

SMARTBRIDGE EXTERNSHIP – DATA ANALYTICS
ASSIGNMENT -1

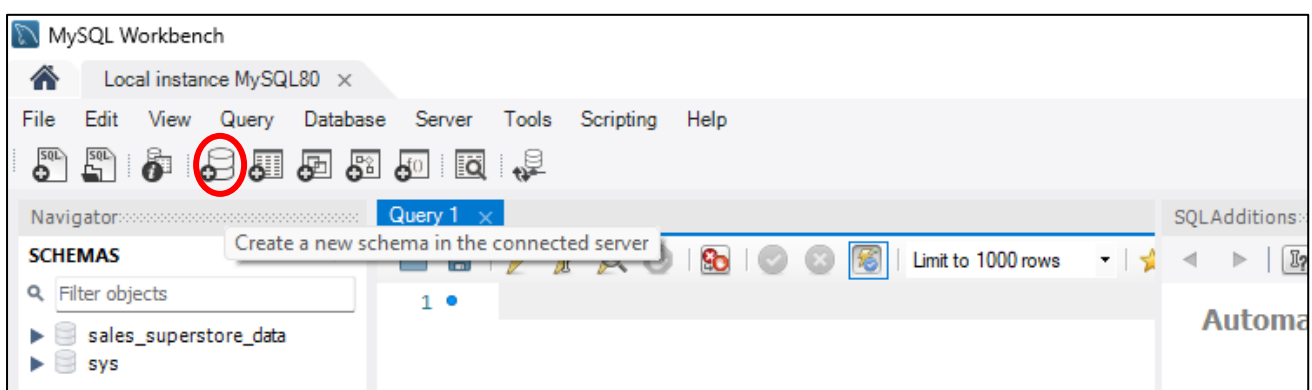
Assignment -1

- 1) Download tableau desktop & Mysql in your PC or laptop
- 2) Create a new schema in your Mysql workbench and upload your data
- 3) Connect your Mysql and Tableau
- 4) Create the below 5 charts/plots
 - Bar chart
 - Tree map
 - Heatmap
 - Pie chart
 - Horizontal bar chart


You can use superstore dataset

1) Downloaded Tableau and Mysql in my laptop

2) Create a new Schema



Query 1 SuperStore - Schema x

 Name: Specify

Refactor model,

Charset/Collation: The

Schema

Upload Table into the schema

Table Data Import

Select File to Import

Table Data Import allows you to easily import CSV, JSON datafiles.
You can also create destination table on the fly.

File Path:

Imported table into the schema

The screenshot shows the MySQL Workbench interface. The 'Navigator' pane on the left displays the 'superstore' schema. The 'Query 1' pane shows the query: `Select * from Sample_Superstore;`. The 'Result Grid' pane displays the following data:

Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name	Segment	Country	City	State
1	CA-2016-152156	11/8/2016	11/11/2016	Second Class	CG-12520	Claire Gute	Consumer	United States	Henderson	Ke
2	CA-2016-152156	11/8/2016	11/11/2016	Second Class	CG-12520	Claire Gute	Consumer	United States	Henderson	Ke
3	CA-2016-138688	6/12/2016	6/16/2016	Second Class	DV-13045	Darrin Van Huff	Corporate	United States	Los Angeles	Ca
4	US-2015-108966	10/11/2015	10/18/2015	Standard Class	SO-20335	Sean O'Donnell	Consumer	United States	Fort Lauderdale	Fl
5	US-2015-108966	10/11/2015	10/18/2015	Standard Class	SO-20335	Sean O'Donnell	Consumer	United States	Fort Lauderdale	Fl
6	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	Ca
7	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	Ca
8	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	Ca
9	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	Ca
10	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710	Brosina Hoffman	Consumer	United States	Los Angeles	Ca

3) Connecting Tableau to Mysql

The screenshot shows the 'MySQL' connection dialog in Tableau. The 'General' tab is selected, and the following fields are filled:

- Server: localhost
- Port: 3306
- Database: superstore
- Username: root
- Password:
- ☐ Require SSL

The 'Sign In' button is located at the bottom right.

Tableau connected to MySQL and contains the table uploaded in schema superstore which was created earlier in task 2 of the assignment.

sample_superstore (superstore)

Connection: ☒ Live ☐ Extract

Filters: 0 | Add

sample_superstore

Need more data? Drag tables here to relate them. [Learn more](#)

sample_superstore 21 fields 138 rows 100 rows

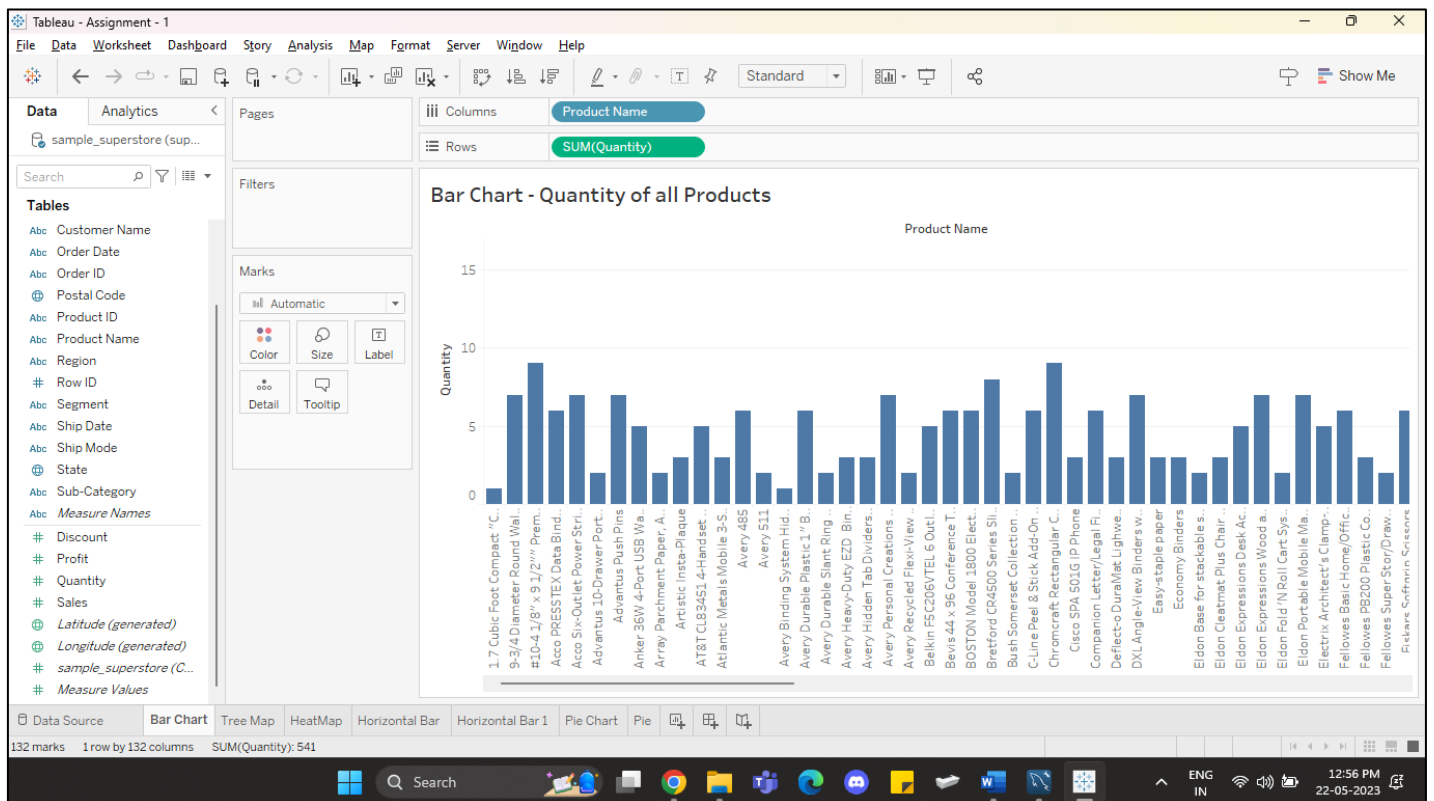
Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name	Segment	Country
1	CA-2016-152156	11/8/2016	11/11/2016	Second Class	CG-12520	Claire Gute	Consumer	United States
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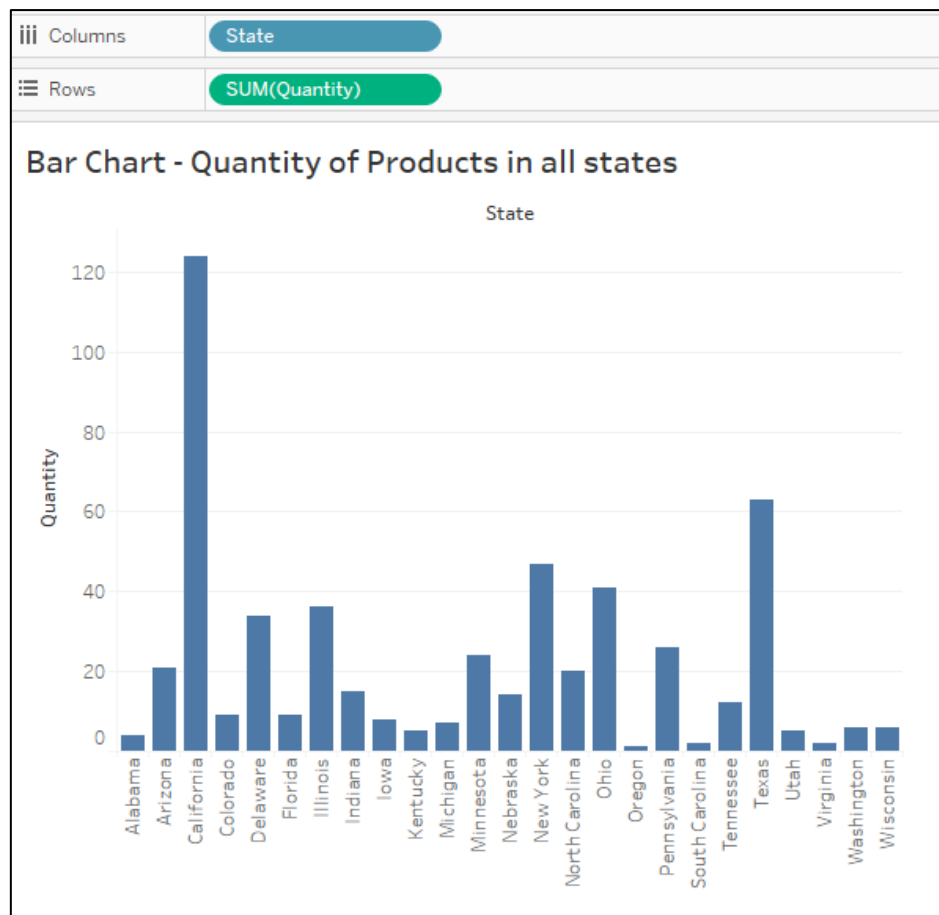
Go to Worksheet

Data Source Sheet1

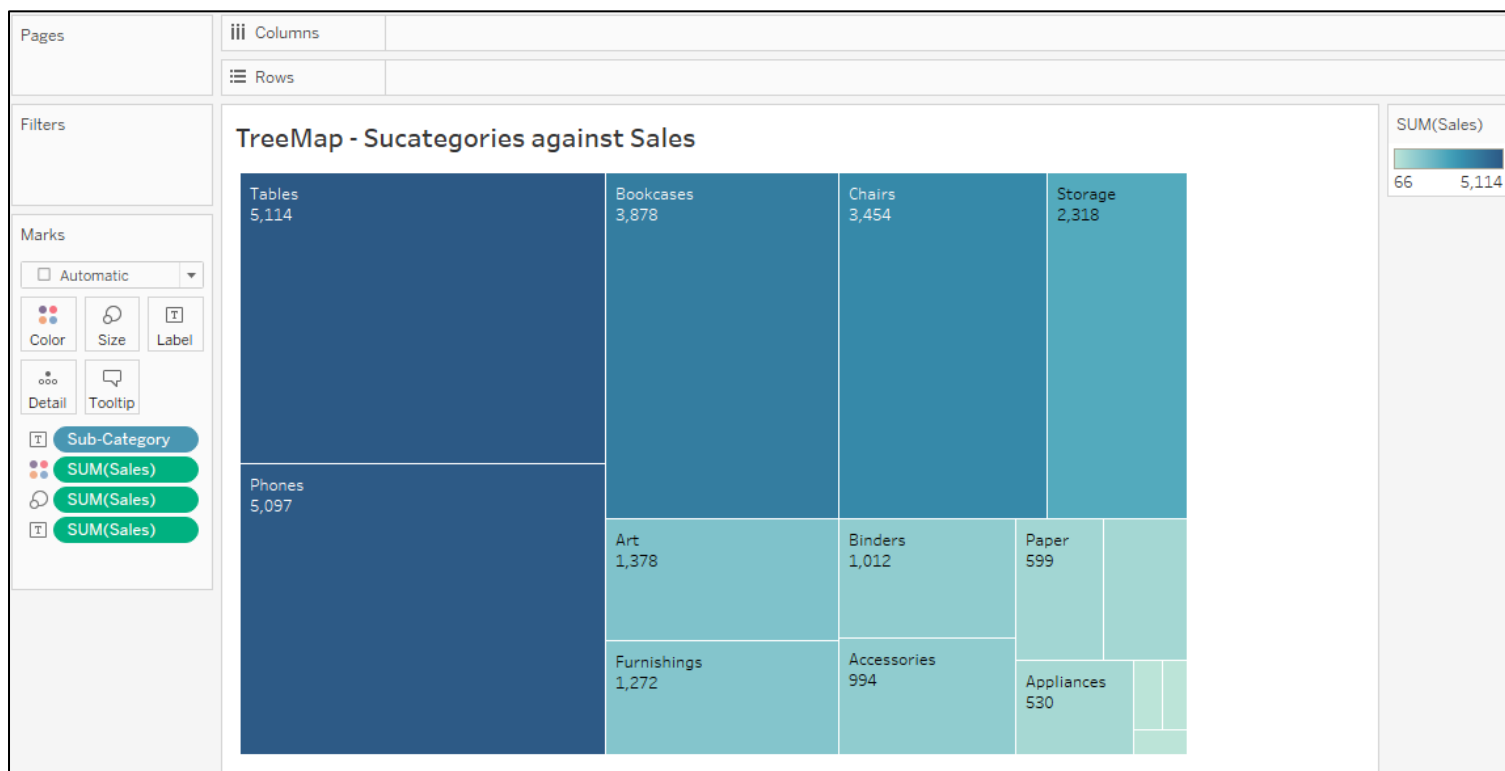
4) Create the below 5 charts/plots

- Bar chart

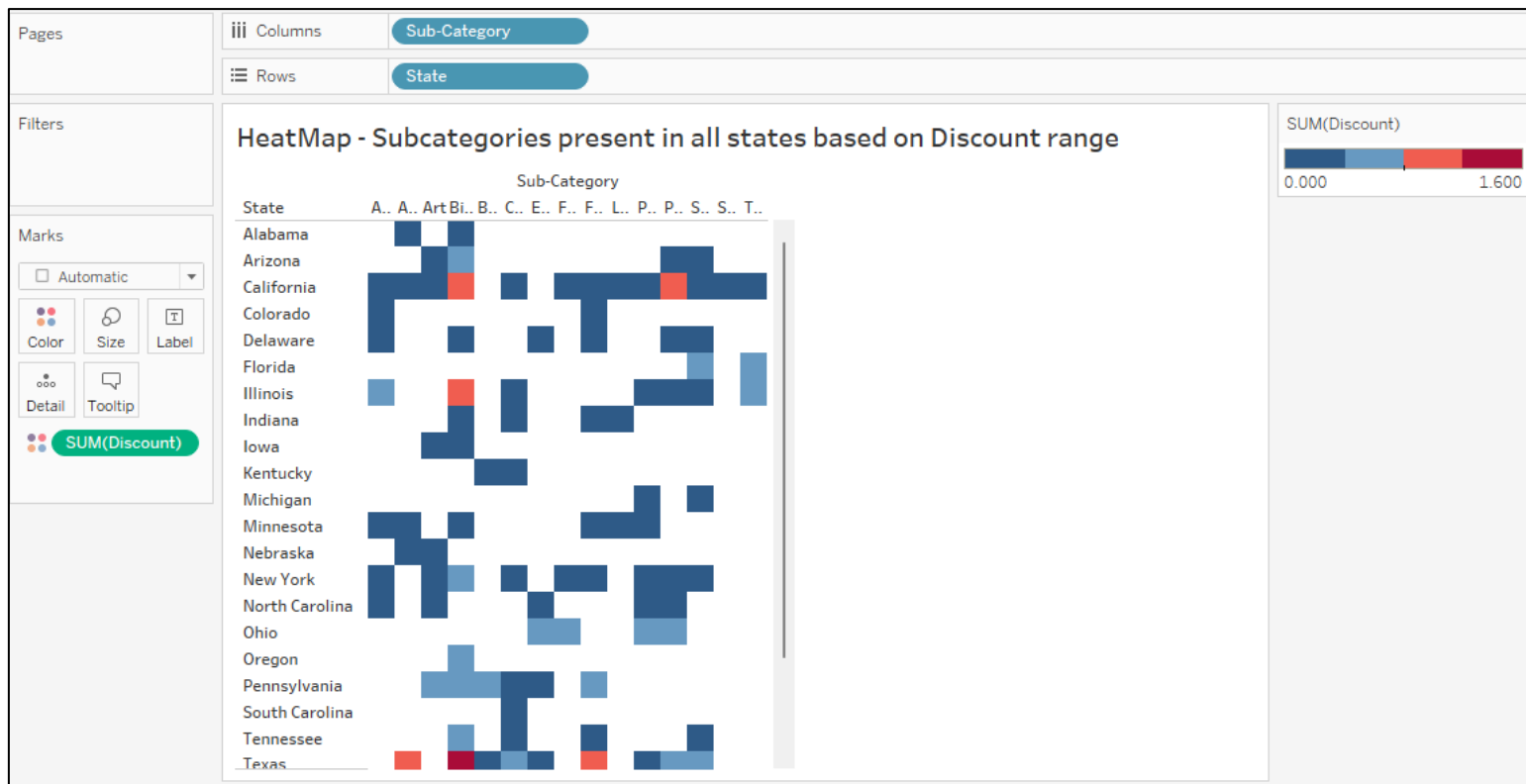




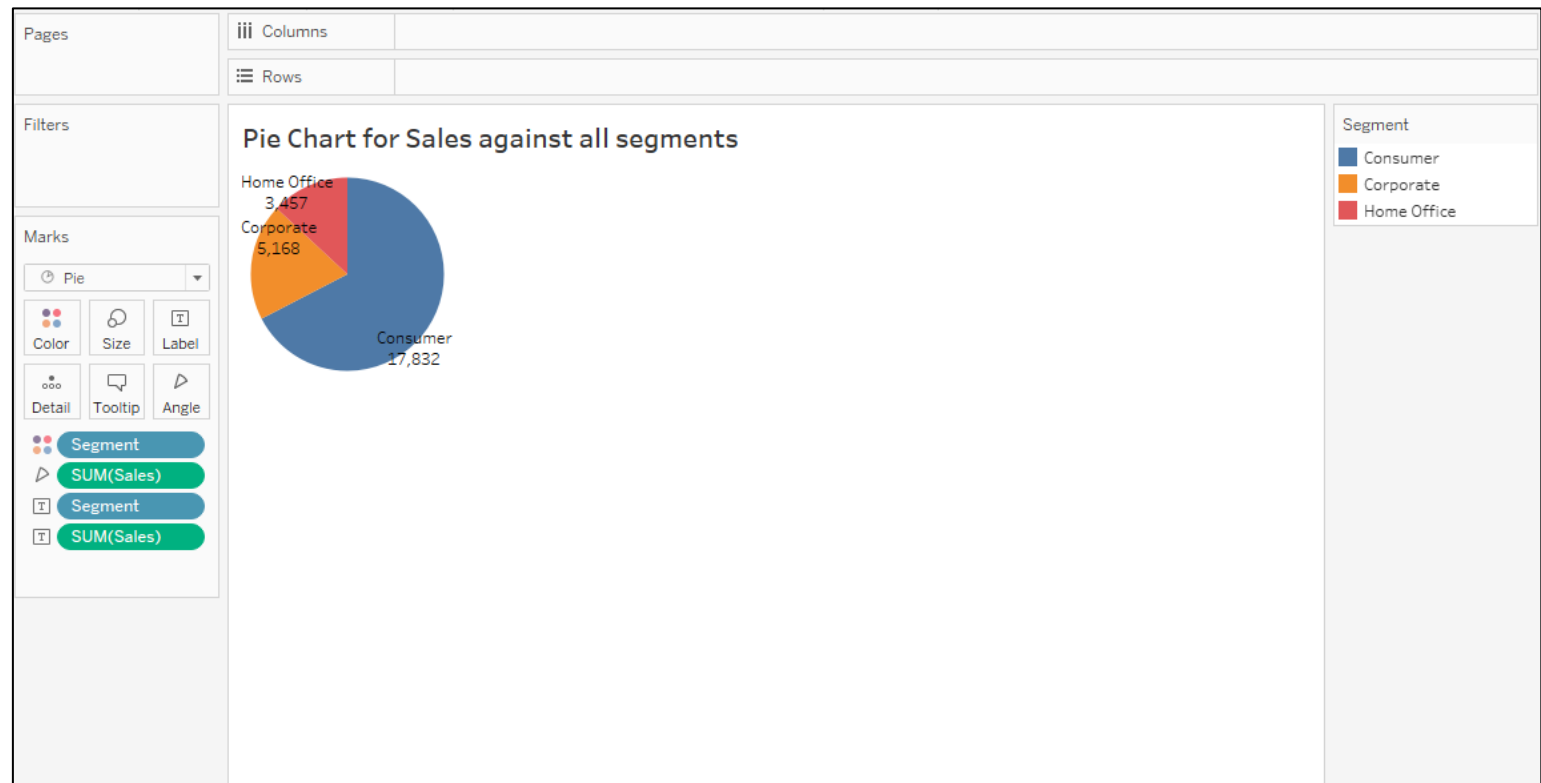
- Tree map

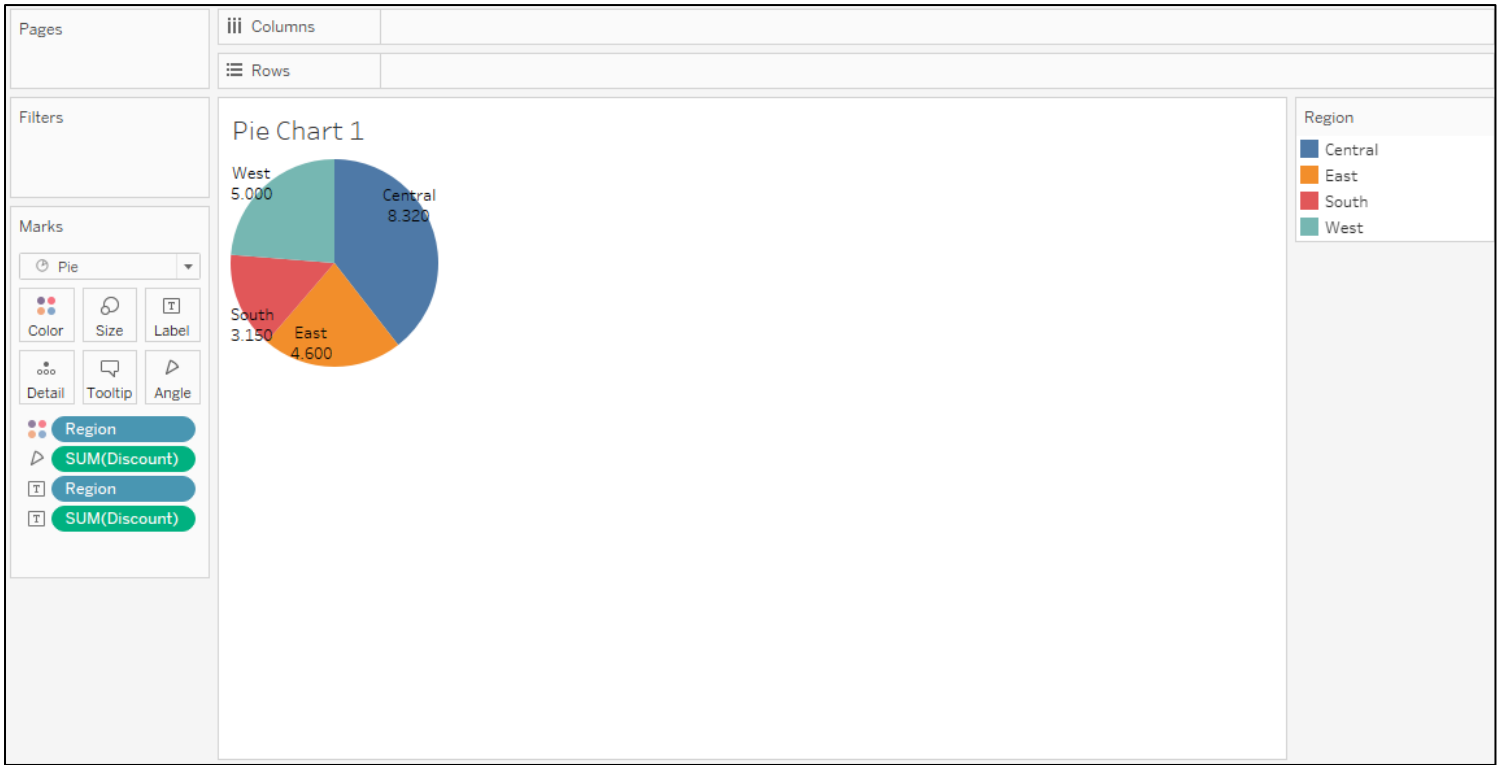


- Heatmap



- Pie chart





- Horizontal bar chart

