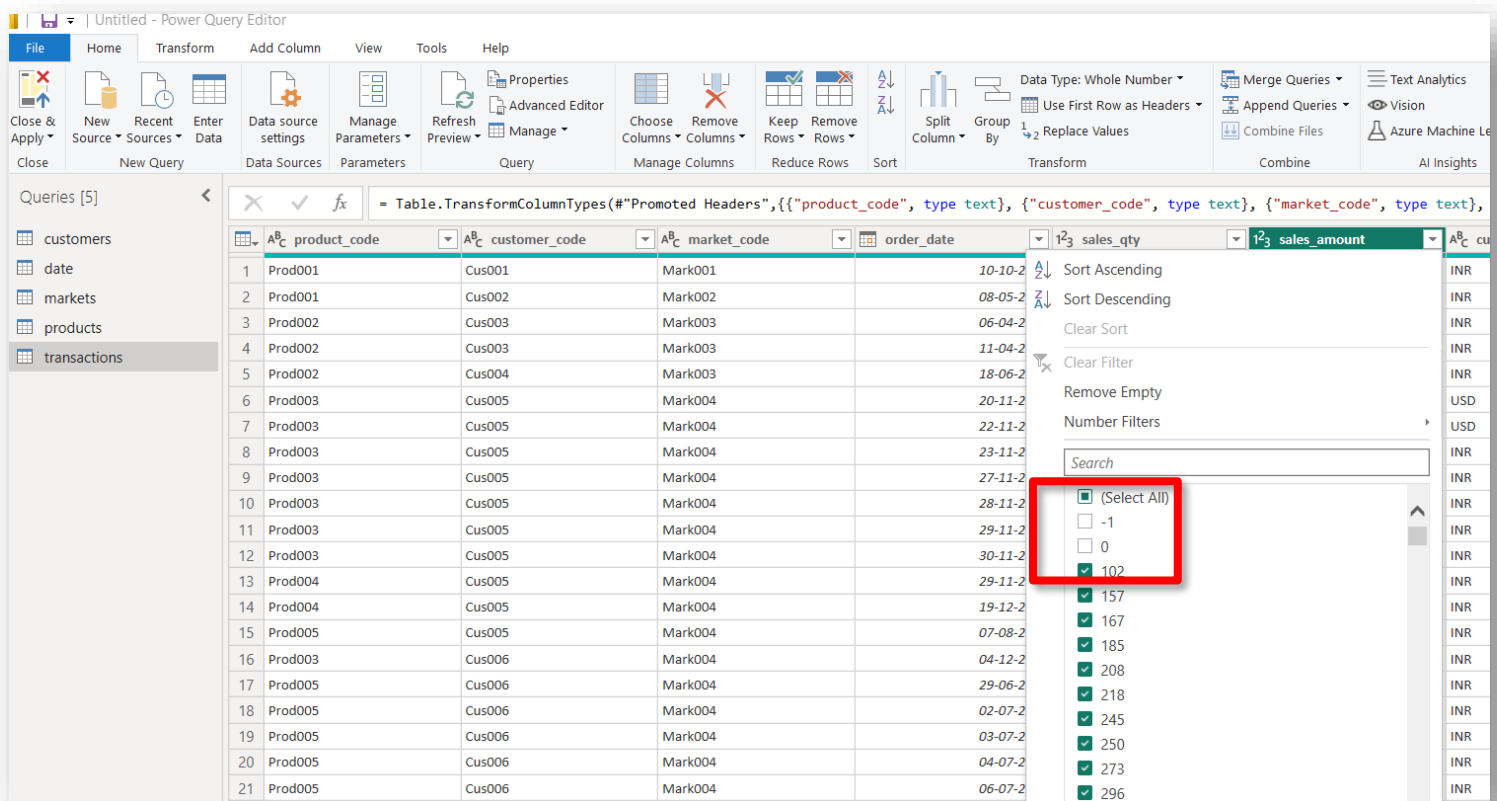
1. Here, we must remove the words "New York" and "Paris" from the highlighted data. Because AtliQ hardware is currently only available in India..

So, we must click on transform data, which will launch the power query editor.

This is the place to make ETL, Data cleaning.



3. We don't need sales amount which -1 and 0 in data. As shown below.

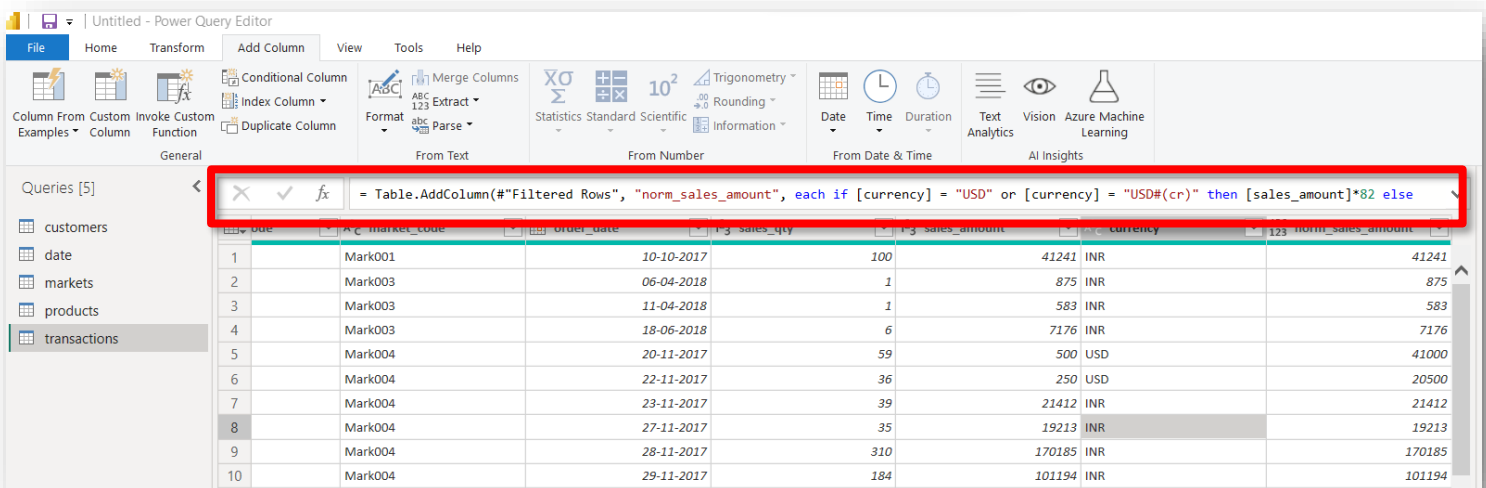
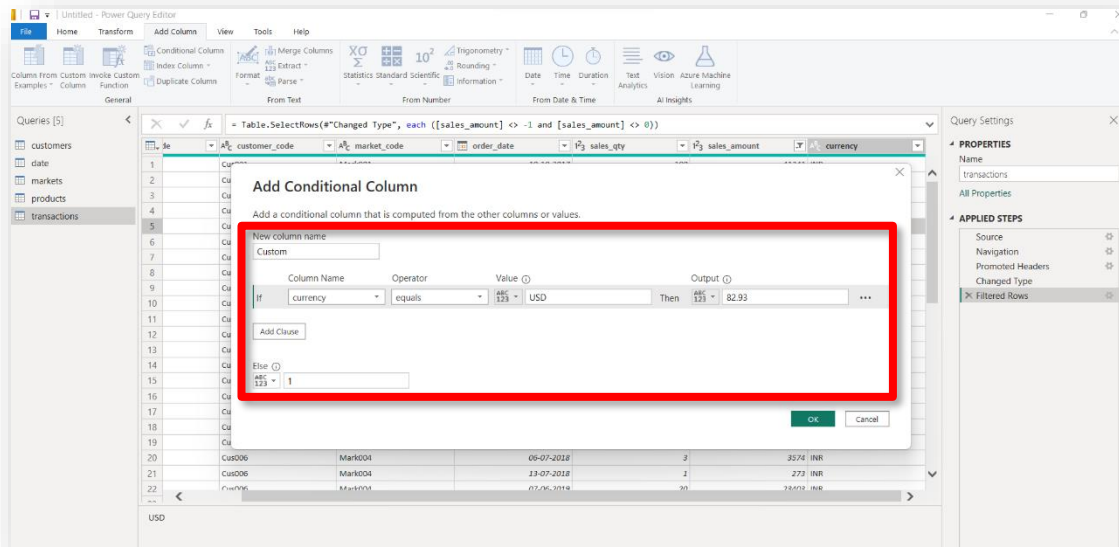


4. Need to convert USD to INR.

For that we need to add new column.

1 USD = 82.93 INR

Click conditional column from Add Column menu.



Once the data cleaning or ETL completes. Go to home menu and click close and apply. it will apply all these transformations and will take you back to main power bi dashboard for visualization.