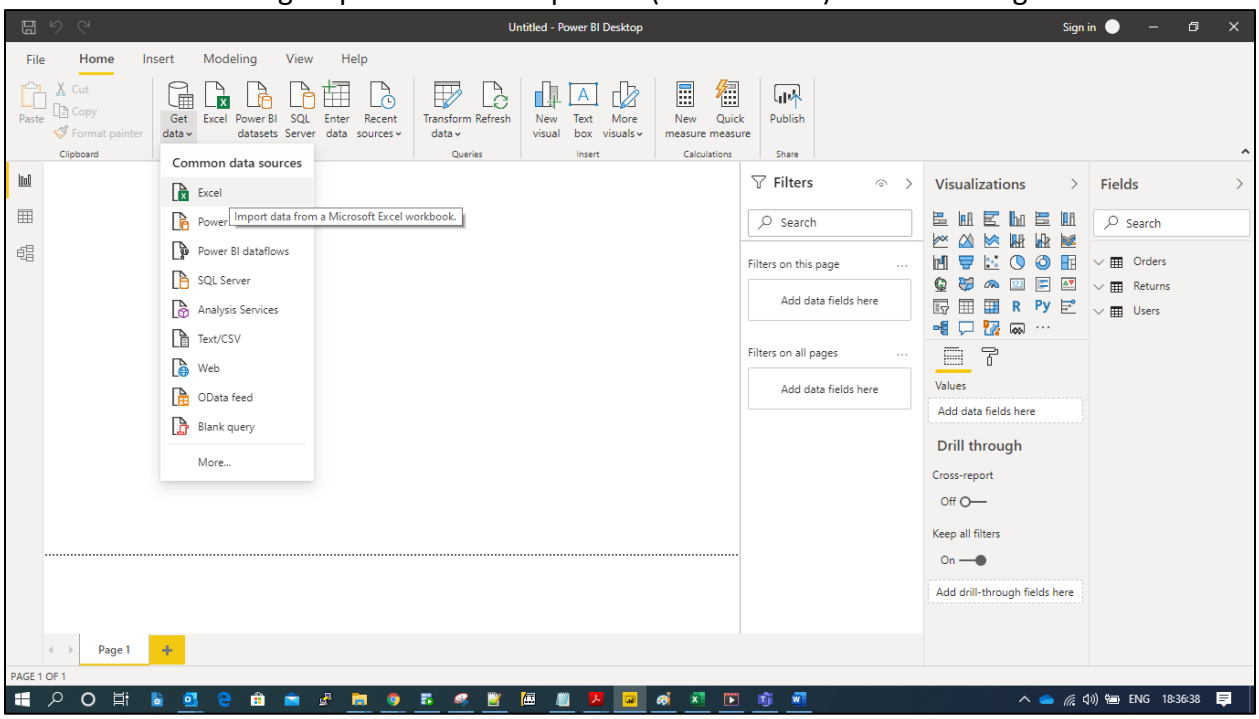
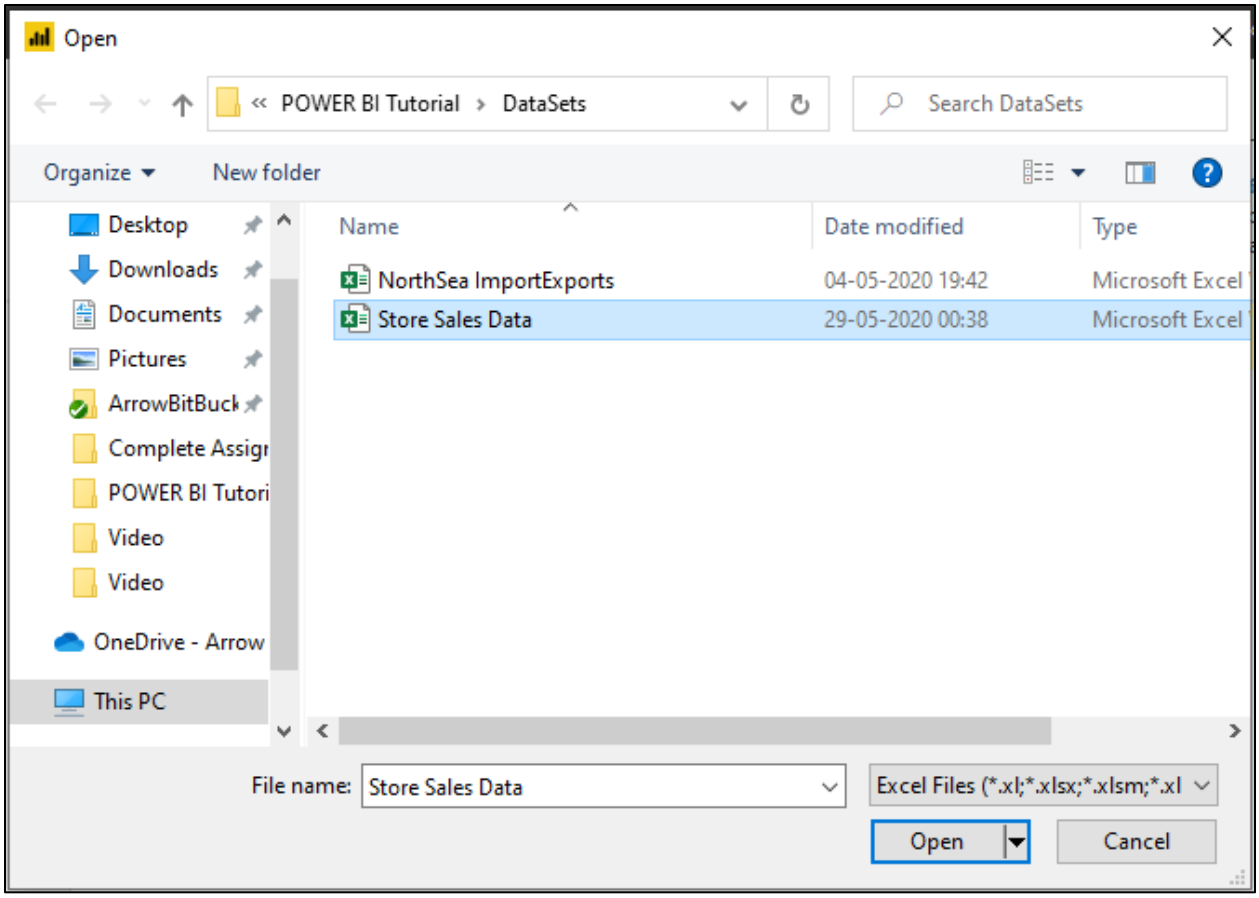
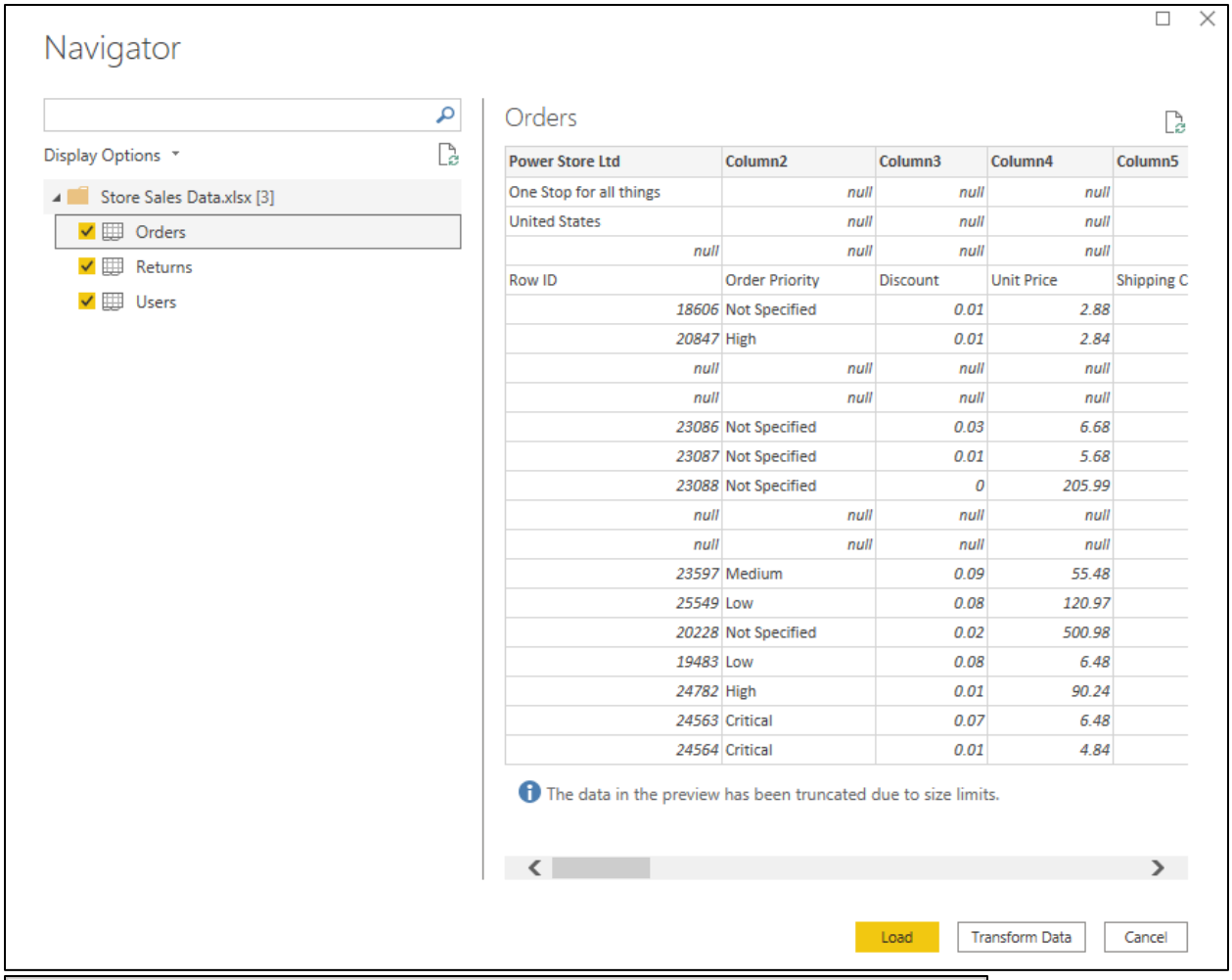
Assignment – 2

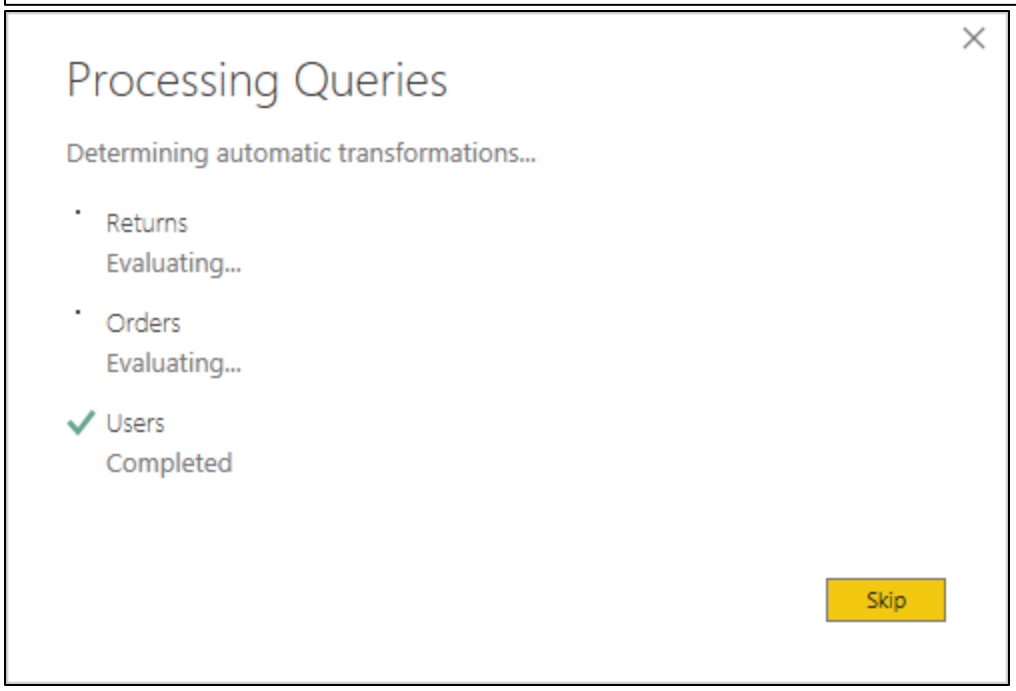
1. **Connect to the Store Sales Data and do the following: -**
   - Remove all the blank rows.
   - Update the column header if they are not updated
   - Create a text table and show the sales in terms of
     - Customers
     - Product Category
     - Regions

Here are the following steps shown in the picture (screen shots) for connecting the data sets:

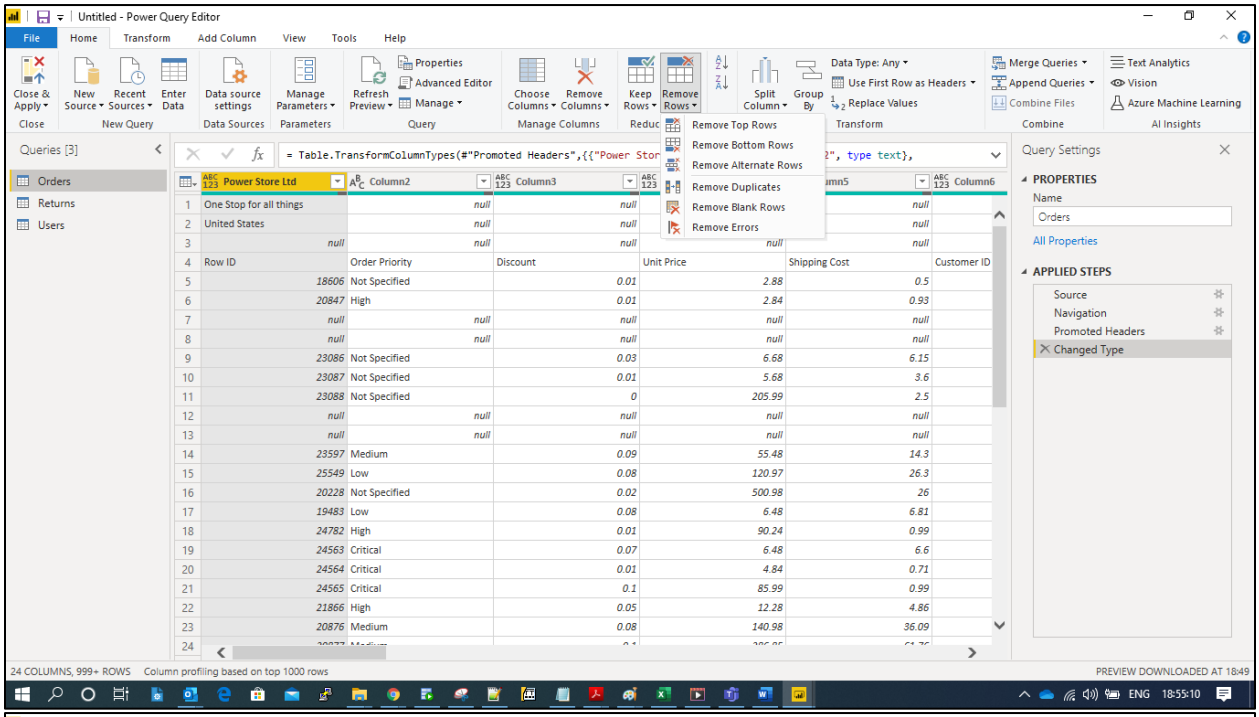


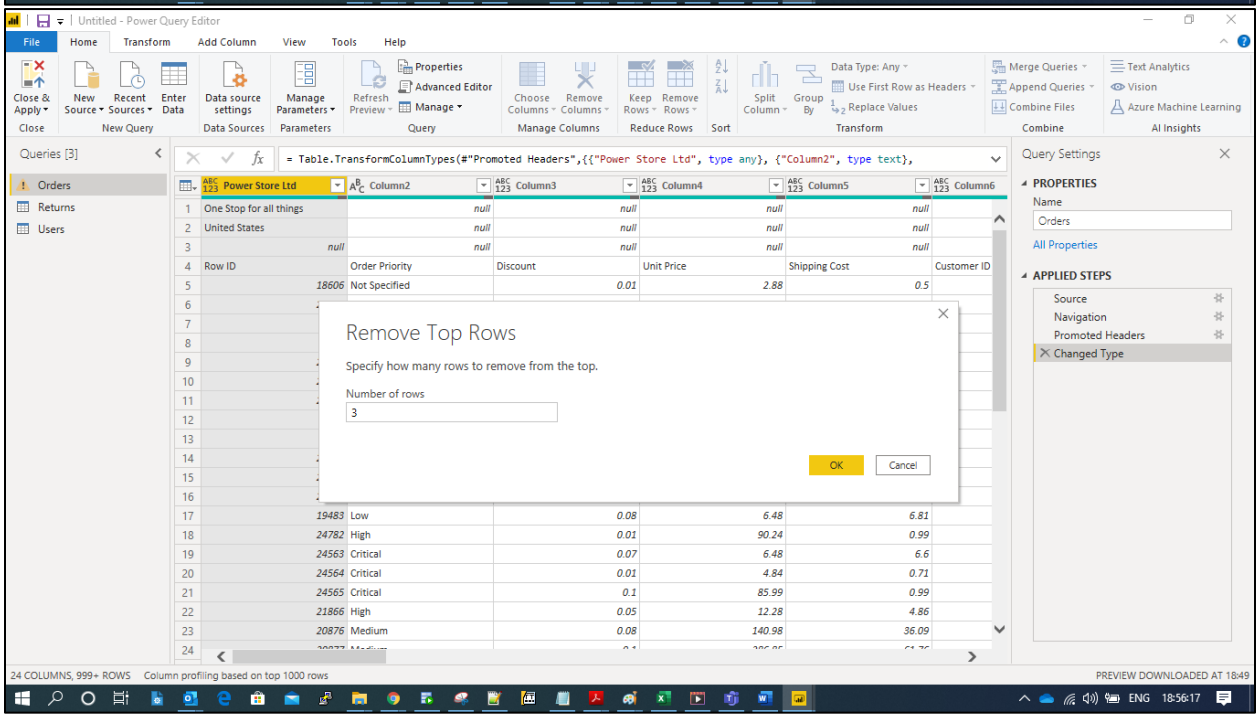

Open
POWER BI Tutorial
DataSets
Search DataSets
Organize
New folder
Desktop
Downloads
Documents
Pictures
ArrowBitBuck
Complete Assigr
POWER BI Tutori
Video
Video
OneDrive - Arrow
This PC
Name
Date modified
Type
NorthSea ImportExports
04-05-2020 19:42
Microsoft Excel
Store Sales Data
29-05-2020 00:38
Microsoft Excel
File name:
Store Sales Data
Excel Files (*.xl;*.xlsx;*.xlsm;*.xl
Open
Cancel

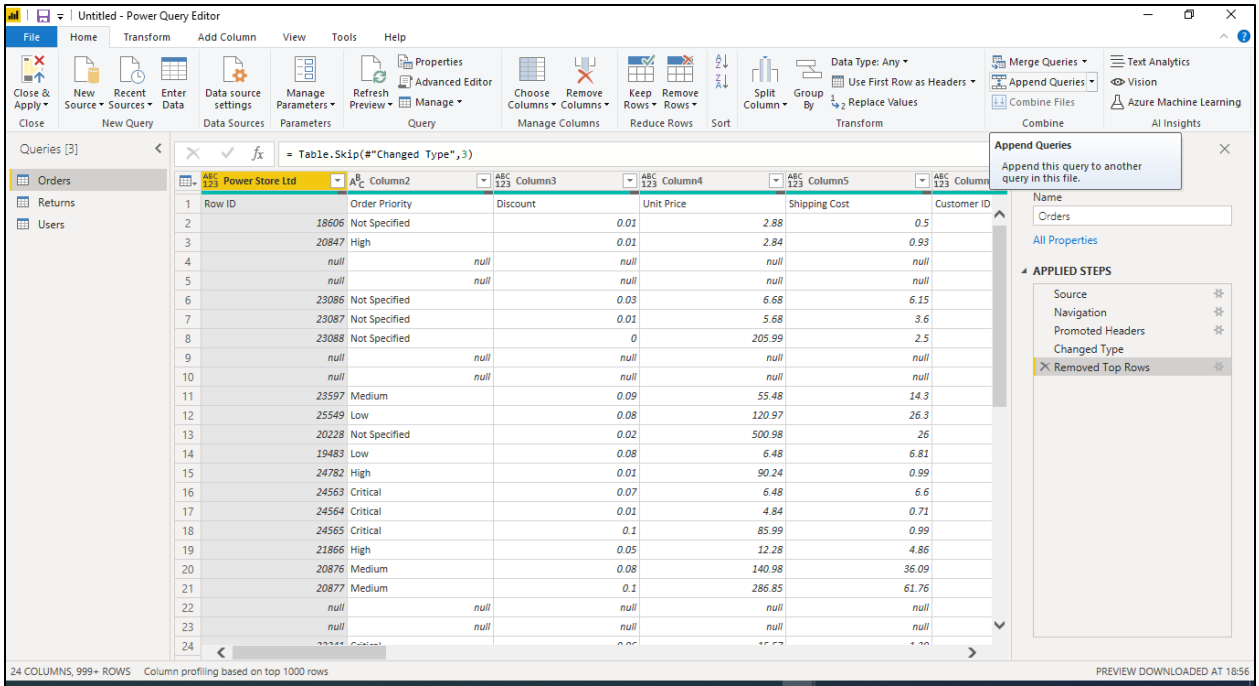

Navigator
Display Options
Store Sales Data.xlsx [3]
Orders
Returns
Users
Orders
Power Store Ltd | Column2 | Column3 | Column4 | Column5
One Stop for all things | null | null | null
United States | null | null | null
null | null | null | null
Row ID | Order Priority | Discount | Unit Price | Shipping C
18606 | Not Specified | 0.01 | 2.88
20847 | High | 0.01 | 2.84
null | null | null | null
null | null | null | null
23086 | Not Specified | 0.03 | 6.68
23087 | Not Specified | 0.01 | 5.68
23088 | Not Specified | 0 | 205.99
null | null | null | null
null | null | null | null
23597 | Medium | 0.09 | 55.48
25549 | Low | 0.08 | 120.97
20228 | Not Specified | 0.02 | 500.98
19483 | Low | 0.08 | 6.48
24782 | High | 0.01 | 90.24
24563 | Critical | 0.07 | 6.48
24564 | Critical | 0.01 | 4.84
The data in the preview has been truncated due to size limits.
Load
Transform Data
Cancel

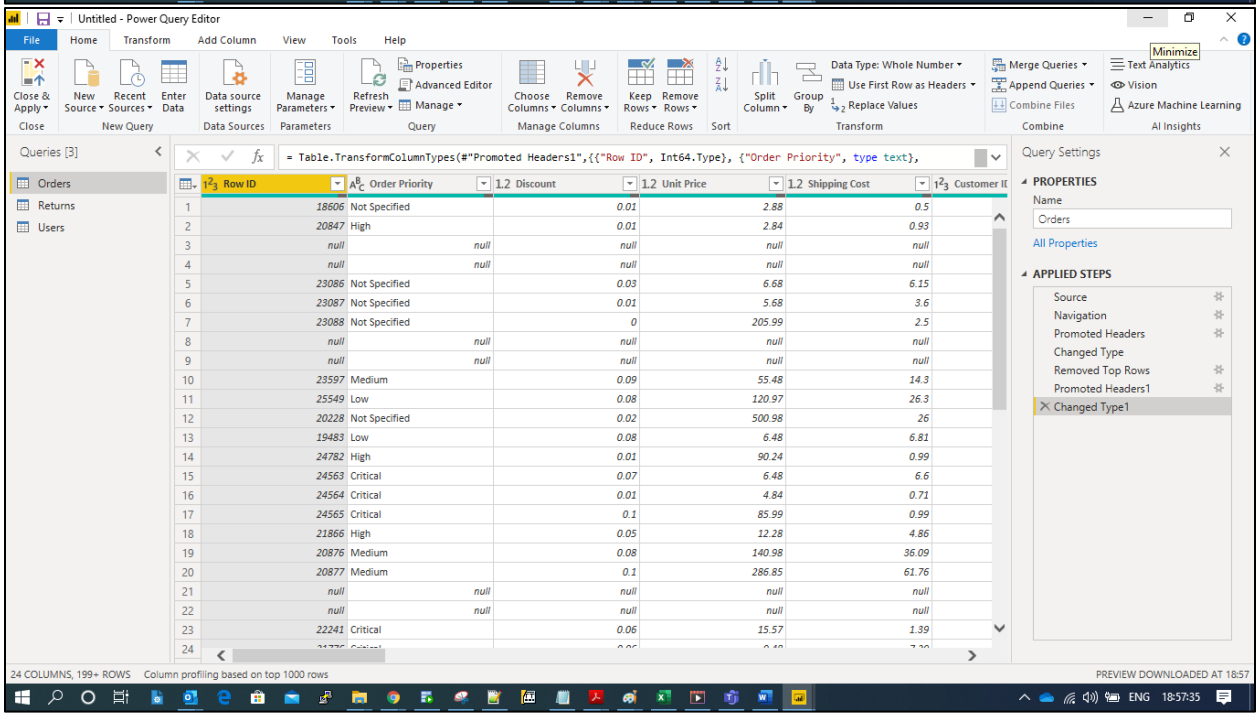

Processing Queries
Determining automatic transformations...
Returns
Evaluating...
Orders
Evaluating...
Users
Completed
Skip

Steps for Removing all the blank rows:

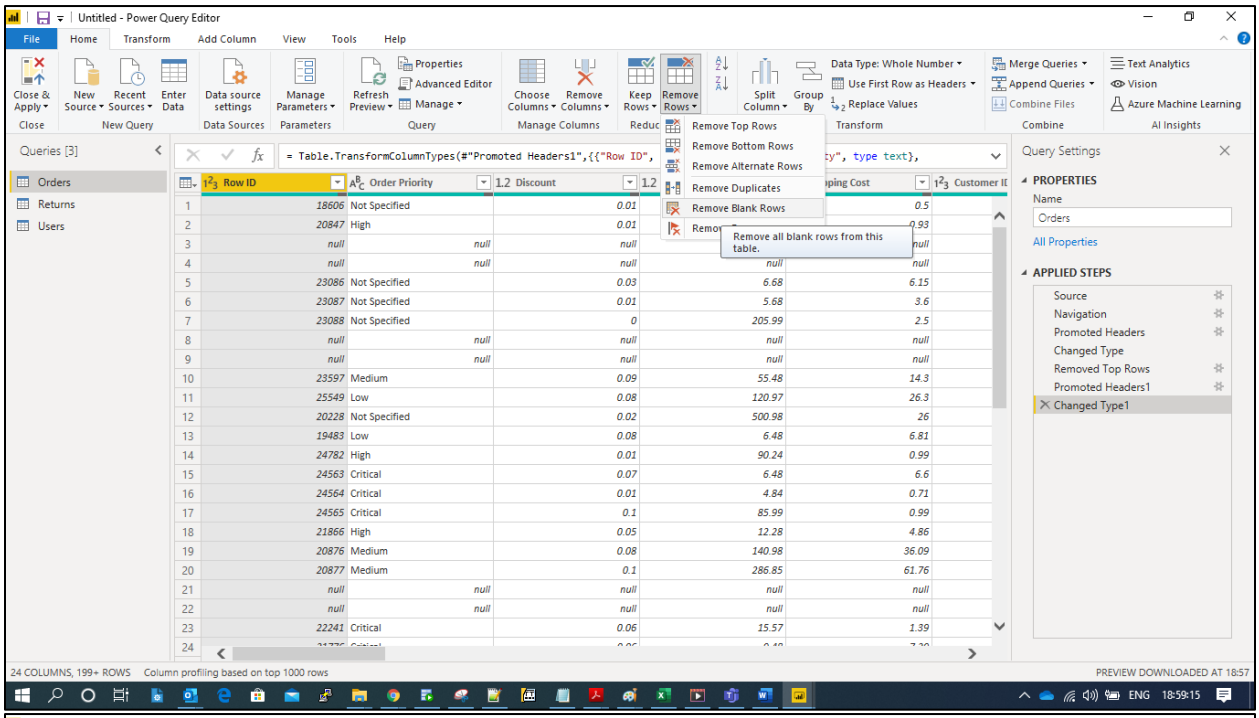


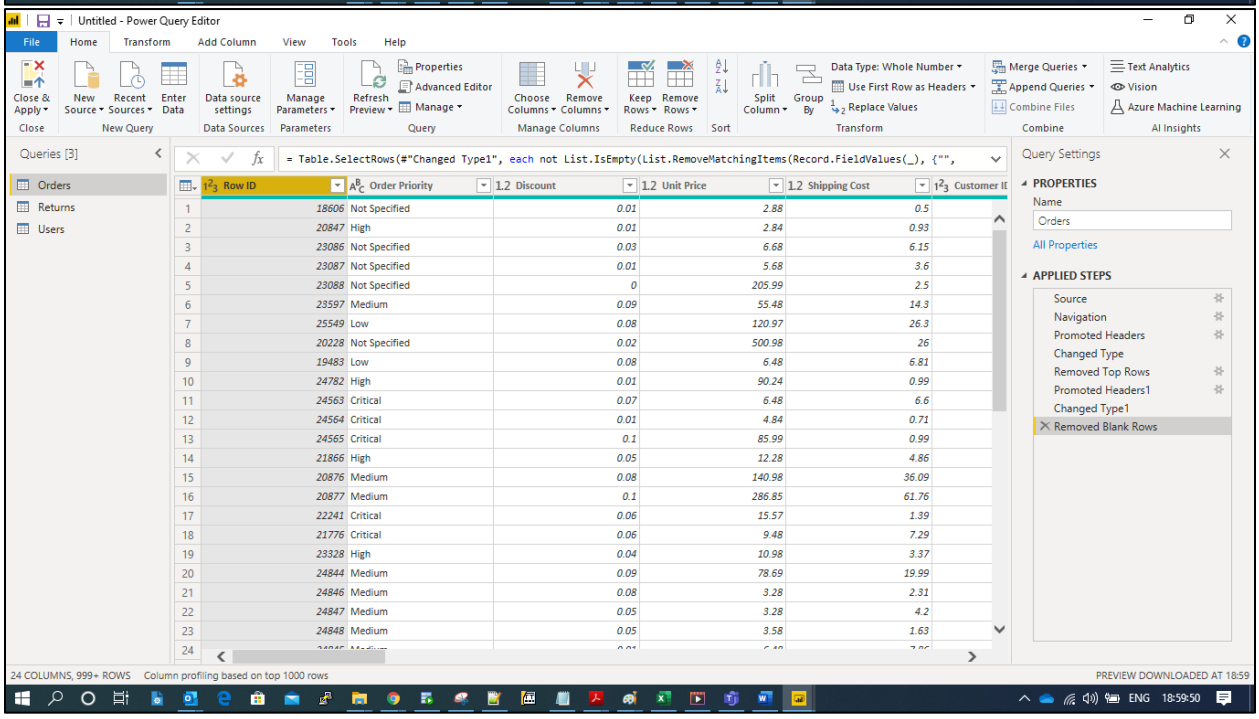


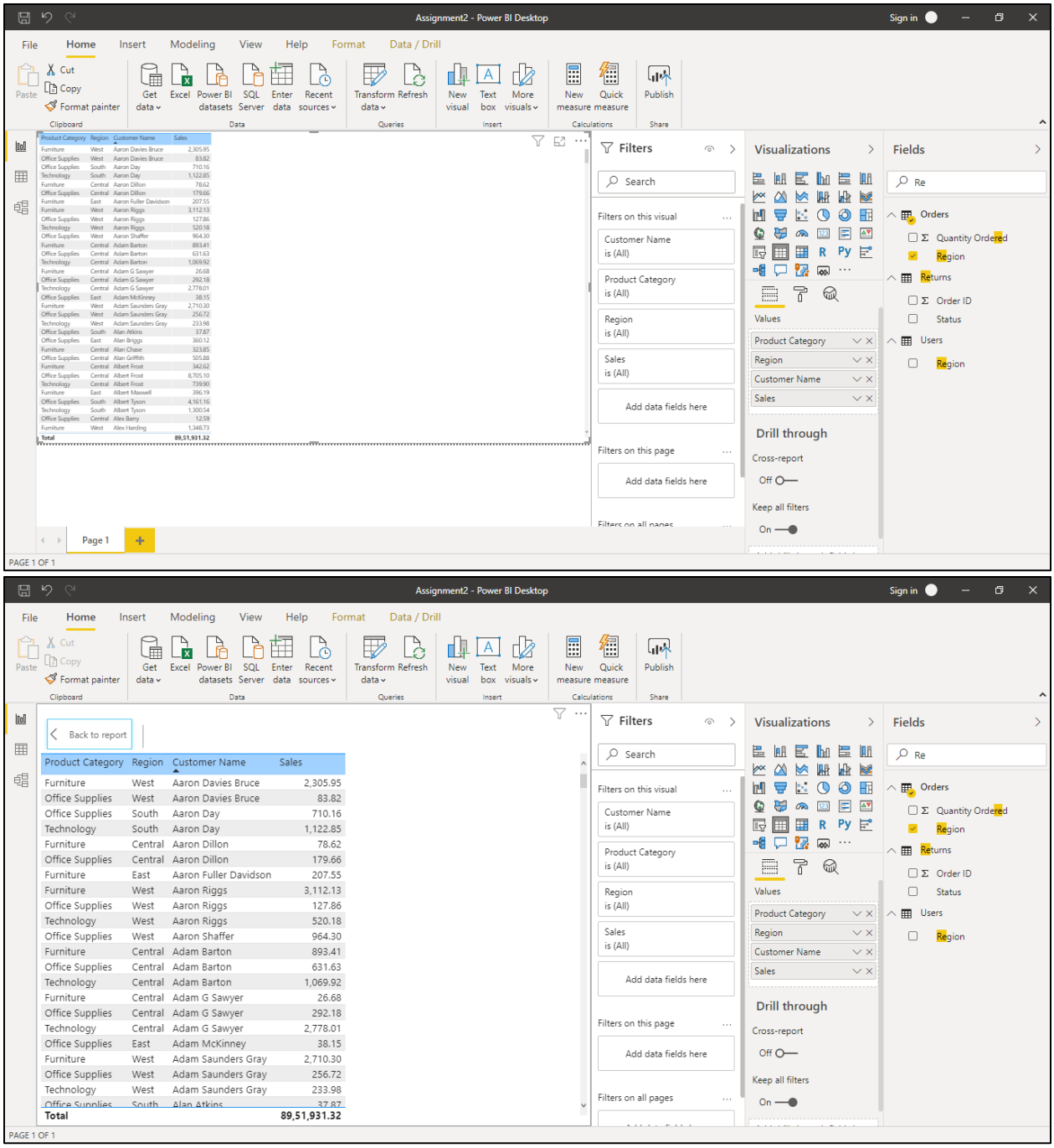

Untitled - Power Query Editor
File
Home
Transform
Add Column
View
Tools
Help
Close & Apply
New Source
Recent Sources
Enter Data
Data source settings
Manage Parameters
Refresh Preview
Properties
Advanced Editor
Manage
Choose Columns
Remove Columns
Keep Rows
Remove Rows
Split Column
Group By
Data Type: Any
Use First Row as Headers
Replace Values
Merge Queries
Append Queries
Combine Files
Text Analytics
Vision
Azure Machine Learning
Close
New Query
Data Sources
Parameters
Query
Manage Columns
Reduce Rows
Sort
Transform
Combine
AI Insights
Append Queries
Append this query to another query in this file.
Queries [3]
Orders
Returns
Users
= Table.Skip(#"Changed Type",3)
Power Store Ltd
Column2
Column3
Column4
Column5
Row ID
Order Priority
Discount
Unit Price
Shipping Cost
Customer ID
Name
Orders
All Properties
APPLIED STEPS
Source
Navigation
Promoted Headers
Changed Type
Removed Top Rows
24 COLUMNS, 999+ ROWS
Column profiling based on top 1000 rows
PREVIEW DOWNLOADED AT 18:56
ENG
18:56:43


Untitled - Power Query Editor
Minimize
File
Home
Transform
Add Column
View
Tools
Help
Close & Apply
New Source
Recent Sources
Enter Data
Data source settings
Manage Parameters
Refresh Preview
Properties
Advanced Editor
Manage
Choose Columns
Remove Columns
Keep Rows
Remove Rows
Split Column
Group By
Data Type: Whole Number
Use First Row as Headers
Replace Values
Merge Queries
Append Queries
Combine Files
Text Analytics
Vision
Azure Machine Learning
Close
New Query
Data Sources
Parameters
Query
Manage Columns
Reduce Rows
Sort
Transform
Combine
AI Insights
Queries [3]
Orders
Returns
Users
= Table.TransformColumnTypes(#"Promoted Headers1",{{"Row ID", Int64.Type}, {"Order Priority", type text},
Row ID
Order Priority
Discount
Unit Price
Shipping Cost
Customer ID
Query Settings
PROPERTIES
Name
Orders
All Properties
APPLIED STEPS
Source
Navigation
Promoted Headers
Changed Type
Removed Top Rows
Promoted Headers1
Changed Type1
24 COLUMNS, 199+ ROWS
Column profiling based on top 1000 rows
PREVIEW DOWNLOADED AT 18:57
ENG
18:57:35

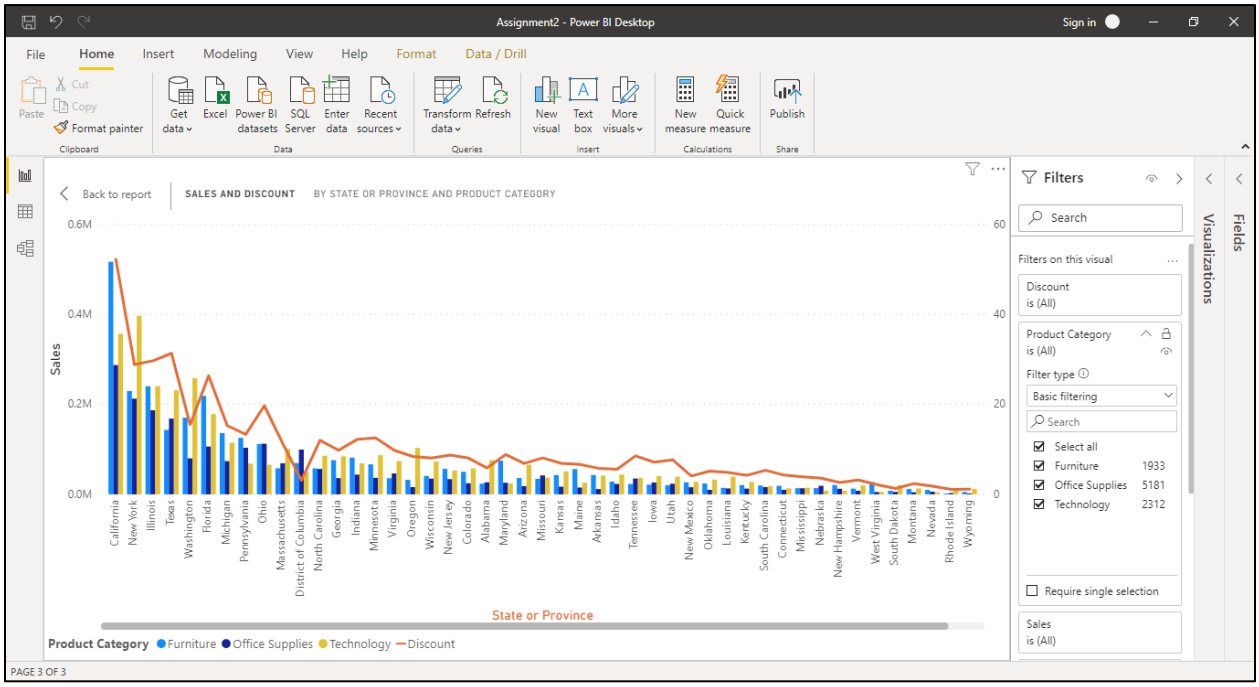
Steps for updating the column header:

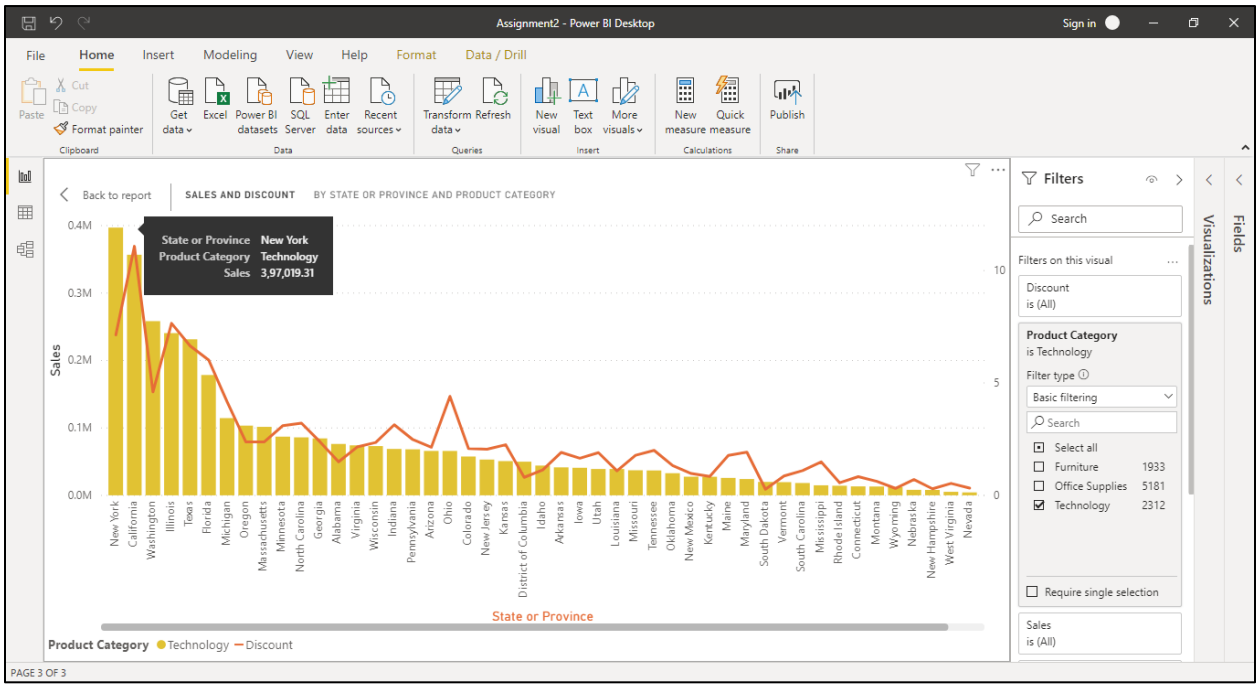




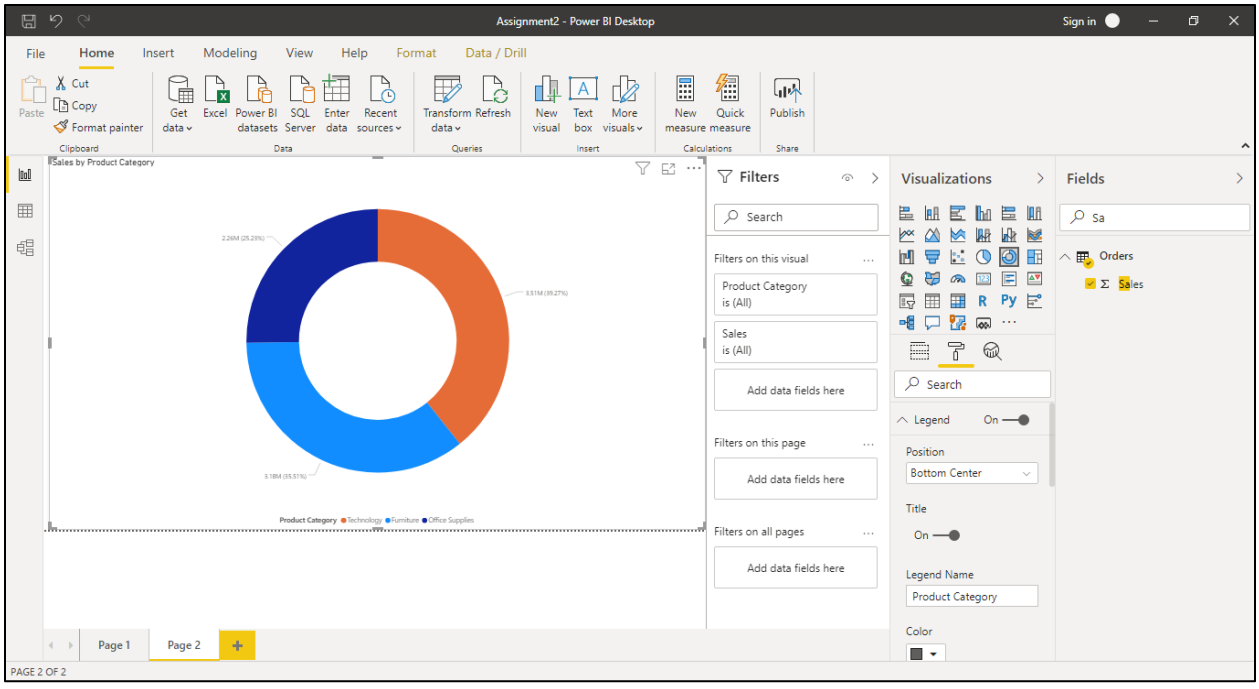


2. **Create a line and** *Clustered Column Chart* **showing the** *Sales and Discount* **as per the State or Province**
   - ➢ Format the bars and line with different colors
   - ➢ Which state has the highest sales in terms Technology

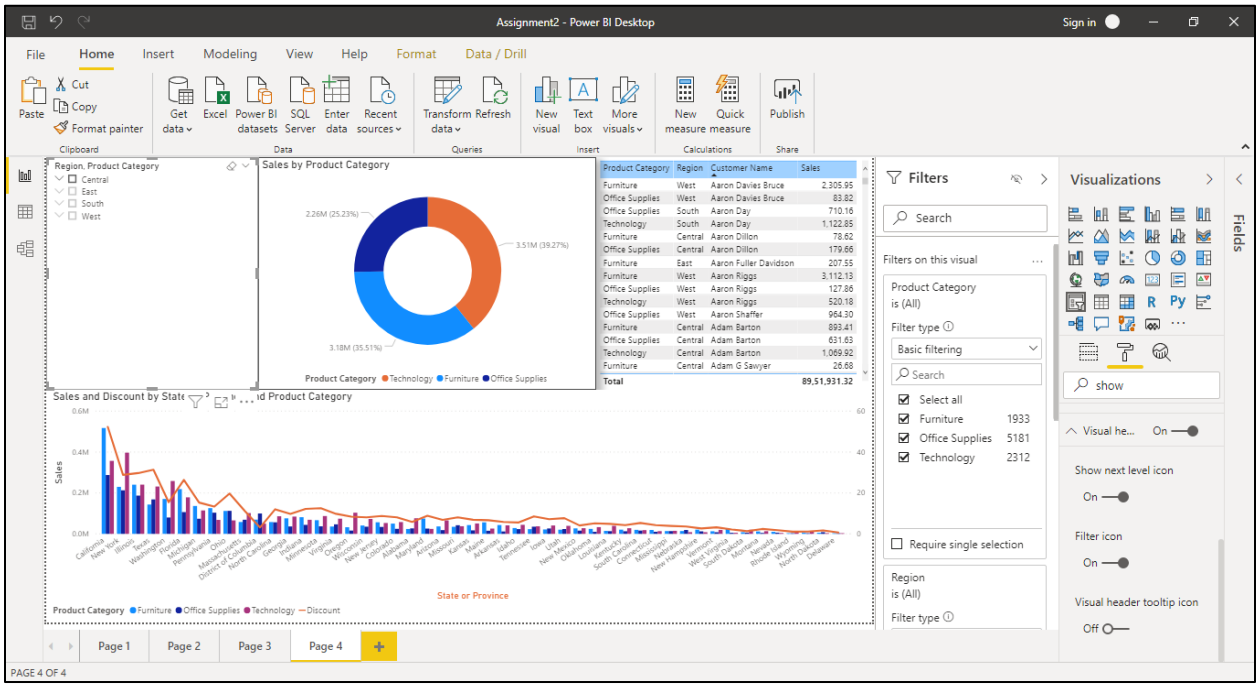


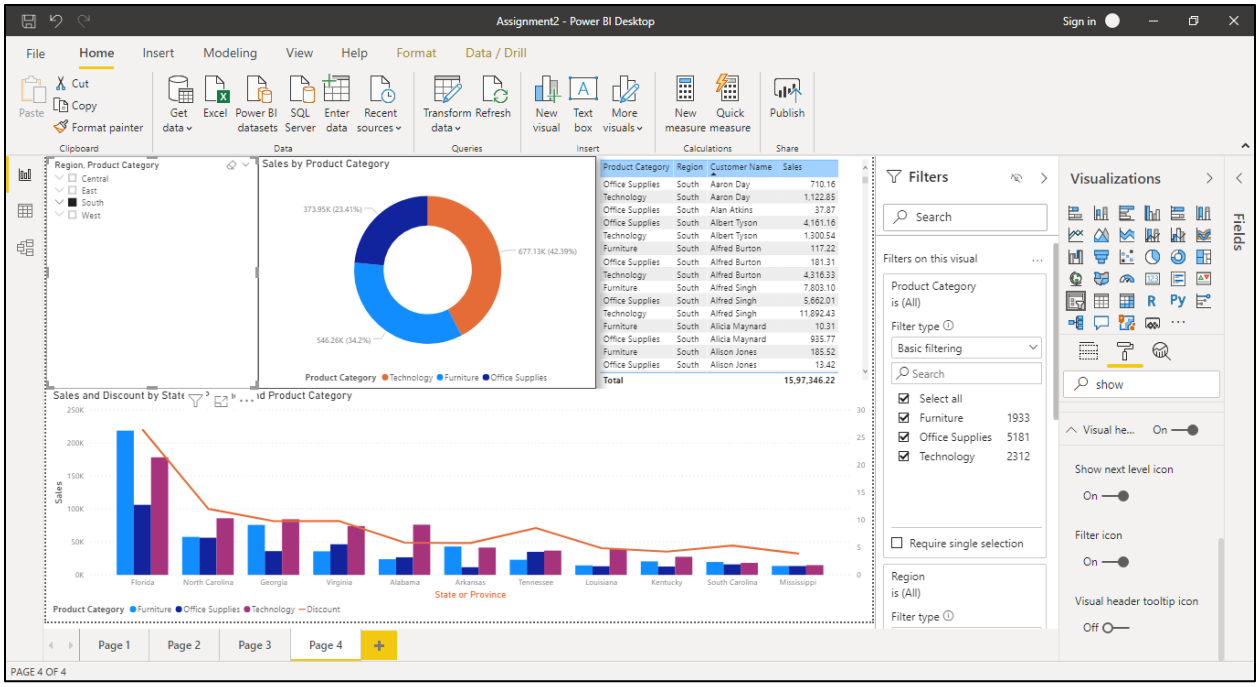


3. Create a *Donut Chart* showing sales in terms of Product category



4. Create a *Slicer* and show the regions in dropdown. See how all the visuals mentioned above behaving when a (particular) specific region is selected.




Assignment2 - Power BI Desktop
Sign in
File
Home
Insert
Modeling
View
Help
Format
Data / Drill
Paste
Cut
Copy
Format painter
Clipboard
Get data
Excel
Power BI datasets
SQL Server
Enter data
Recent sources
Data
Transform data
Refresh
Queries
New visual
Text box
More visuals
Insert
New measure
Quick measure
Calculations
Publish
Share
Region, Product Category
Central
East
South
West
Sales by Product Category
373.95K (23.41%)
677.13K (42.39%)
546.26K (34.2%)
Product Category Technology Furniture Office Supplies
Product Category Region Customer Name Sales
Office Supplies South Aaron Day 710.16
Technology South Aaron Day 1,122.85
Office Supplies South Alan Atkins 37.87
Office Supplies South Albert Tyson 4,161.16
Technology South Albert Tyson 1,300.54
Furniture South Alfred Burton 117.22
Office Supplies South Alfred Burton 181.31
Technology South Alfred Burton 4,316.33
Furniture South Alfred Singh 7,803.10
Office Supplies South Alfred Singh 5,662.01
Technology South Alfred Singh 11,892.43
Furniture South Alicia Maynard 10.31
Office Supplies South Alicia Maynard 935.77
Furniture South Alison Jones 185.52
Office Supplies South Alison Jones 13.42
Total 15,97,346.22
Sales and Discount by State
Product Category
250K
200K
150K
100K
50K
0K
Sales
Florida
North Carolina
Georgia
Virginia
Alabama
Arkansas
Tennessee
Louisiana
Kentucky
South Carolina
Mississippi
State or Province
Product Category Furniture Office Supplies Technology Discount
Page 1
Page 2
Page 3
Page 4
PAGE 4 OF 4
Filters
Search
Filters on this visual
Product Category
is (All)
Filter type
Basic filtering
Search
Select all
Furniture 1933
Office Supplies 5181
Technology 2312
Require single selection
Region
is (All)
Filter type
Visualizations
show
Visual he...
On
Show next level icon
On
Filter icon
On
Visual header tooltip icon
Off
Fields