

## II Assignment

### I. Remove all the blank rows:

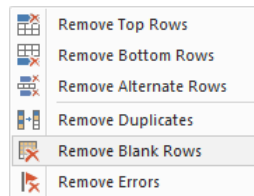
- Before removing the blank rows for order table in store sales data excel workbook:

The screenshot shows the Power Query Editor interface with a data table. The table has columns: Row ID, Order Priority, Discount, Unit Price, Shipping Cost, Customer ID, and Customer Name. The first three rows are highlighted with a black box, indicating they contain null values. A text overlay reads "Data contains blank or null values".

Row ID	Order Priority	Discount	Unit Price	Shipping Cost	Customer ID	Customer Name
1	One Stop for all things	null	null	null	null	null
2	United States	null	null	null	null	null
3	null	null	null	null	null	null
4	Row ID	Order Priority	Discount	Unit Price	Shipping Cost	Customer ID
5	18606	Not Specified	0.01	2.88	0.5	2 Jani
6	20847	High	0.01	2.84	0.93	3 Bor
7	null	null	null	null	null	null
8	null	null	null	null	null	null
9	23086	Not Specified	0.03	6.68	6.15	3 Bor
10	23087	Not Specified	0.01	5.68	3.6	3 Bor
11	23088	Not Specified	0	205.99	2.5	3 Bor
12	null	null	null	null	null	null
13	null	null	null	null	null	null
14	23597	Medium	0.09	55.48	14.3	3 Bor
15	25549	Low	0.08	120.97	26.3	3 Bor
16	20228	Not Specified	0.02	500.98	26	5 Ror
17	19483	Low	0.08	6.48	6.81	5 Ror
18	24782	High	0.01	90.24	0.99	6 Dw
19	24563	Critical	0.07	6.48	6.6	6 Dw
20	24564	Critical	0.01	4.84	0.71	6 Dw
21	24565	Critical	0.1	85.99	0.99	6 Dw
22	21866	High	0.05	12.28	4.86	7 Leo
23	20876	Medium	0.08	140.98	36.09	8 Me
24	20877	Medium	0.1	286.85	61.76	9 Lori
25	null	null	null	null	null	null
26	null	null	null	null	null	null
27	22241	Critical	0.06	15.57	1.39	10 Me
28	21776	Critical	0.06	9.48	7.29	11 Ma
29	23328	High	0.04	10.98	3.37	12 Kar
30	24844	Medium	0.09	78.69	19.99	14 Gw
31	24846	Medium	0.08	3.28	2.31	14 Gw

## II Assignment

- Using Remove blank rows option in reduced rows of home tab as follows, we can remove all blank rows



- After removing blank rows, the data can be represented as

Untitled - Power Query Editor

Row ID	Order Priority	Discount	Unit Price	Shipping Lost	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	23086	Not Specified	0.03	6.68	6.15	3 Bonnie Potter
4	23087	Not Specified	0.01	5.68	3.6	3 Bonnie Potter
5	23088	Not Specified	0	205.99	2.5	3 Bonnie Potter
6	23597	Medium	0.09	55.48	14.3	3 Bonnie Potter
7	25549	Low	0.08	120.97	26.3	3 Bonnie Potter
8	20228	Not Specified	0.02	500.98	26	5 Ronnie Proctor
9	19483	Low	0.08	6.48	6.81	5 Ronnie Proctor
10	24782	High	0.01	90.24	0.99	6 Dwight Hwang
11	24563	Critical	0.07	6.48	6.6	6 Dwight Hwang
12	24564	Critical	0.01	4.84	0.71	6 Dwight Hwang
13	24565	Critical	0.1	85.99	0.99	6 Dwight Hwang
14	21866	High	0.05	12.28	4.86	7 Leon Gill
15	20876	Medium	0.08	140.98	36.09	8 Melanie Garner
16	20877	Medium	0.1	286.85	61.76	9 Lorraine Houston
17	22241	Critical	0.06	15.57	1.39	10 Meredith Norris Thomas
18	21776	Critical	0.06	9.48	7.29	11 Marcus Dunlap
19	23328	High	0.04	10.98	3.37	12 Kara Pace
20	24844	Medium	0.09	78.69	19.99	14 Gwendolyn F Tyson
21	24846	Medium	0.08	3.28	2.31	14 Gwendolyn F Tyson
22	24847	Medium	0.05	3.38	4.3	14 Gwendolyn F Tyson
23	24848	Medium	0.05	3.58	1.63	14 Gwendolyn F Tyson
24	24845	Medium	0.01	6.48	7.86	14 Gwendolyn F Tyson
25	18181	Critical	0	4.42	4.99	15 Timothy Reese
26	20925	Medium	0.01	35.94	6.66	15 Timothy Reese
27	18263	Medium	0.03	1.76	0.7	15 Timothy Reese
28	18554	Medium	0.04	5.98	5.2	15 Timothy Reese
29	22781	Low	0	7.59	4	15 Timothy Reese
30	23287	Low	0.07	4.13	6.89	15 Timothy Reese
31						
32						

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

Query Settings

PROPERTIES

Name

Orders

All Properties

APPLIED STEPS

Source

Navigation

Promoted Head...

Changed Type

Removed Top R...

Removed Blank ...

No blank values

PREVIEW DOWNLOADED ON THURSDAY

## II Assignment

### II. Update the column header if they are not updated:

- Before update the column header for order table in store sales data excel workbook, power query editor looks as follows:

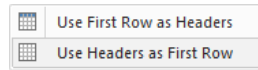
The screenshot displays the Power Query Editor window titled "Untitled - Power Query Editor". The ribbon includes tabs for File, Home, Transform, Add Column, View, Tools, and Help. The "Transform" tab is active, showing options like "Choose Columns", "Remove Columns", "Keep Rows", "Remove Rows", "Split Column", "Group By", "Data Type: Any", "Use First Row as Headers", "Replace Values", "Merge Queries", "Append Queries", and "Combine Files".

The main area shows a table with the following headers: "Row ID", "Order Priority", "Discount", "Unit Price", "Shipping Cost", "Customer ID", and "Customer Name". The "Customer ID" column header is highlighted with a black box, and an arrow points to it with the text: "Column Headers don't contains field names corresponding to field values".

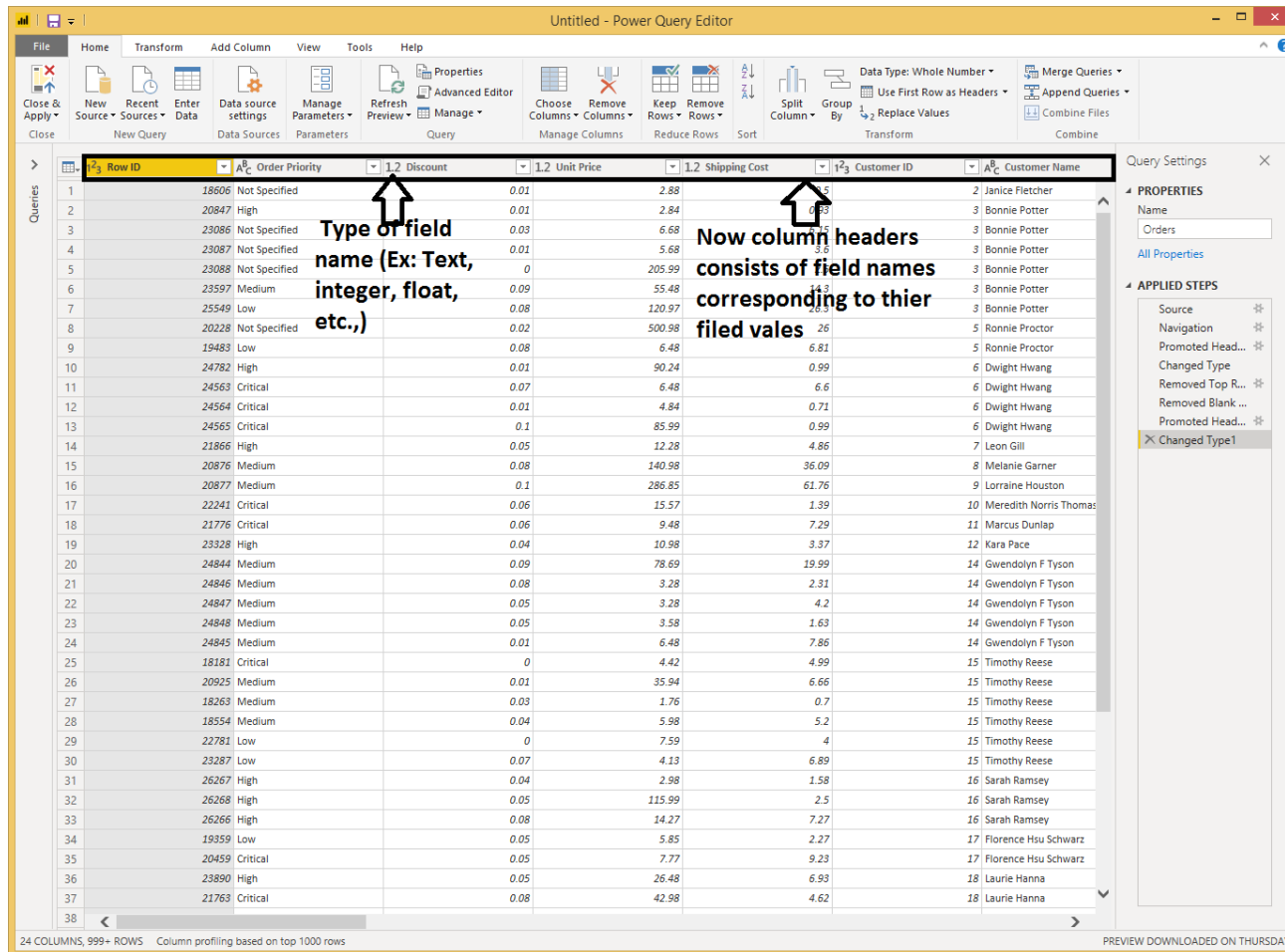
The table contains 36 rows of data. The status bar at the bottom indicates "24 COLUMNS, 999+ ROWS" and "Column profiling based on top 1000 rows". The right sidebar shows "Query Settings" with "PROPERTIES" (Name: Orders) and "APPLIED STEPS" (Source, Navigation, Promoted Head..., Changed Type, Removed Top R..., Removed Blank ...).

## II Assignment

- Using Use First Row as Headers option, we set the column headers from Power Query editor which consists of removed blank content of order table.



- After update the column header for order table in store sales data excel workbook, power query editor looks as follows:



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

PREVIEW DOWNLOADED ON THURSDAY

## II Assignment

### III. A text table that shows the sales in terms of 'Customers, Product Category, Regions':

A text table that shows sales in terms of customers, product category, and region data placed in a csv file (name: II assignment a text table for sales with respect to customer region and product category) attached to this assignment.

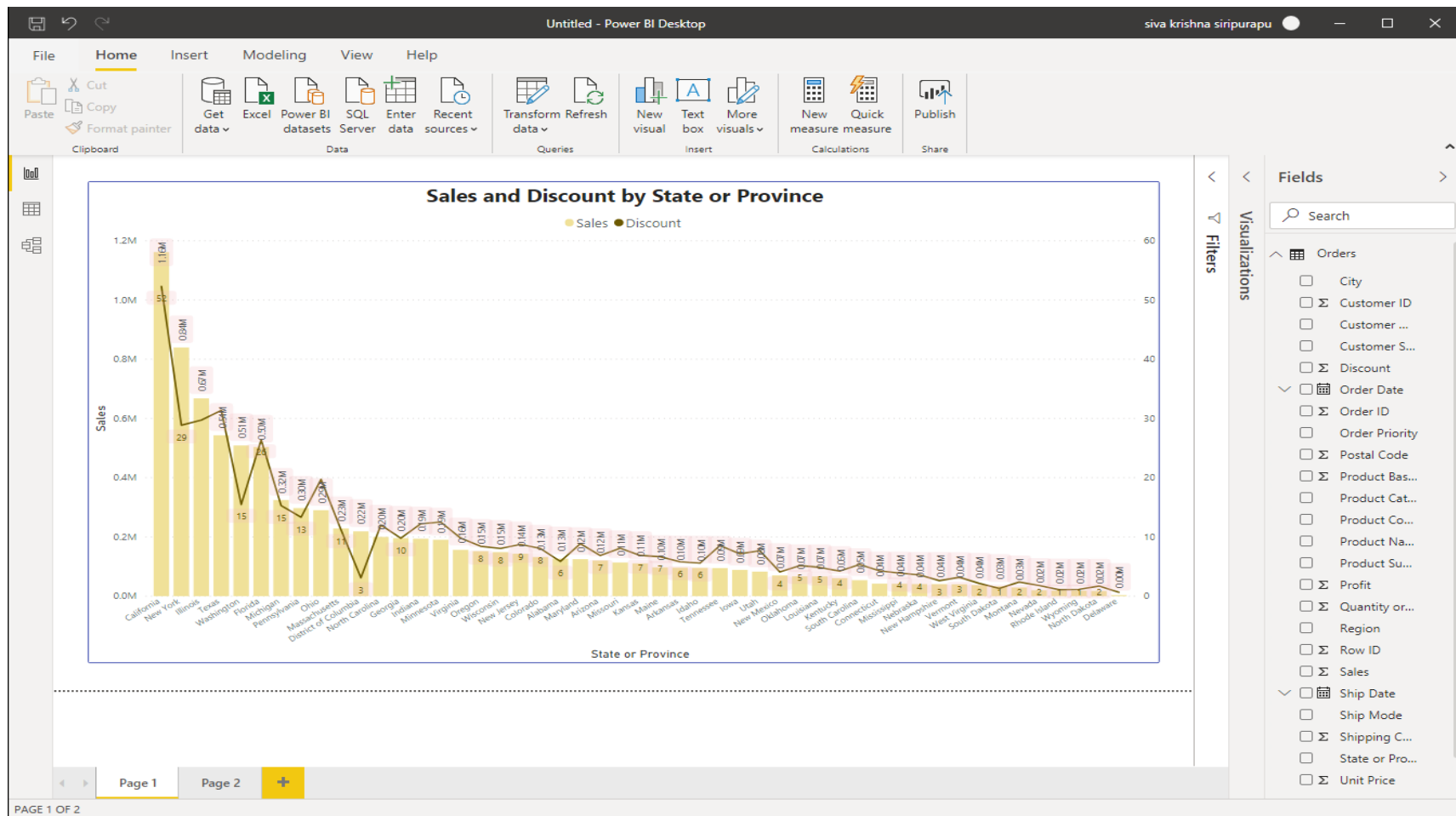
The screenshot shows the Power BI Desktop interface with a table visualization. The table has four columns: Customer Name, Region, Product Category, and Sales. The data is sorted by Sales in descending order. The total sales are 8,951,931.32. The right-hand pane shows the 'Fields' list with various fields categorized under 'Orders' and 'Ship Date'.

Customer Name	Region	Product Category	Sales
Aaron Davies Bruce	West	Furniture	2,305.95
Aaron Davies Bruce	West	Office Supplies	83.82
Aaron Day	South	Office Supplies	710.16
Aaron Day	South	Technology	1,122.85
Aaron Dillon	Central	Furniture	78.62
Aaron Dillon	Central	Office Supplies	179.66
Aaron Fuller Davidson	East	Furniture	207.55
Aaron Riggs	West	Furniture	3,112.13
Aaron Riggs	West	Office Supplies	127.86
Aaron Riggs	West	Technology	520.18
Aaron Shaffer	West	Office Supplies	964.30
Adam Barton	Central	Furniture	893.41
Adam Barton	Central	Office Supplies	631.63
Adam Barton	Central	Technology	1,069.92
Adam G Sawyer	Central	Furniture	26.68
Adam G Sawyer	Central	Office Supplies	292.18
Adam G Sawyer	Central	Technology	2,778.01
Adam McKinney	East	Office Supplies	38.15
Adam Saunders Gray	West	Furniture	2,710.30
Adam Saunders Gray	West	Office Supplies	256.72
Adam Saunders Gray	West	Technology	233.98
Alan Atkins	South	Office Supplies	37.87
Alan Briggs	East	Office Supplies	360.12
Alan Chase	Central	Furniture	323.85
Alan Griffith	Central	Office Supplies	505.88
Albert Frost	Central	Furniture	342.62
Albert Frost	Central	Office Supplies	8,705.10
Albert Frost	Central	Technology	739.90
Albert Maxwell	East	Furniture	396.19
Albert Tyson	South	Office Supplies	4,161.16
Total			8,951,931.32

## II Assignment

### IV. A line and Clustered Column Chart showing the Sales and Discount as per the State or Province:

A line and clustered column chart showing the Sales and Discount as per the State or Province placed in a pdf file (name: II assignment a text table for sales with respect to customer region and product category) attached to this assignment.



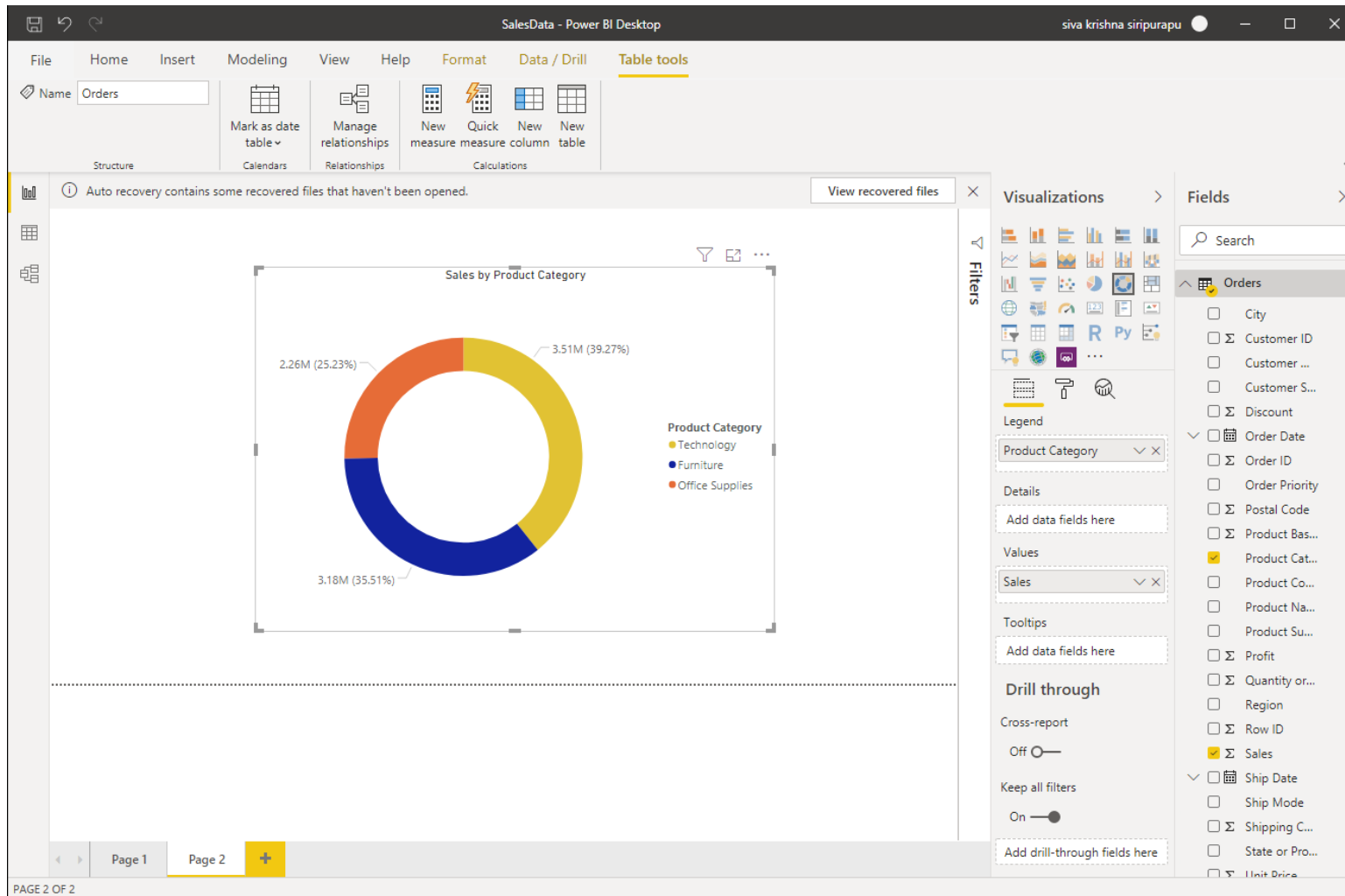
## II Assignment

California State has the highest sales across all States, and it is displayed in the form of visuals as follows:



## II Assignment

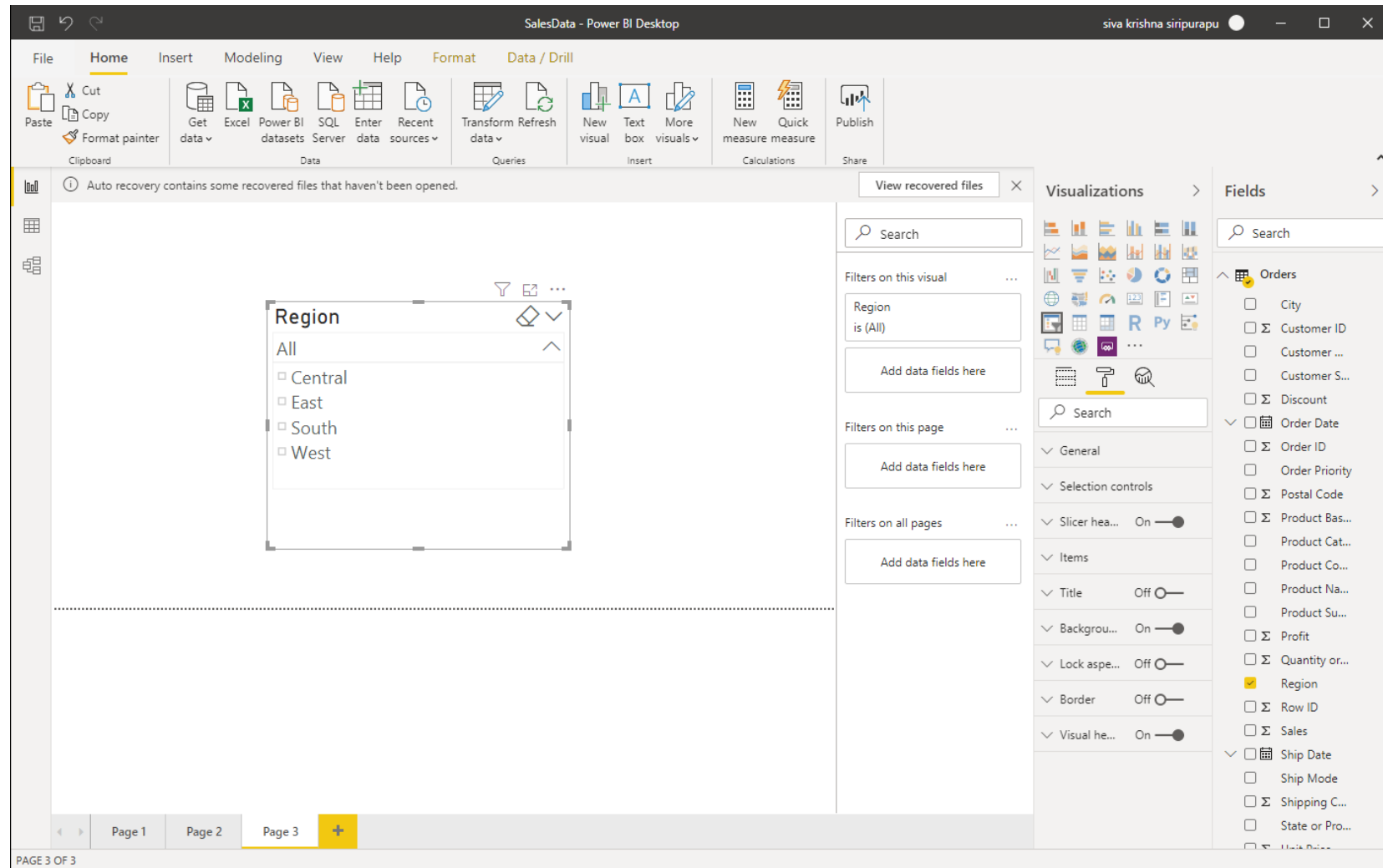
### V. A Donut Chart showing sales in terms of Product category





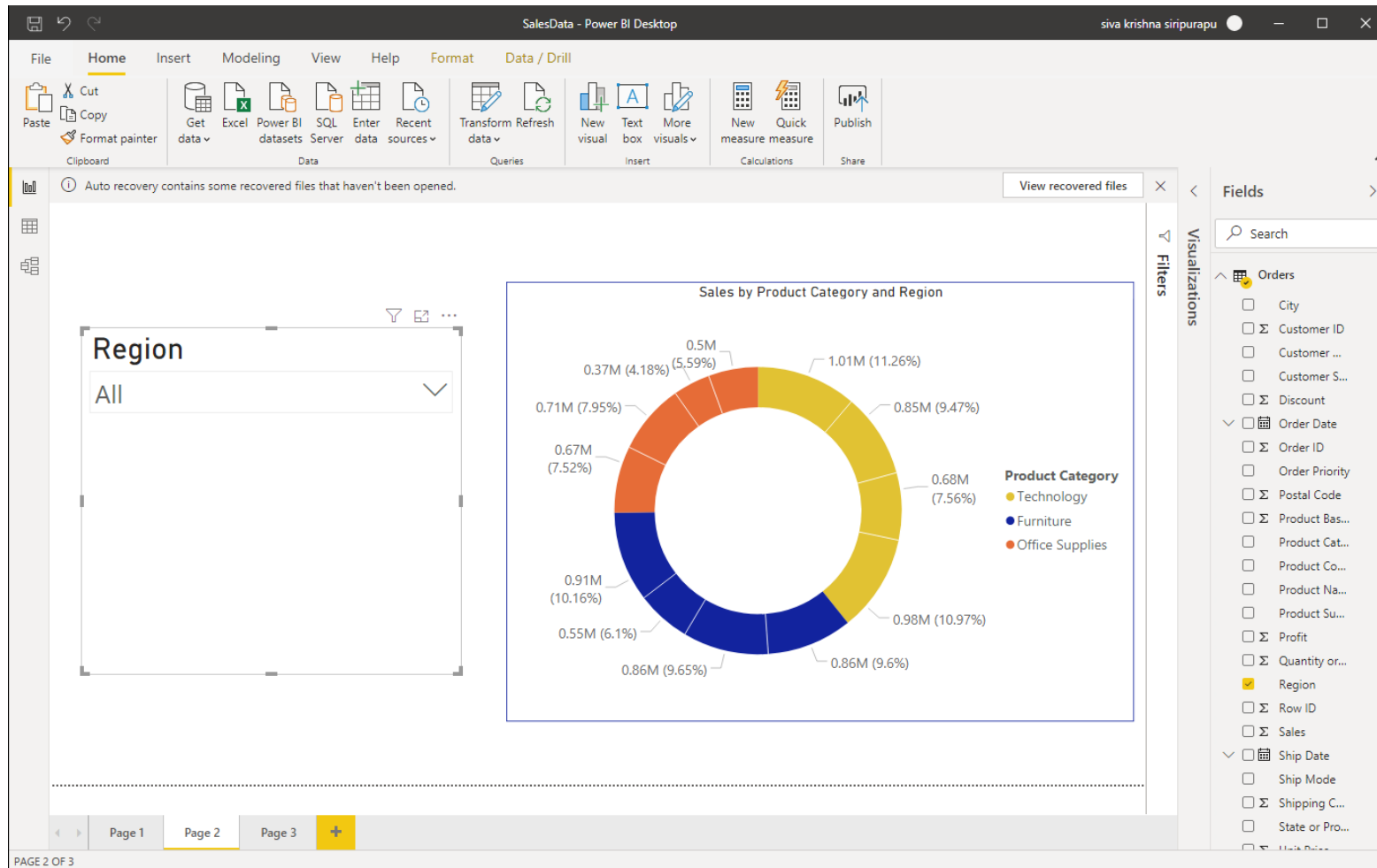
## II Assignment

### VI. A Slicer and it show the regions in dropdown



## II Assignment

If I select a slicer dropdown 'All' the Donut chart representation look alike



## II Assignment

If I select a slicer dropdown 'Central' the Donut chart representation looks alike

