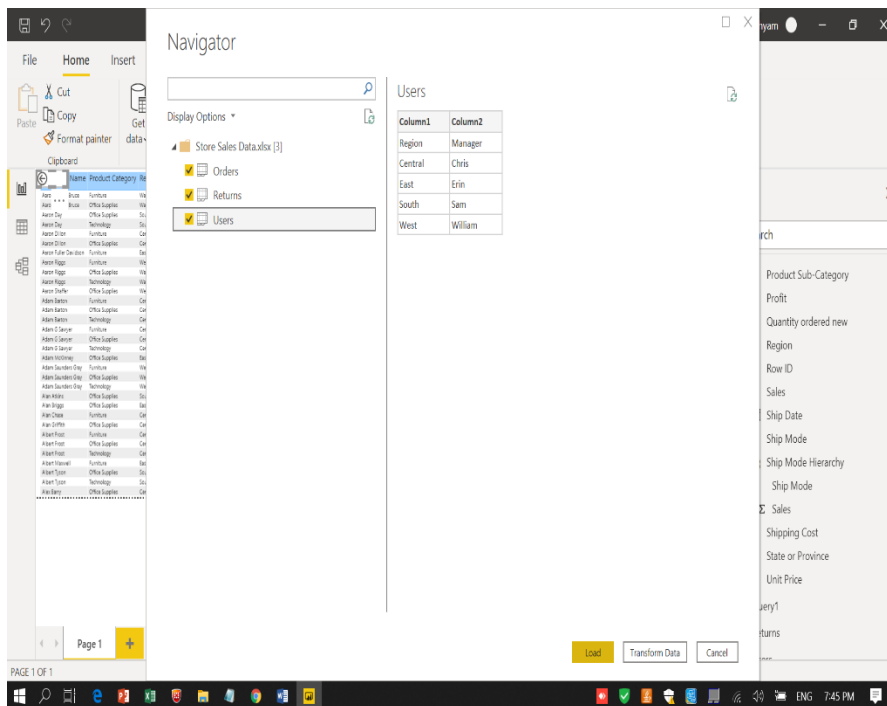


ASSIGNMENT 2 –CONNECTING DATA

- **Connect to the Store Sales Data and do the following: -**

Connecting Sales Data: Open the Power BI Desktop-then click on get data on Power BI Desktop ribbon – select the excel format ,click on connect – then select the data to be loaded from our folder –click on open button. At that time a Navigator page will be opened. Select the tables that we want to open, then click on load button. Our data will be connected.

Below is the print screen of Navigator



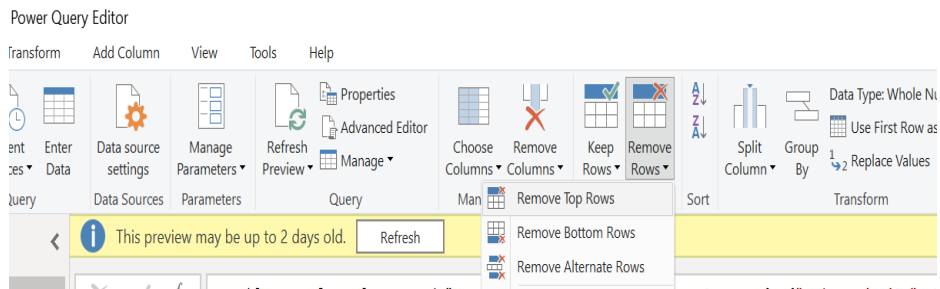
Here is the screen shot of Sales data table

1. Remove the top blank rows:

Following are the steps of to remove top blank rows

- From power BI ribbon select get data .From get data select blank query. Then a blank power BI query editor will be opened.
- In left hand side shows the tables which are loaded, select the Order table.
- Home in Power Query Editor, there is an option as “Remove rows”.

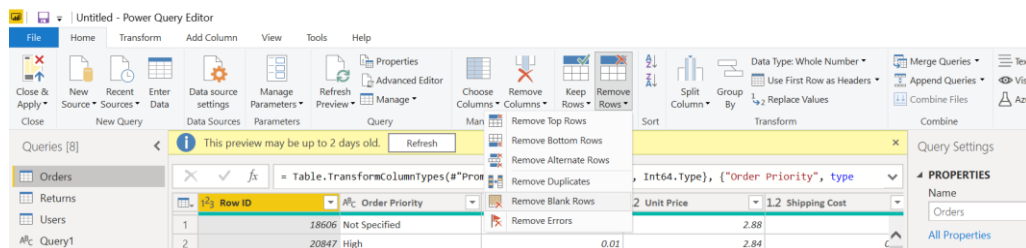
Here is the picture:



- From Remove Rows drop down, select the “Remove top Rows”.
- That second a box will be opened to specify how rows may will be removed from first.
- Here, I specified as 3.

The picture will be shown below:-

- For removing other blank rows in the table, we select “Remove Blank Rows” from same “Remove rows” option.



By doing above steps we can remove all blank columns in the table.

Here is the Final screen shot of table:

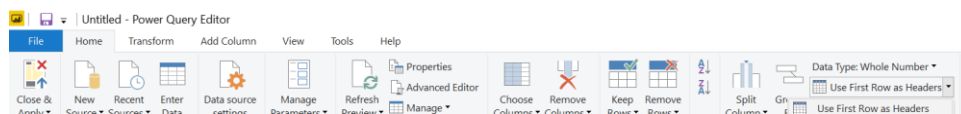
thi

Row ID	Order Priority	Discount	Unit Price	Shipping Cost
1	Not Specified	0.01	2.88	
2	High	0.02	2.84	
3	Not Specified	0.03	6.68	
4	Not Specified	0.01	5.68	
5	Not Specified	0	205.99	
6	Medium	0.09	55.48	
7	Low	0.08	120.97	
8	Not Specified	0.02	500.98	
9	Low	0.08	6.48	
10	High	0.02	80.21	
11	Critical	0.07	6.48	
12	Critical	0.01	4.84	
13	Critical	0.1	85.99	
14	Critical	0.05	12.28	
15	High			
16				

2. Update the column header if they are not updated

In our data set first row indicating column headers. For updating column header we follow below small step.

- Home in Power Query Editor ,there is an option like “use first row as header”



- Click that option
- Our headers will be updated

Below is the picture of table with updated column header

Table: TransformColumnTypes(#"Promoted Headers1", {"Row ID", Int64.Type}, {"Order Priority", type

Row ID	Order Priority	Discount	Unit Price	Shipping Cost
1	18606	Not Specified	0.01	2.88
2	20847	High	0.01	2.84
3	23086	Not Specified	0.03	6.68
4	23087	Not Specified	0.01	5.68
5	23088	Not Specified	0	205.99
6	23597	Medium	0.09	55.48
7	25549	Low	0.08	120.97
8	20228	Not Specified	0.02	500.98
9	19483	Low	0.08	6.48
10	24782	High	0.01	90.24
11	24563	Critical	0.07	6.48
12	24564	Critical	0.01	4.84
13	24565	Critical	0.1	85.99
14	21866	High	0.05	12.28
15	20876	Medium	0.08	140.98
16	20877	Medium	0.1	286.85
17	22241	Critical	0.06	15.57
18	21776	Critical	0.06	9.48
19	23328	High	0.04	10.98
20	24844	Medium	0.09	78.69
21	24846	Medium	0.08	3.28

24 COLUMNS, 999+ ROWS Column profiling based on top 1000 rows

PREVIEW DOWNLOADED AT 1:43 PM

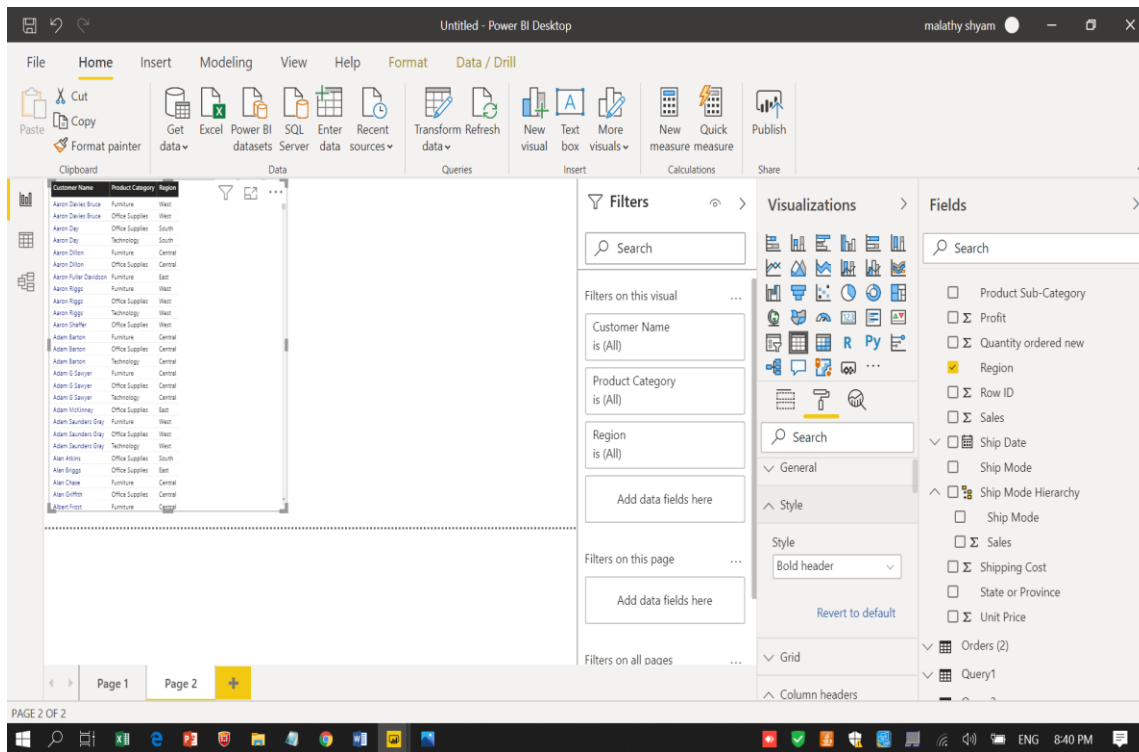
APPLIED STEPS

- Source
- Navigation
- Promoted Headers
- Changed Type
- Removed Blank Rows
- Removed Top Rows
- Promoted Headers1
- Changed Type1

3) Create a text table and show the sales in terms of Customers, Product Category, Regions

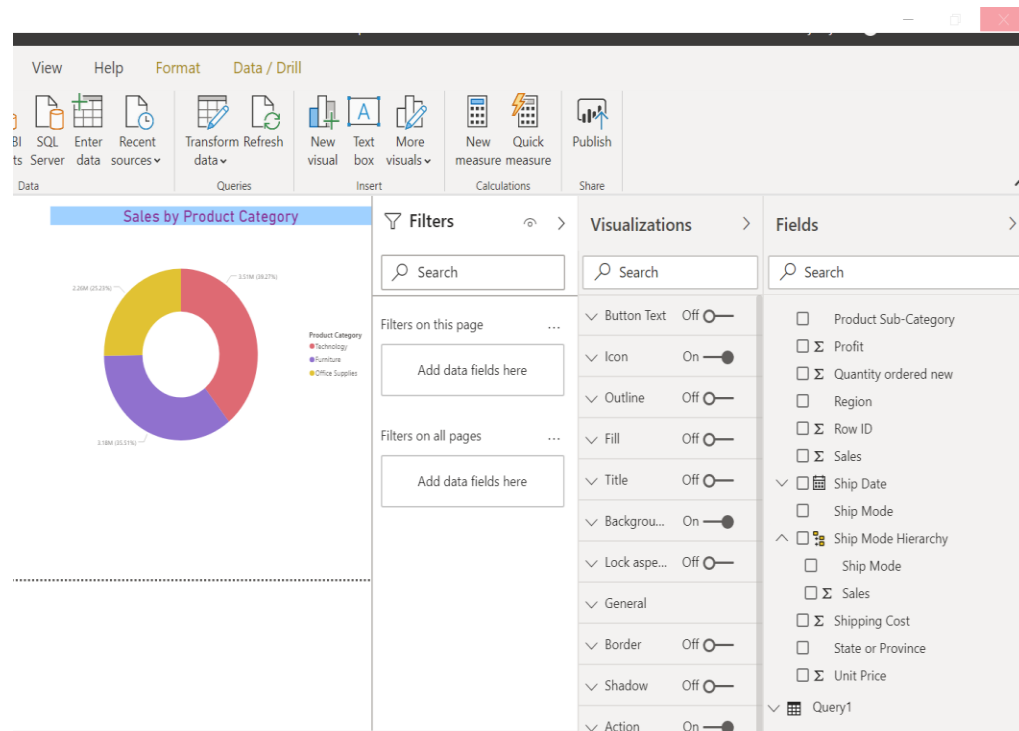
- After doing above steps click close and apply button .So our changes will be affected on tables.
- Then we back to get Power BI Desktop.
- From Left hand side, select **Report view**
- Then select **tables (double click on table)** from **visualization** in right hand side.
- Then a text table format will be appeared on report view.
- Drag and drop customer name, Product Category, Regions from the tables to **Values** which is shown just below the **visualization**

Here is the picture of text table:



- **Create a Donut Chart showing sales in terms of Product category**
 - i. Select **Report View**
 - ii. Select **Donut Chart** from **Visualization**
 - iii. Drag and drop **Product category** in to **Legend** section and **Sales** in to **Values** from respective table (order table).
 - iv. We can make changes by selecting filters icon just below the Visualization.

Here is the Donut Chart



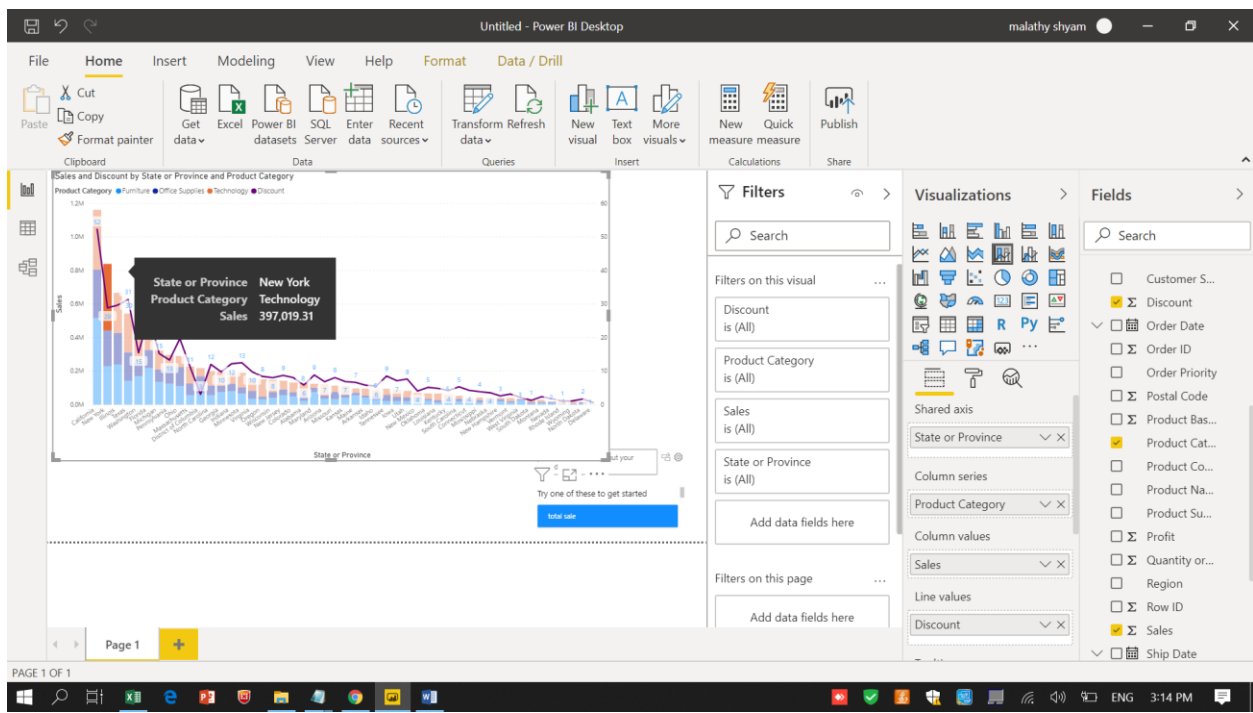
• Create a line and Clustered Column Chart showing the Sales and Discount as per the State or Province – Format the bars and line with different colors – which state has the highest sales in terms Technology

- I. Click on Report view
- II. Select Line and clustered Chart from Visualization
- III. Add state and Province in Shared Axis column
- IV. Drag and drop discount in line values and sales in column value field
- V. Product Category in Column Series
- VI. For formatting, select the line and clustered chart and click on format icon which is situated just below Visualization part.
- VII. From format, select Data color option and change the color as you want.

Which state has the highest sales in terms Technology?

- I. New York has highest sales in terms of Technology and sales is 397,019.31 Million.

Here is the Pictures of Line and Clustered Charts



- Create a Slicer and show the regions in dropdown. See how all the visuals mentioned above behaving when a particular region is selected.

- I. Select (double click) Slicer from Visualization.
- II. Drag and Drop Region column in to Values
- III. Then a slicer will be created and we can select the region as central, south, east, and west.
- IV. According to select the region ,we can get an idea about the sales in each region
- V. Below is the picture of Slicer and I selected the region south. In south Region Florida has highest sales in terms of Technology.

Screen shot of Slicer

