

## 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
  - 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 the following data:

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

The interface includes a ribbon with tabs: File, Home, Insert, Modeling, View, Help, Format, and Data / Drill. The Data / Drill tab is active, showing options like Get data, Excel, Power BI datasets, SQL, Enter data, Recent sources, Transform data, Refresh data, New visual, Text box, More visuals, New measure, Quick measure, and Publish. The sidebar on the right contains the Filters pane, Visualizations pane, and Fields pane. 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 Margin, Product Category, Product Container, Product Name, Product Sub-Category, Profit, Quantity ordered new, Region, Row ID, Sales, Ship Date, Ship Mode, Shipping Cost, and State or Province.

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 Remove Keep Remove Split Group Data Type: Whole Number Merge Queries Append Queries Combine Files Combine

Close New Query Data Sources Parameters Query Manage Columns Manage Columns Reduce Rows Sort Transform Use First Row as Headers Replace Values

Queries [3]

Table.SelectRows(#"Changed Type1", each not List.IsEmpty(List.RemoveMatchingItems(Record.FieldValues(\_), {"", null})))

Row ID	Order Priority	Discount	Unit Price	Shipping Cost	Customer ID	Customer Name
1	Not Specified	0.01	2.88	0.5	2	Janice Fletcher
2	High	0.01	2.84	0.93	3	Bonnie Potter
3	Not Specified	0.03	6.68	6.15	3	Bonnie Potter
4	Not Specified	0.01	5.68	3.6	3	Bonnie Potter
5	Not Specified	0	205.99	2.5	3	Bonnie Potter
6	Medium	0.09	55.48	14.3	3	Bonnie Potter
7	Low	0.08	120.97	26.3	3	Bonnie Potter
8	Not Specified	0.02	500.98	26	5	Ronnie Proctor
9	Low	0.08	6.48	6.81	5	Ronnie Proctor
10	High	0.01	90.24	0.99	6	Dwight Hwang
11	Critical	0.07	6.48	6.6	6	Dwight Hwang
12	Critical	0.01	4.84	0.71	6	Dwight Hwang
13	Critical	0.1	85.99	0.99	6	Dwight Hwang
14	High	0.05	12.28	4.86	7	Leon Gill
15	Medium	0.08	140.98	36.09	8	Melanie Garne
16	Medium	0.1	286.85	61.76	9	Lorraine Houst
17	Critical	0.06	15.57	1.39	10	Meredith Norri
18	Critical	0.06	9.48	7.29	11	Marcus Dunlap
19	High	0.04	10.98	3.37	12	Kara Pace
20	Medium	0.09	78.69	19.99	14	Gwendolyn F T
21	Medium	0.08	3.28	2.31	14	Gwendolyn F T
22	Medium	0.05	3.28	4.2	14	Gwendolyn F T
23	Medium	0.05	3.58	1.63	14	Gwendolyn F T
24	Medium	0.01	6.48	7.86	14	Gwendolyn F T
25	Critical	0	4.42	4.99	15	Timothy Reese
26	Medium	0.01	35.94	6.66	15	Timothy Reese
27	Medium	0.03	1.76	0.7	15	Timothy Reese
28	Medium	0.04	5.98	5.2	15	Timothy Reese

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

PREVIEW DOWNLOADED AT 15:09

15:42 13-05-2020

Query Settings

PROPERTIES

Name

Orders

APPLIED STEPS

Source

Navigation

Promoted Headers

Changed Type

Removed Top Rows

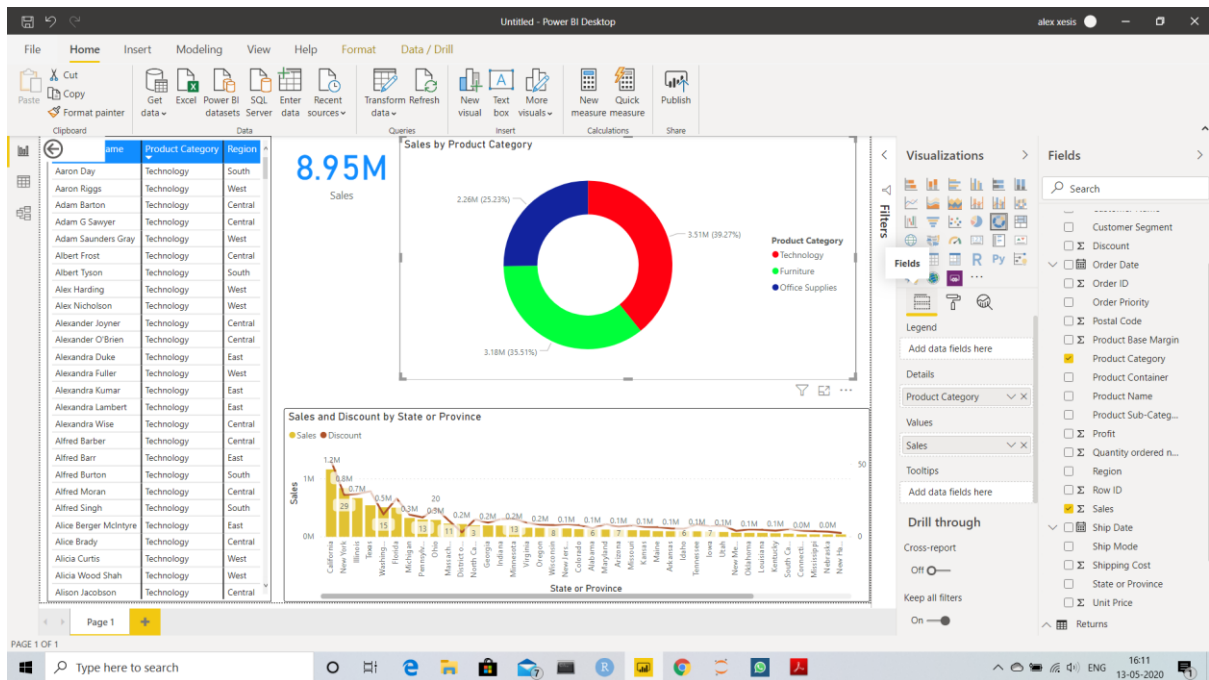
Promoted Headers1

Changed Type1

Removed Blank Rows

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

