

NAME : Aastha Tiwary

REGISTER NUMBER : 21BCE5542

BRANCH : CSE CORE

CAMPUS: VIT Chennai

COURSE : Data Analytics with IBM cognos Analytics

MAIL ID : aastha.tiwary2021@vitstudent.ac.in

DA ASSIGNMENT – 3

- First , I downloaded the data set from the given link and saved it with the name of SuperMarket.
- Then ,I opened MySQL Workbench and entered my password.
- Next,I clicked on Schemas and created a new schema with the name Supermarket.
- After which,I imported the dataset in the tables of the supermarket schema and saved with the name super.
- I opened Tableau, went to MYSQL and entered the username , host ,schema name and password and clicked on OK.
- Finally,I could see the data values of the dataset supermarket in the tableau app , hence I could successfully link both Tableau and My SQL.
- Then , I started off by creating the different visualizations for the supermarket dataset.

- VISUALIZATIONS :

1) BAR CHART



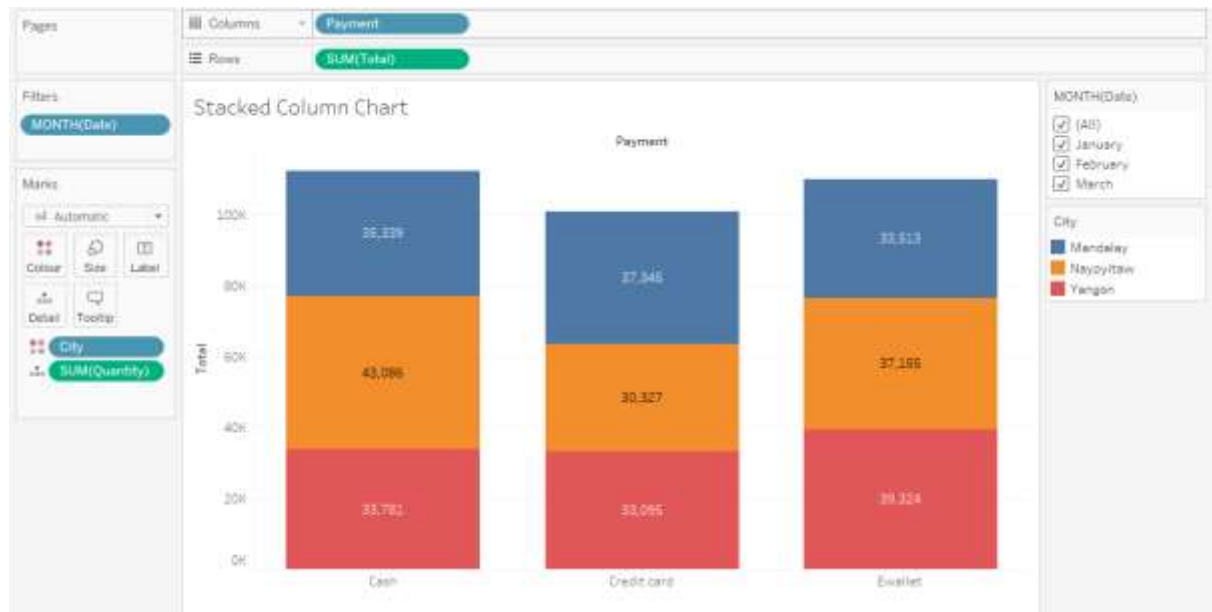
The Chart Displays the Total Sales of various product lines for different branches of the supermarket.

2) COLUMN CHART



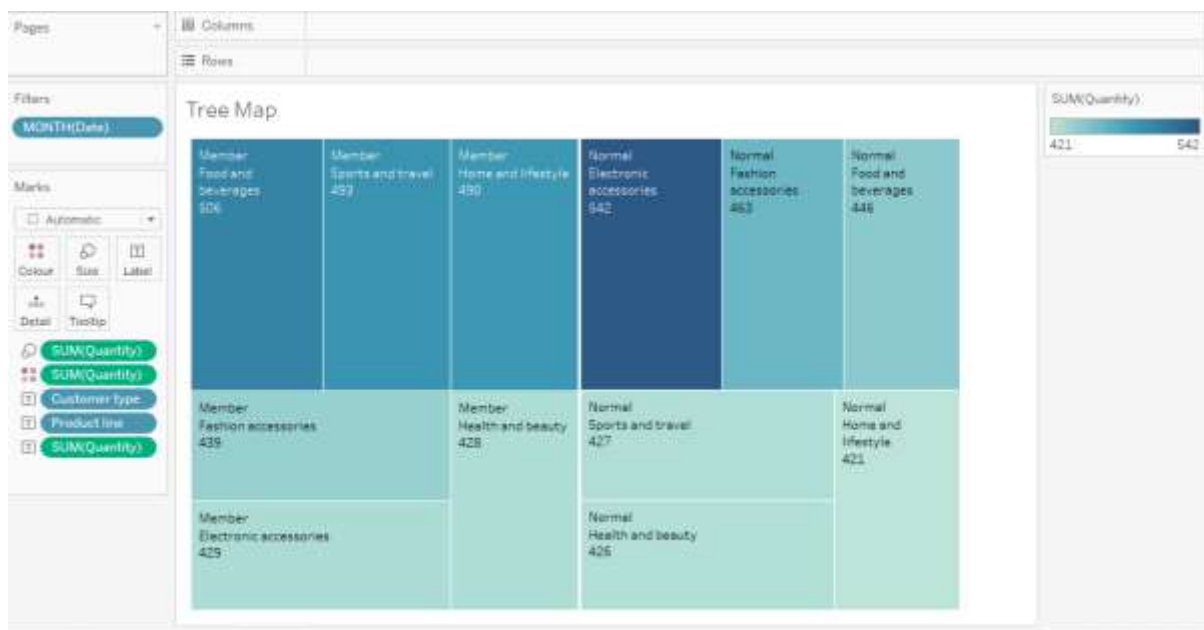
The Chart Displays the Total Sales of various product lines for the different months of the year.

3) STACKED COLUMN CHART



The Chart Displays the Total Sales for various cities based on the payment method used.

4) TREE MAP



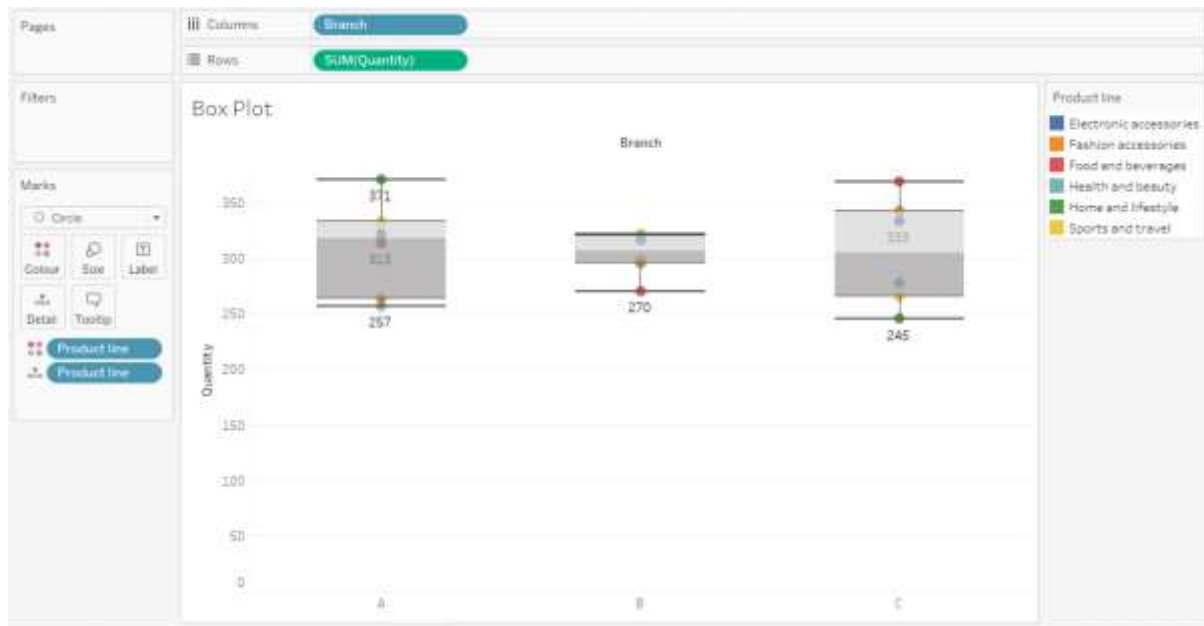
The Map displays the quantity of products bought by various customers .

5) AREA CHART



The Chart Displays the Quantity of products bought in the different months of the year along with the payment method used.

6) BOX PLOT



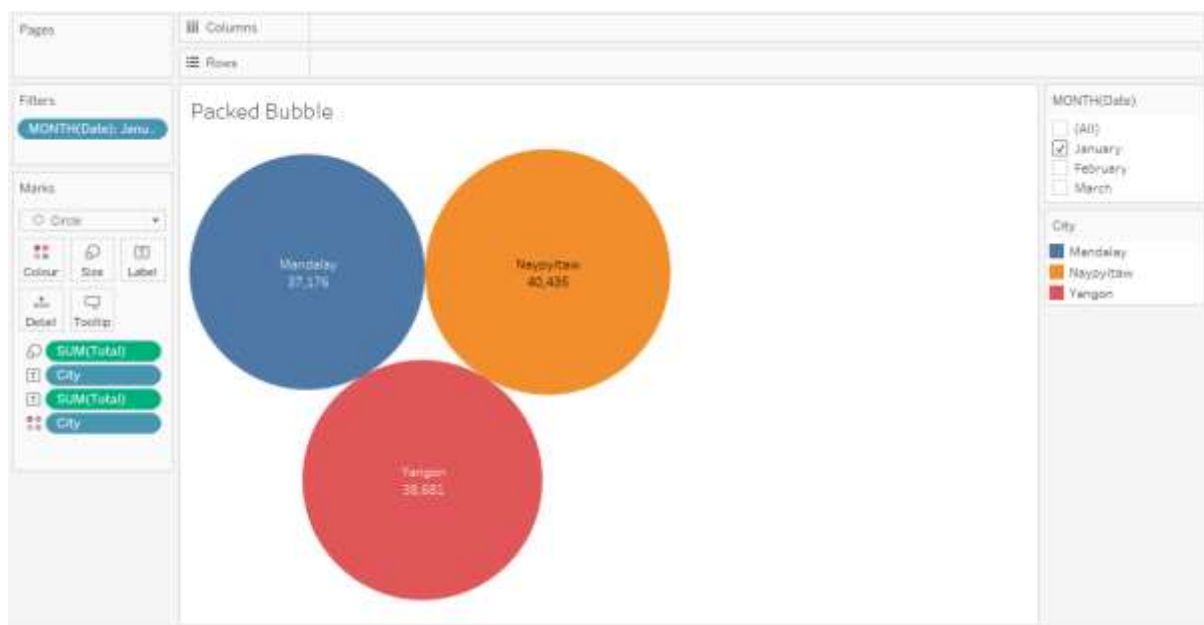
The Chart Displays the Quantity of products bought in the different branches of the supermarket.

7) SIDE –BY-SIDE CIRCLES



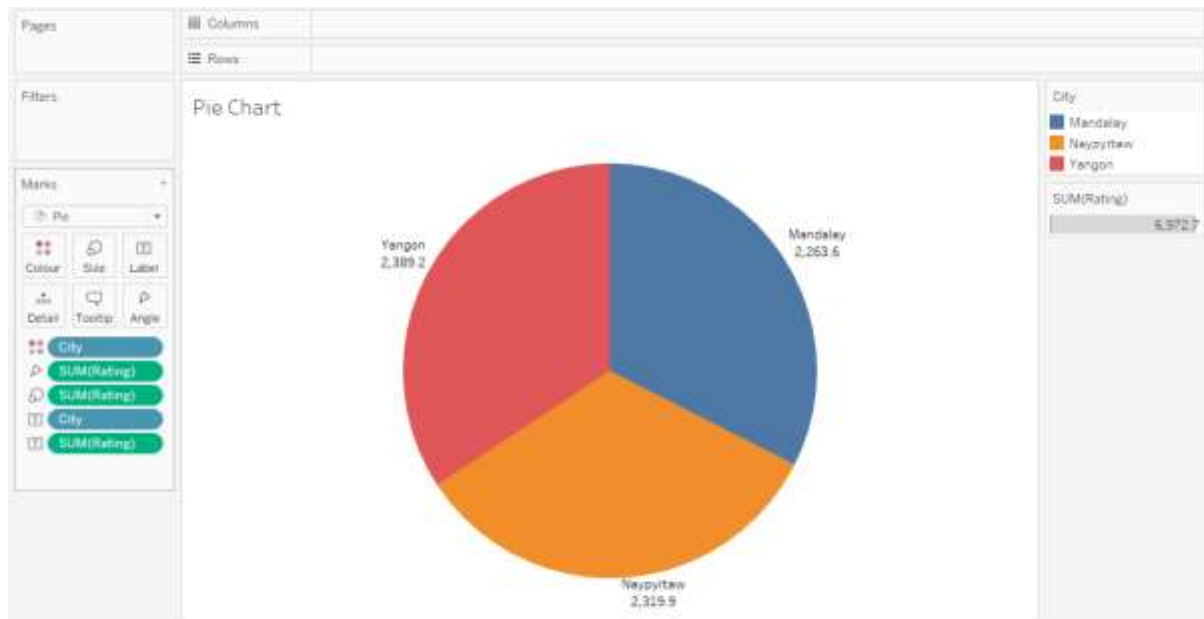
The Chart Highlights the total sales done each day by both male and and female.

8) PACKED BUBBLE CHART



The Chart Highlights the total sales in the different cities.

9) PIE CHART



The Chart displays the ratings given for different cities.

10) HIGHLIGHTS TABLE

The highlights table displays sales data for three cities across six product lines. The data is as follows:

City	Product line					
	Electronic accessories	Fashion accessories	Food and beverages	Health and beauty	Home and lifestyle	Sports and travel
Mandalay	17,061	16,413	16,215	18,981	17,549	19,908
Naypyitaw	18,996	21,560	23,767	16,625	13,896	15,762
Yangon	18,317	19,333	17,163	12,898	22,417	19,373

The Table Highlights the sales for different products in various cities.

11) HEAT MAP



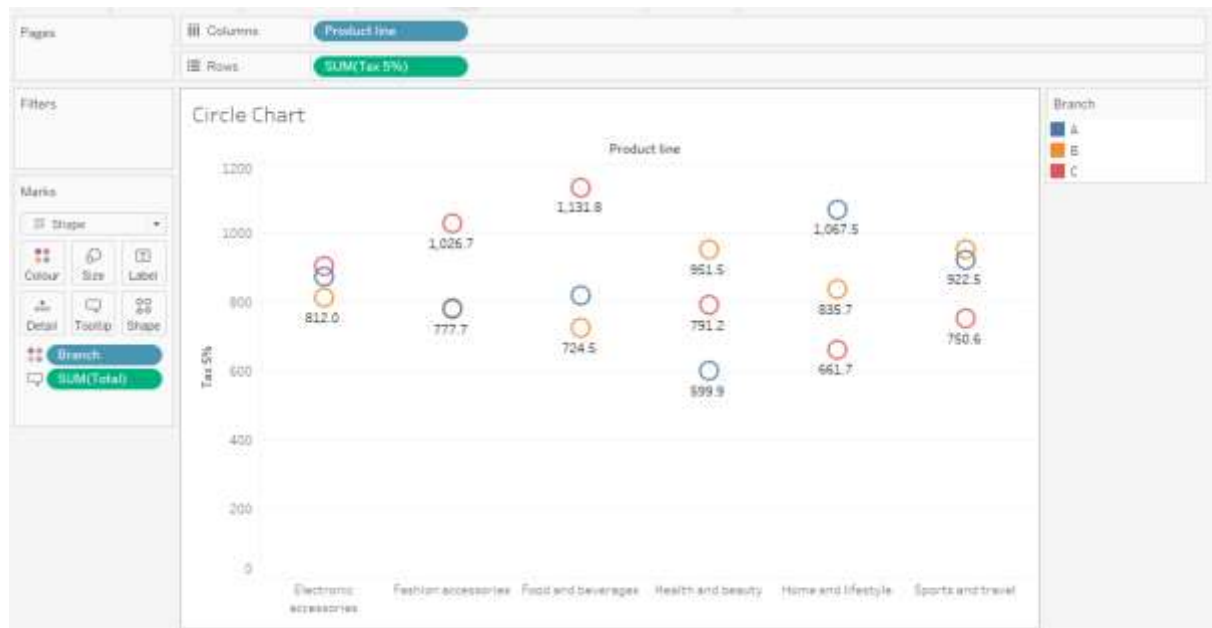
The Map highlights the date wise gross income for different Products.

12) COLUMN CHART



The Chart Highlights the Total Sales,Unit Price and Gross margin percentage for various months based on the gender.

13) CIRCLE CHART



The Chart Highlights branch wise sales for different products.