

## Assignment – 2

- Connect to the Store Sales Data and do the following: -
  - Remove all the blank rows.
  - Update the column header if they are not updated

The screenshot displays the Power Query Editor interface. The main area shows a table with the following columns: Row ID, Order Priority, Discount, Unit Price, Shipping Cost, Customer ID, and Customer Name. The table contains 24 columns and 999+ rows of data. The 'Query Settings' pane on the right shows the 'Applied Steps' list, which includes 'Source', 'Navigation', 'Changed Type', 'Removed Top Rows', 'Promoted Headers', and 'Changed Type1' (selected).

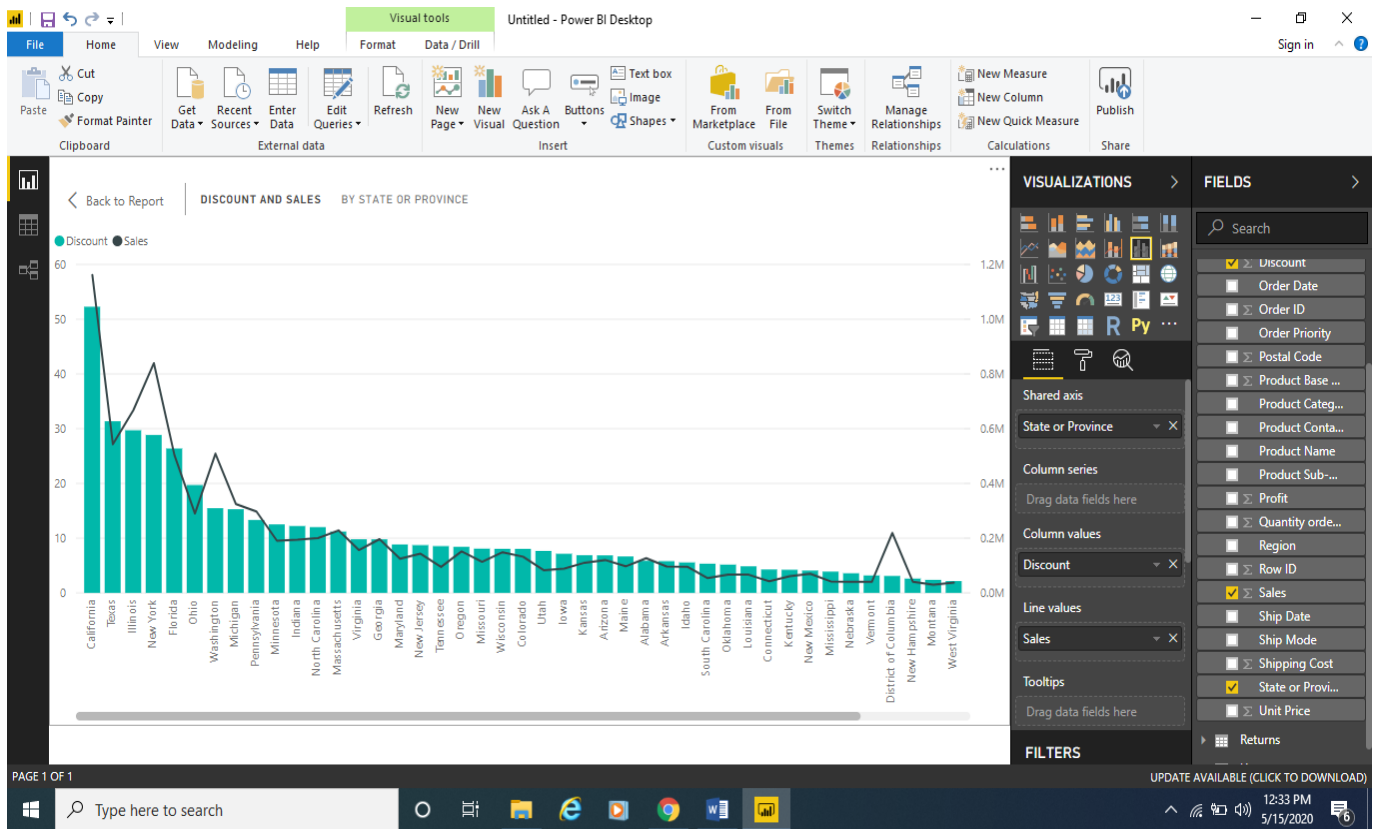
Row ID	Order Priority	Discount	Unit Price	Shipping Cost	Customer ID	Customer Name
1	18606	Not Specified	0.01	2.88	0.5	2 Janice Fletcher
2	20847	High	0.01	2.84	0.93	3 Bonnie Potter
3	null	null	null	null	null	null
4	null	null	null	null	null	null
5	23086	Not Specified	0.03	6.68	6.15	3 Bonnie Potter
6	23087	Not Specified	0.01	5.68	3.6	3 Bonnie Potter
7	23088	Not Specified	0	205.99	2.5	3 Bonnie Potter
8	null	null	null	null	null	null
9	null	null	null	null	null	null
10	23597	Medium	0.09	55.48	14.3	3 Bonnie Potter
11	25549	Low	0.08	120.97	26.3	3 Bonnie Potter
12	20228	Not Specified	0.02	500.98	26	5 Ronnie Proctor
13	19483	Low	0.08	6.48	6.81	5 Ronnie Proctor
14	24782	High	0.01	90.24	0.99	6 Dwight Hwang
15	24563	Critical	0.07	6.48	6.6	6 Dwight Hwang
16	24564	Critical	0.01	4.84	0.71	6 Dwight Hwang
17	24565	Critical	0.1	85.99	0.99	6 Dwight Hwang
18	21866	High	0.05	12.28	4.86	7 Leon Gill
19	20876	Medium	0.08	140.98	36.09	8 Melanie Garner
20	20877	Medium	0.1	286.85	61.76	9 Lorraine Houston
21	null	null	null	null	null	null
22	null	null	null	null	null	null
23	22241	Critical	0.06	15.57	1.39	10 Meredith Norris Thoma

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

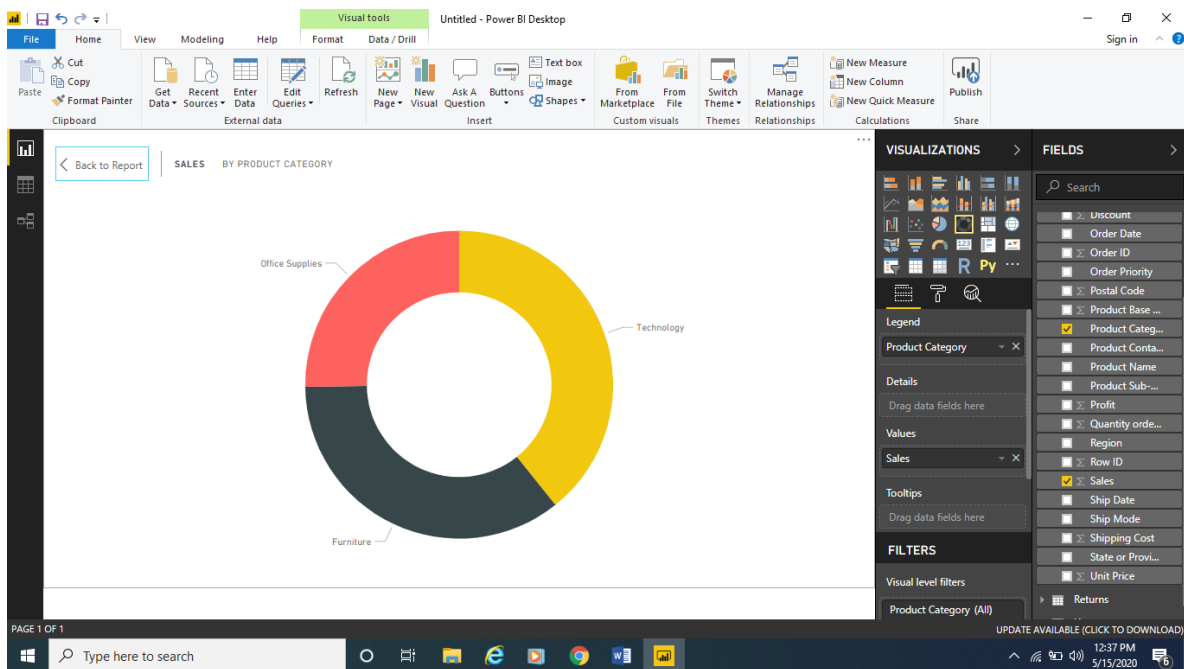
The screenshot shows the Microsoft Power BI Desktop interface. The main area displays a table with customer data. The right-hand side features two panes: 'VISUALIZATIONS' and 'FIELDS'. The 'FIELDS' pane shows a list of fields including 'City', 'Customer ID', 'Customer Name', 'Customer Segment', 'Discount', 'Order Date', 'Order ID', 'Order Priority', 'Postal Code', 'Product Base', 'Product Category', 'Product Contain', 'Product Name', 'Product Subcategory', 'Profit', 'Quantity ordered', 'Region', 'Row ID', 'Sales', and 'Ship Date'. The 'VISUALIZATIONS' pane shows various chart types and filters.

Customer Name	Product Category	Region
Aaron Davies Bruce	Furniture	West
Aaron Davies Bruce	Office Supplies	West
Aaron Day	Office Supplies	South
Aaron Day	Technology	South
Aaron Dillon	Furniture	Central
Aaron Dillon	Office Supplies	Central
Aaron Fuller Davidson	Furniture	East
Aaron Riggs	Furniture	West
Aaron Riggs	Office Supplies	West
Aaron Riggs	Technology	West
Aaron Shaffer	Office Supplies	West
Adam Barton	Furniture	Central
Adam Barton	Office Supplies	Central
Adam Barton	Technology	Central
Adam G Sawyer	Furniture	Central
Adam G Sawyer	Office Supplies	Central
Adam G Sawyer	Technology	Central
Adam McKinney	Office Supplies	East
Adam Saunders Gray	Furniture	West
Adam Saunders Gray	Office Supplies	West
Adam Saunders Gray	Technology	West
Alan Atkins	Office Supplies	South
Alan Briggs	Office Supplies	East

- 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



- 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.

**If south region selected, then it as follows.**

