
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*
- **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.**

Connect to Store Sales Data

Removed Top 2 Rows

Untitled - Power Query Editor

File Home Transform Add Column View 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: Text Use First Row as Headers Replace Values Merge Queries Append Queries Combine Files

Queries [1] Table.SelectRows(#"Changed Type", each not List.IsEmpty(List.RemoveMatchingItems(Record.FieldValues(_), {"",

Orders

Power Store Ltd Column2 Column3 Column4 Column5 Column6

1 One Stop for all things null null null null null

2 United States null null null null null

3 Row ID Itemer ID

4

5

6

7

8

9

10

11

12

13

14 24563 Critical null 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

Not Specified

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

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9:00 AM 5/10/2020

Remove Top Rows

Specify how many rows to remove from the top.

Number of rows

2

OK Cancel

Query Settings

PROPERTIES

Name

Orders

ALL PROPERTIES

APPLIED STEPS

Source

Navigation

Promoted Headers

Changed Type

Removed Blank Rows

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File Home Transform Add Column View 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 Merge Queries Append Queries Combine Files

Queries [1] Table.SelectRows(#"Changed Type", each not List.IsEmpty(List

Orders

Power Store Ltd Column2 Column3 Column4 Column5 Column6

1 One Stop for all things null null null null null

2 United States null null null null null

3 Row ID Order Priority Discount Unit Price Shipping Cost Customer ID

4 18806 Not Specified 0.01 2.88 0.5

5 20847 High 0.01 3.84 0.93

6 28086 Not Specified 0.03 6.68 6.25

7 25087 Not Specified 0.01 5.68 3.6

8 28088 Not Specified 0 205.99 2.5

9 25597 Medium 0.09 55.48 14.3

10 25549 Low 0.08 120.97 26.1

11 20228 Not Specified 0.02 500.58 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 20876 Medium 0.08 140.58 38.09

19 20877 Medium 0.1 286.85 61.76

20 22241 Critical 0.06 15.57 1.59

21 21776 Critical 0.06 9.48 7.29

22 28328 High 0.04 10.98 3.37

23 24844 Medium 0.09 78.69 18.99

24

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

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Remove Top Rows

Remove Bottom Rows

Remove Alternate Rows

Remove Duplicates

Remove Blank Rows

Remove Errors

Query Settings

PROPERTIES

Name

Orders

ALL PROPERTIES

APPLIED STEPS

Source

Navigation

Promoted Headers

Changed Type

Removed Blank Rows

Untitled - Power Query Editor

File Home Transform Add Column View Help

Close & Apply New Source Recent Sources Enter Data Data source settings Manage Parameters Refresh Preview Advanced Editor Query Choose Columns Remove Columns Keep Rows Remove Rows Sort Split Column Group By Data Type: Any Use First Row as Headers Replace Values Merge Queries Append Queries Combine Files Combine

Queries [1] X ✓ fx = Table.Skip(#"Removed Blank Rows",2)

Orders

Power Store Ltd

Row ID	Order Priority	Discount	Unit Price	Shipping Cost	Customer ID
2	18606 Not Specified	0.01	2.88	0.5	
3	20847 High	0.01	2.84	0.93	
4	23086 Not Specified	0.03	6.68	6.15	
5	23087 Not Specified	0.01	5.68	3.6	
6	23088 Not Specified	0	205.99	2.5	
7	23597 Medium	0.09	55.48	14.3	
8	25549 Low	0.08	120.97	26.3	
9	20228 Not Specified	0.02	500.98	26	
10	19483 Low	0.08	6.48	6.81	
11	24782 High	0.01	90.24	0.99	
12	24563 Critical	0.07	6.48	6.6	
13	24564 Critical	0.01	4.84	0.71	
14	24565 Critical	0.1	85.99	0.99	
15	21866 High	0.05	12.28	4.86	
16	20876 Medium	0.08	140.98	36.09	
17	20877 Medium	0.1	286.85	61.76	

Row ID

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

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9:00 AM 5/10/2020

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File Home Transform Add Column View Help

Close & Apply New Source Recent Sources Enter Data Data source settings Manage Parameters Refresh Preview Advanced Editor Query Choose Columns Remove Columns Keep Rows Remove Rows Sort Split Column Group By Data Type: Whole Number Use First Row as Headers Replace Values Merge Queries Append Queries Combine Files Combine

Queries [1] X ✓ fx = Table.TransformColumnTypes(#"Promoted Headers1",{"Row ID", Int64.Type}, {"Order Priority", type text},

Orders

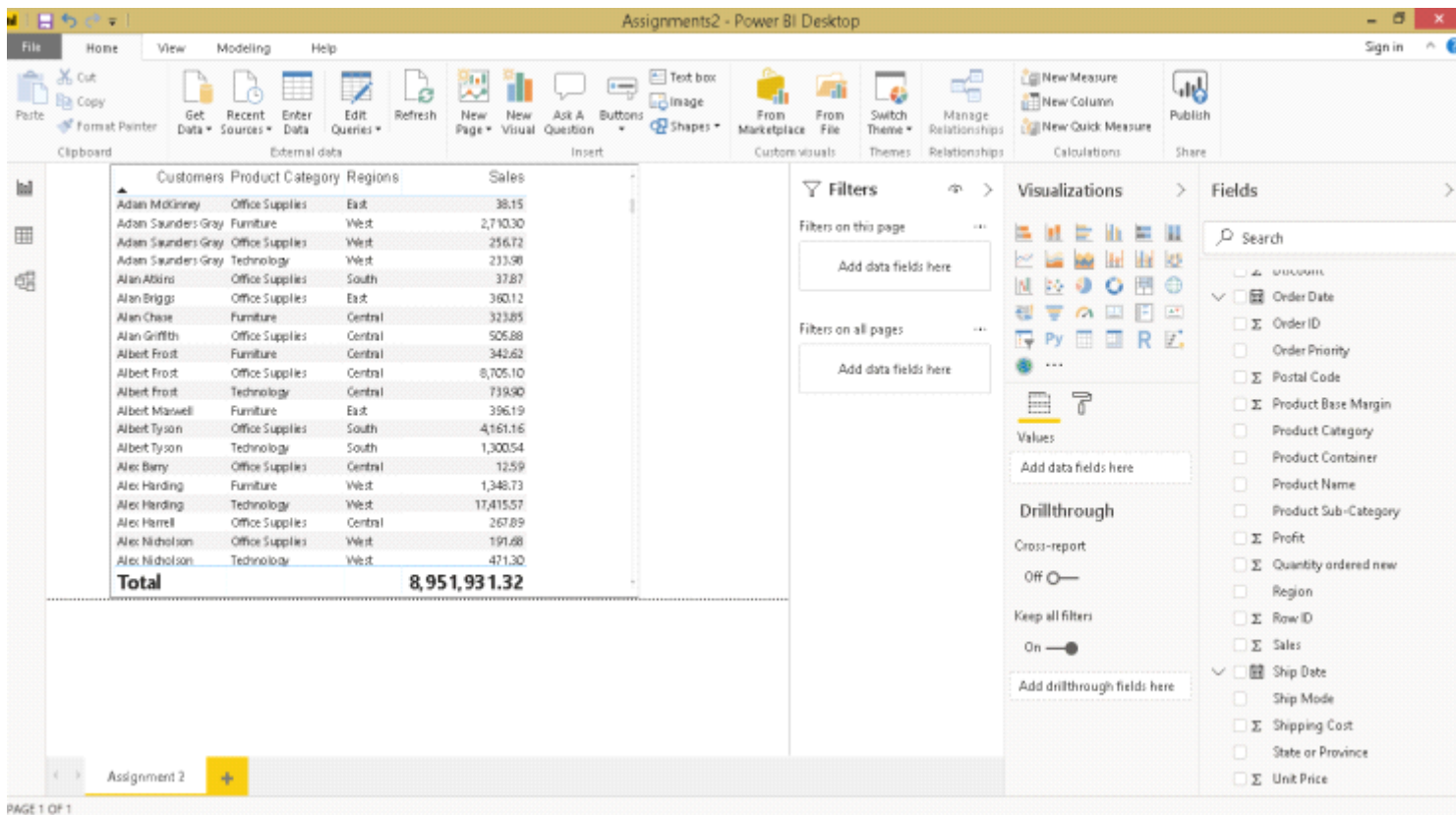
Row ID	Order Priority	Discount	Unit Price	Shipping Cost	Customer ID
1	18606 Not Specified	0.01	2.88	0.5	
2	20847 High	0.01	2.84	0.93	
3	23086 Not Specified	0.03	6.68	6.15	
4	23087 Not Specified	0.01	5.68	3.6	
5	23088 Not Specified	0	205.99	2.5	
6	23597 Medium	0.09	55.48	14.3	
7	25549 Low	0.08	120.97	26.3	
8	20228 Not Specified	0.02	500.98	26	
9	19483 Low	0.08	6.48	6.81	
10	24782 High	0.01	90.24	0.99	
11	24563 Critical	0.07	6.48	6.6	
12	24564 Critical	0.01	4.84	0.71	
13	24565 Critical	0.1	85.99	0.99	
14	21866 High	0.05	12.28	4.86	
15	20876 Medium	0.08	140.98	36.09	
16	20877 Medium	0.1	286.85	61.76	
17	22242 Critical	0.06	15.57	1.39	
18	21776 Critical	0.06	9.48	7.29	
19	23328 High	0.04	10.98	3.37	
20	24844 Medium	0.09	78.69	19.99	
21	24846 Medium	0.08	3.28	2.31	
22	24847 Medium	0.05	3.28	4.2	
23	24848 Medium	0.05	3.58	1.63	

Row ID

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

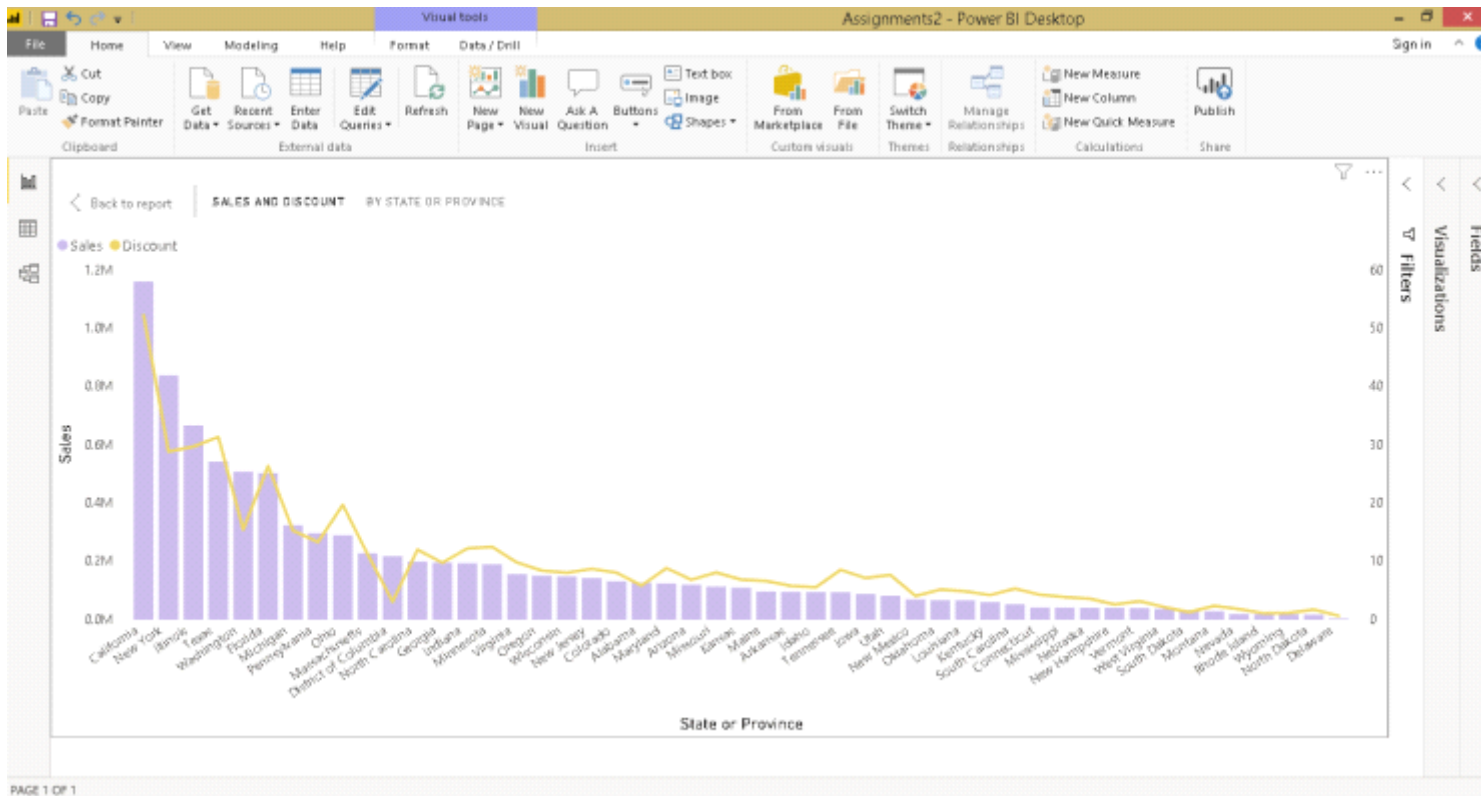
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- Create a text table and show the sales in terms of
 - o Customers
 - o Product Category
 - o Regions

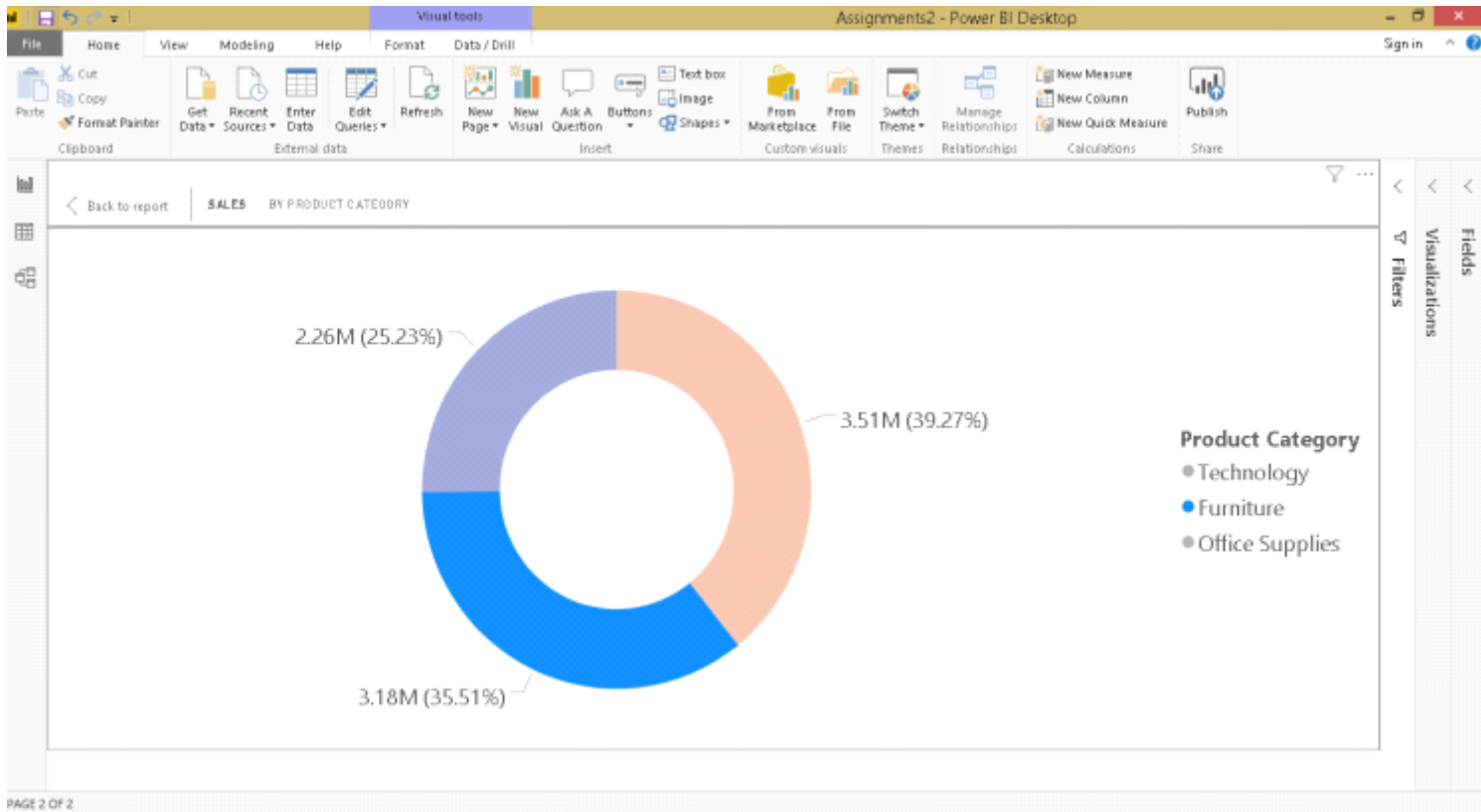


• **Create a line and Clustered Column Chart** showing the Sales and Discount as per the State or Province

- 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.

