

Assignment – 2 : Connecting Data

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

– Remove all the blank rows.

The screenshot shows the Power Query Editor interface. The main area displays a table with 24 columns and 999 rows. The columns are: Row ID, Order Priority, Discount, Unit Price, and Customer ID. The first row is 'One Stop for all things' with a null unit price. The second row is 'United States' with a null unit price. The third row is 'Row ID' with a null unit price. The rest of the rows contain numerical data. The 'Remove Blank Rows' option is highlighted in the 'Remove Rows' dropdown menu. The 'Properties' pane on the right shows the query name 'Orders' and the 'Applied Steps' list, which includes 'Removed Blank Rows'.

Row ID	Order Priority	Discount	Unit Price	Customer ID
1	One Stop for all things		null	
2	United States		null	
3	Row ID		null	
4	18606	Not Specified	0.01	2.88
5	20847	High	0.01	2.84
6	23086	Not Specified	0.03	6.68
7	23087	Not Specified	0.01	5.68
8	23088	Not Specified	0	205.99
9	23597	Medium	0.09	55.48
10	25549	Low	0.08	120.97
11	20228	Not Specified	0.02	500.98
12	19483	Low	0.08	6.48
13	24782	High	0.01	90.24
14	24563	Critical	0.07	6.48
15	24564	Critical	0.01	4.84
16	24565	Critical	0.1	85.99
17	21866	High	0.05	12.28
18				4.86

– Update the column header if they are not updated

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 Advanced Editor Choose Columns Remove Columns Keep Rows Remove Rows Split Column Group By Data Type: Any Use First Row as Headers Replace Values

Queries [4] = Table.SelectRows(#"Changed Type", each not List.IsEmpty(List.RemoveMatchingItems(Record.FieldValues(_), {"",

ABC 123	Power Store Ltd	ABC 123	Column2	ABC 123	Column3	ABC 123	Column4	ABC 123	Column5	ABC 123	Column6
1	One Stop for all things										
2	United States										
3	Row ID	Order Priority	Discount	Unit Price	Shipping Cost	Customer ID					
4	18606	Not Specified		0.01	2.88	0.5					
5	20847	High		0.01	2.84	0.93					
6	23086	Not Specified		0.03	6.68	6.15					
7	23087	Not Specified		0.01	5.68	3.6					
8	23088	Not Specified		0	205.99	2.5					
9	23597	Medium		0.09	55.48	14.3					
10	25549	Low		0.08	120.97	26.3					
11	20228	Not Specified		0.02	500.98	26					
12	19483	Low		0.08	6.48	6.81					
13	24782	High		0.01	90.24	0.99					
14	24563	Critical		0.07	6.48	6.6					
15	24564	Critical		0.01	4.84	0.71					
16	24565	Critical		0.1	85.99	0.99					
17	21866	High		0.05	12.28	4.86					
18											

7

- Create a text table and show the sales in terms of
 - o Customers
 - o Product Category
 - o Regions

Assignment2 - Power BI Desktop

File Home Insert Modeling View Help Format Data / Drill

Paste Cut Copy Get data Excel Power BI datasets SQL Server Enter data Recent sources Transform Refresh data Queries New visual Text box More visuals New Quick measure measure Calculations Publish

Back to report

Customer Name	Product Category	Region	Sales
Aaron Davies Bruce	Furniture	West	1
Aaron Davies Bruce	Furniture	West	11
Aaron Davies Bruce	Office Supplies	West	6
Aaron Davies Bruce	Office Supplies	West	7
Aaron Day	Office Supplies	South	17
Aaron Day	Technology	South	21
Aaron Dillon	Furniture	Central	7
Aaron Dillon	Office Supplies	Central	14
Aaron Fuller Davidson	Office Supplies	Central	2
Aaron Fuller Davidson	Furniture	East	6
Aaron Riggs	Furniture	West	21
Aaron Riggs	Office Supplies	West	1
Aaron Riggs	Office Supplies	West	18
Aaron Riggs	Technology	West	1
Aaron Riggs	Technology	West	3
Aaron Shaffer	Office Supplies	West	11
Aaron Shaffer	Office Supplies	West	5
Aaron Shaffer	Office Supplies	West	9
Adam Barton	Furniture	Central	23
Adam Barton	Furniture	Central	7
Adam Barton	Office Supplies	Central	26
Total			

Filters

Search

Filters on this visual

Customer Name is (All)

Product Category is (All)

Region is (All)

Sales is (All)

Add data fields here

Filters on this page

Add data fields here

Filters on all pages

Visualizations

Search

General

Style

Grid

Column headers

Values

Total

Field formatting

Fields

Search

Column23

Column24

Column3

Column4

Column5

Column6

Column8

Column9

Customer

Power Stor...

Product Cat...

Region

Sales

Query1

Returns

Order ID

Status

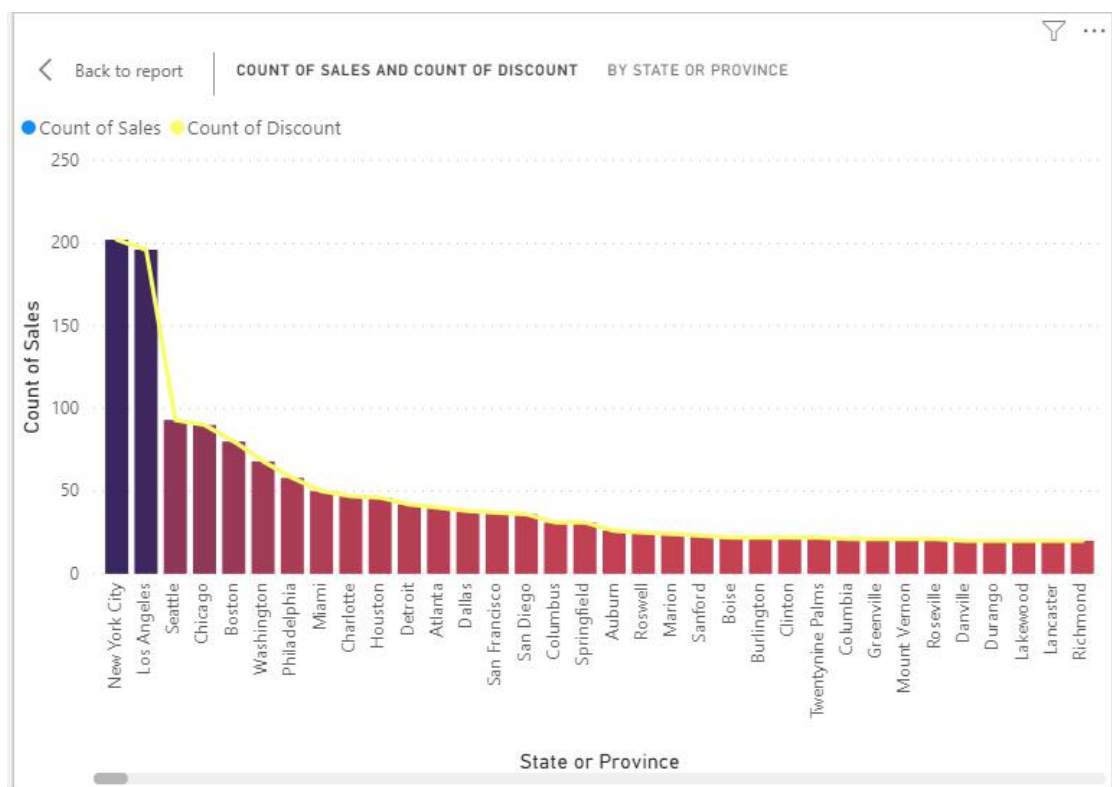
Users

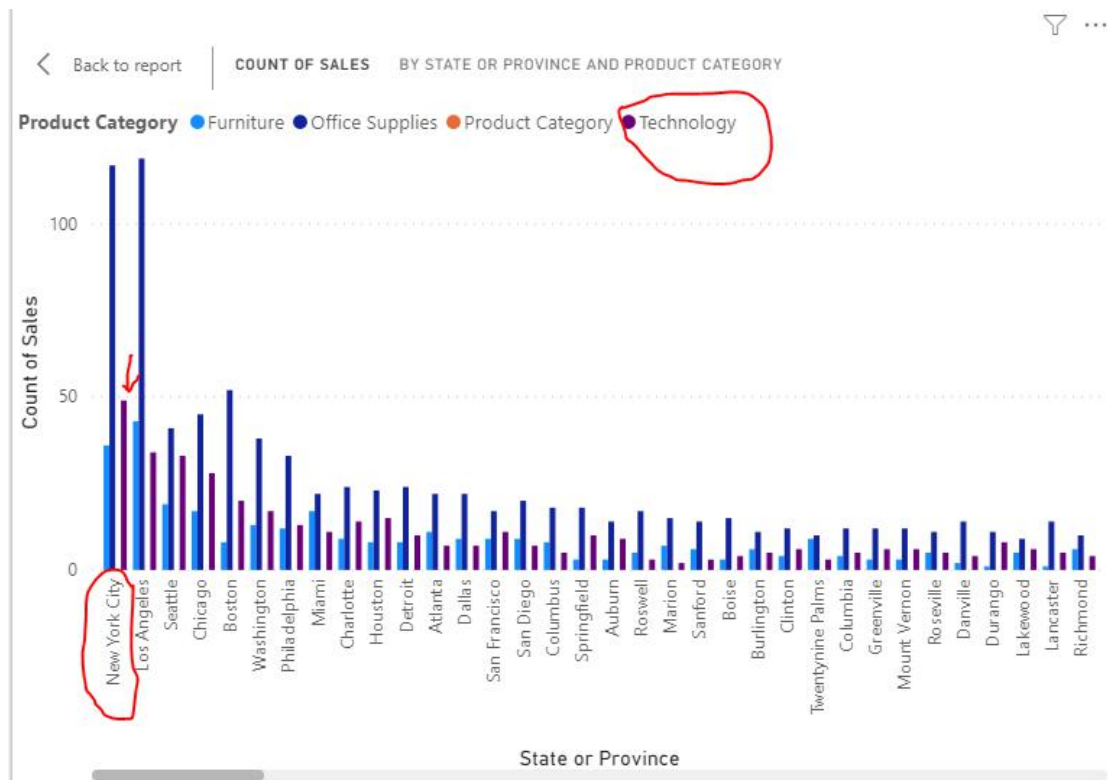
PAGE 2 OF 2

Type here to search

09:29 31/03/2020

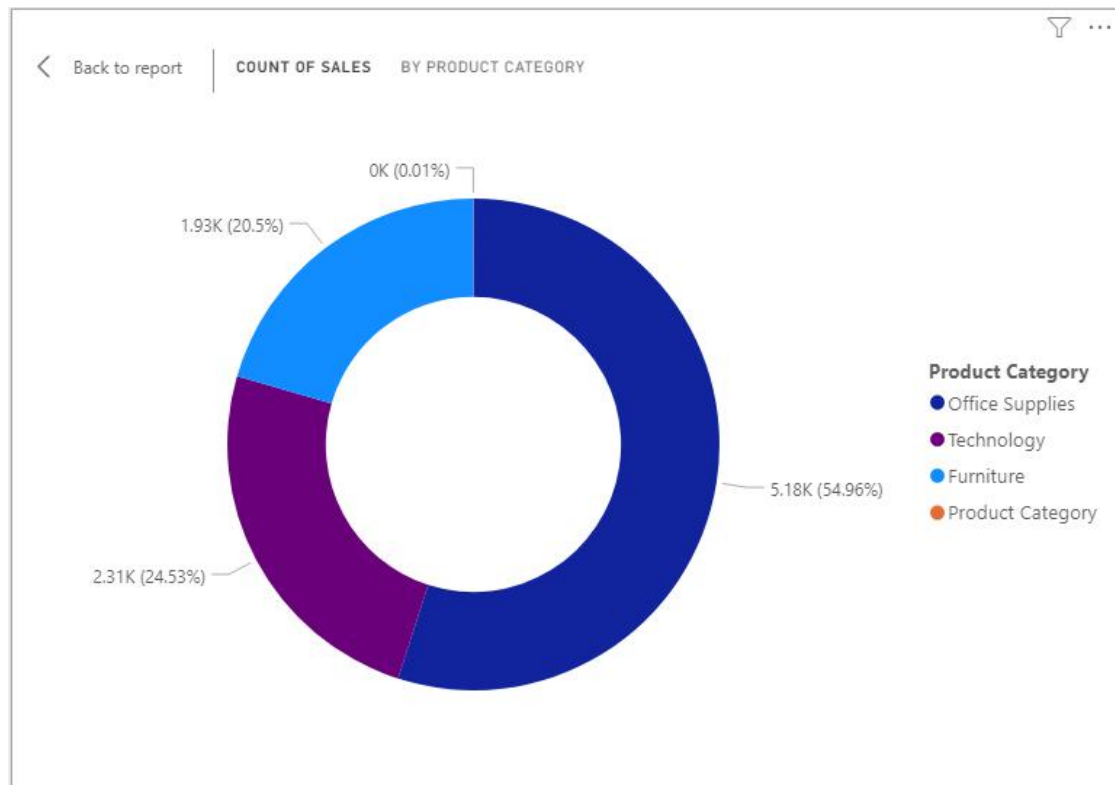
- Create a line and Clustered Column Chart showing the Sales and Discount as per the State or Province – Format the bars and line with different colors – Which state has the highest sales in terms Technology





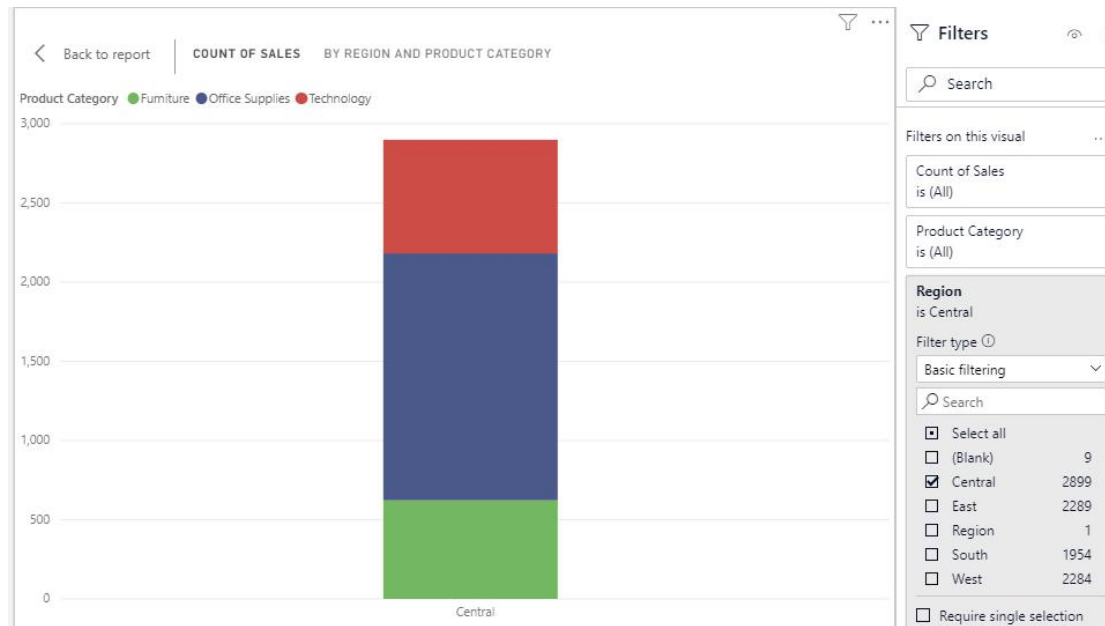
Thus , New York City has the highest sales in terms of Technology.

- Create a Donut Chart showing sales in terms of Product category

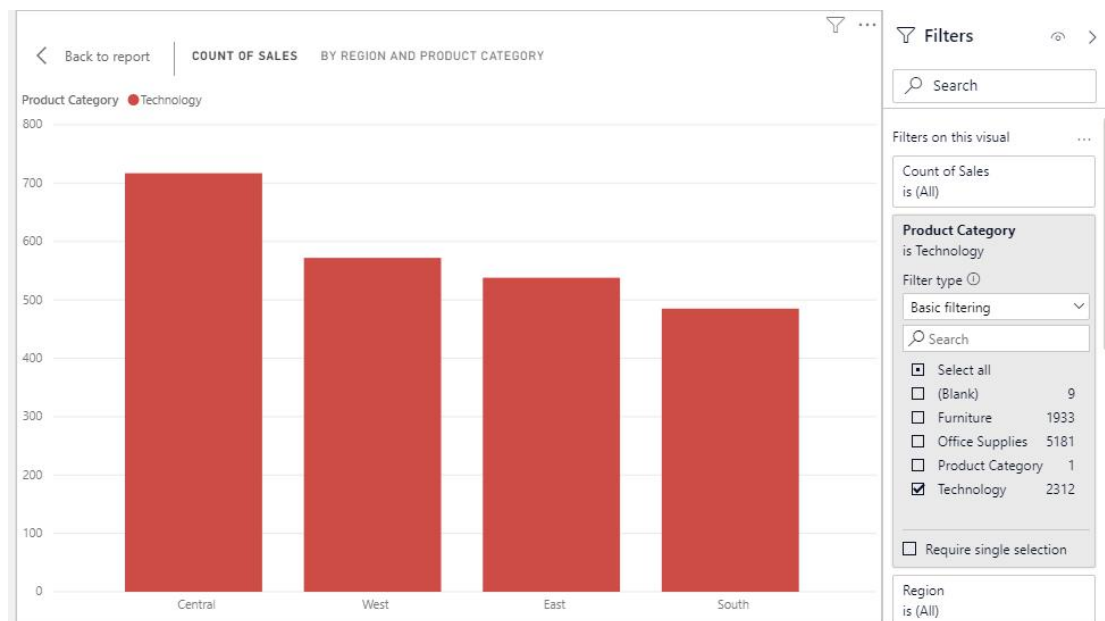


- Create a Slicer and show the regions in dropdown. See how all the visuals mentioned above behaving when a particular region is selected.

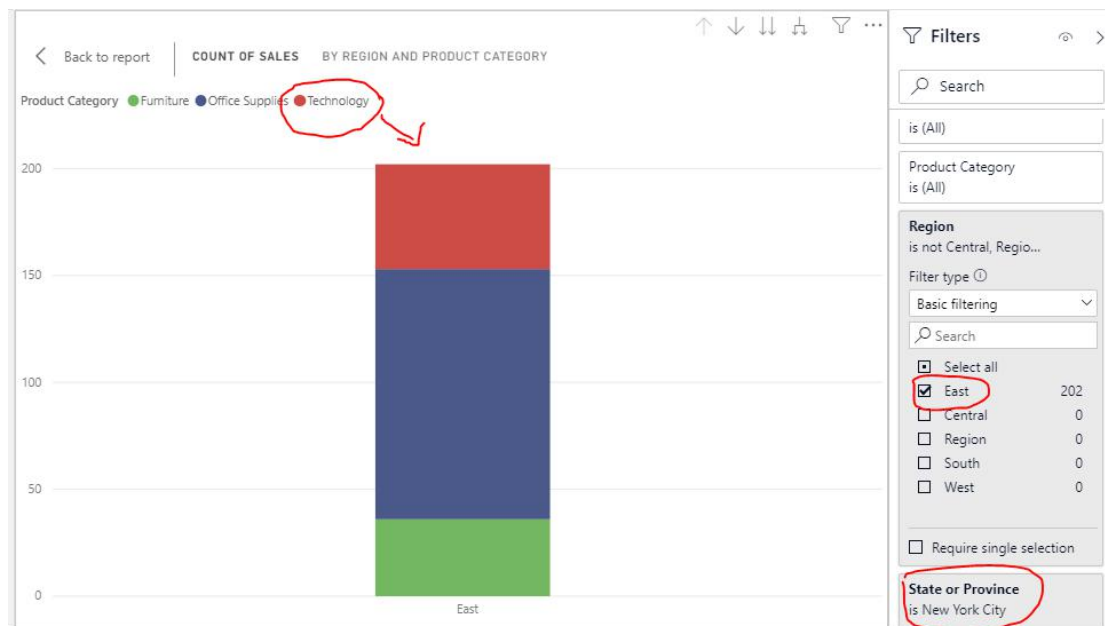




Checked data for central region.



Sales for all / specific regions where Product Category = Technology



Sales where Product category = Technology , Region = East , State or Province =New York City