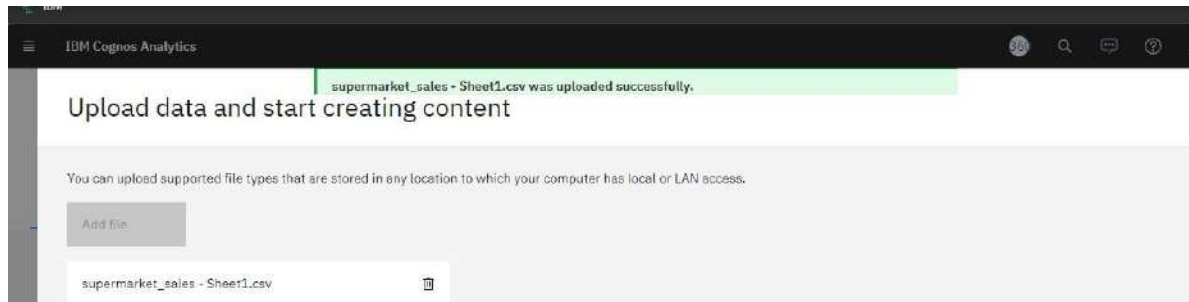# Data Analytics Assignment-1

Name:P.Vishnupriya

Reg No:21BCE7382

1.Upload the dataset (Supermarket_sales) to Cognos Analytics

2.Deleting the unnecessary columns

Deleting the invoice Id

Select Invoice Id then right click ,remove.

Before Deleting

After Deleting

1.Deleting the Time

Select Time then right click ,remove.

2. Creating new dataModule (supermarket datamodule)
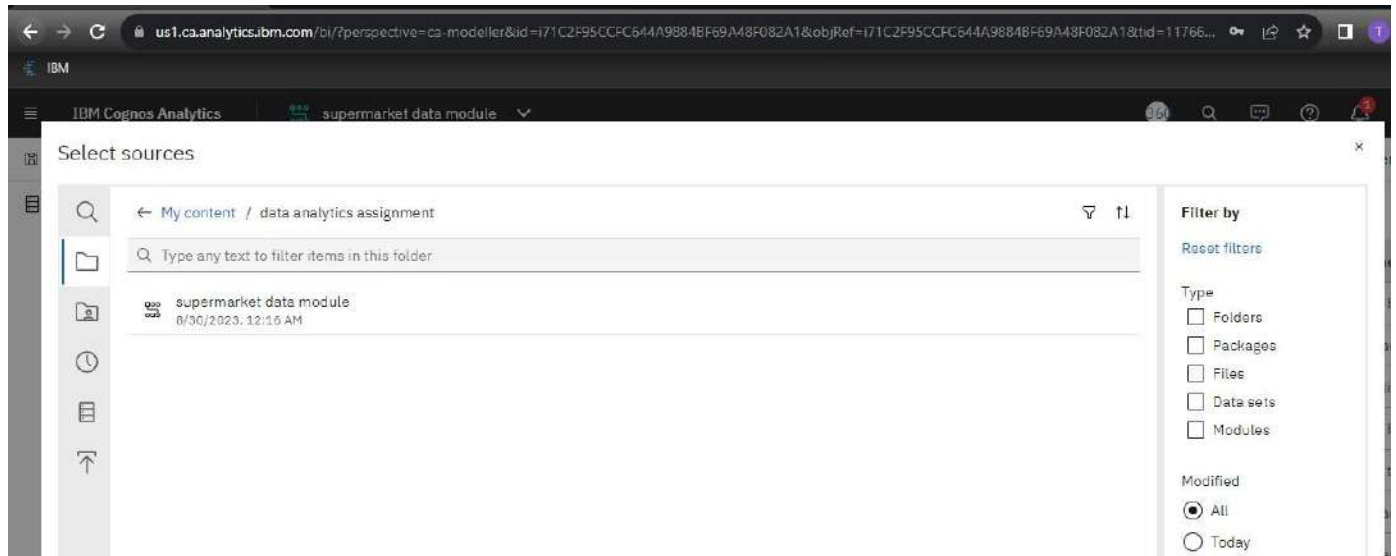
3. Explore and Visualize the Dataset(Supermarket_sales)

a.Column Chart---Unit price by Branch colored by Branch

b. Pie Chart---Quantity by Branch

c. Map --- Branch and Total for City regions
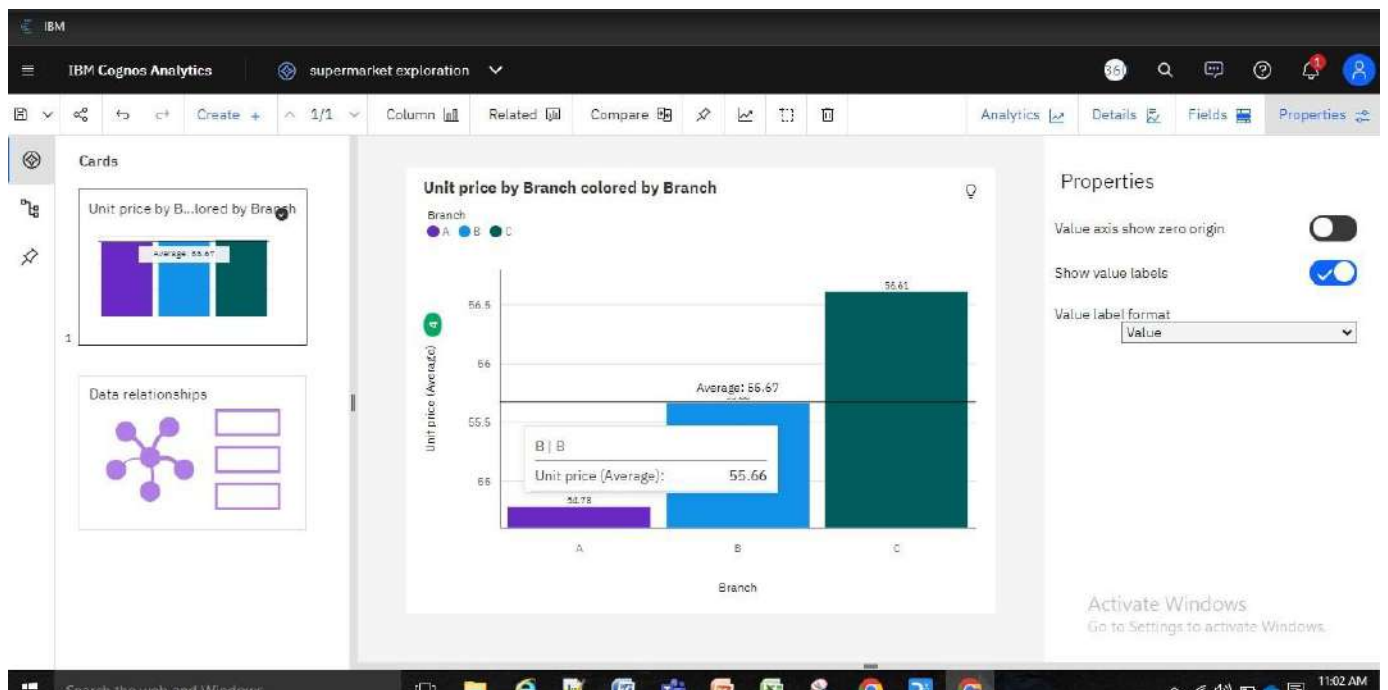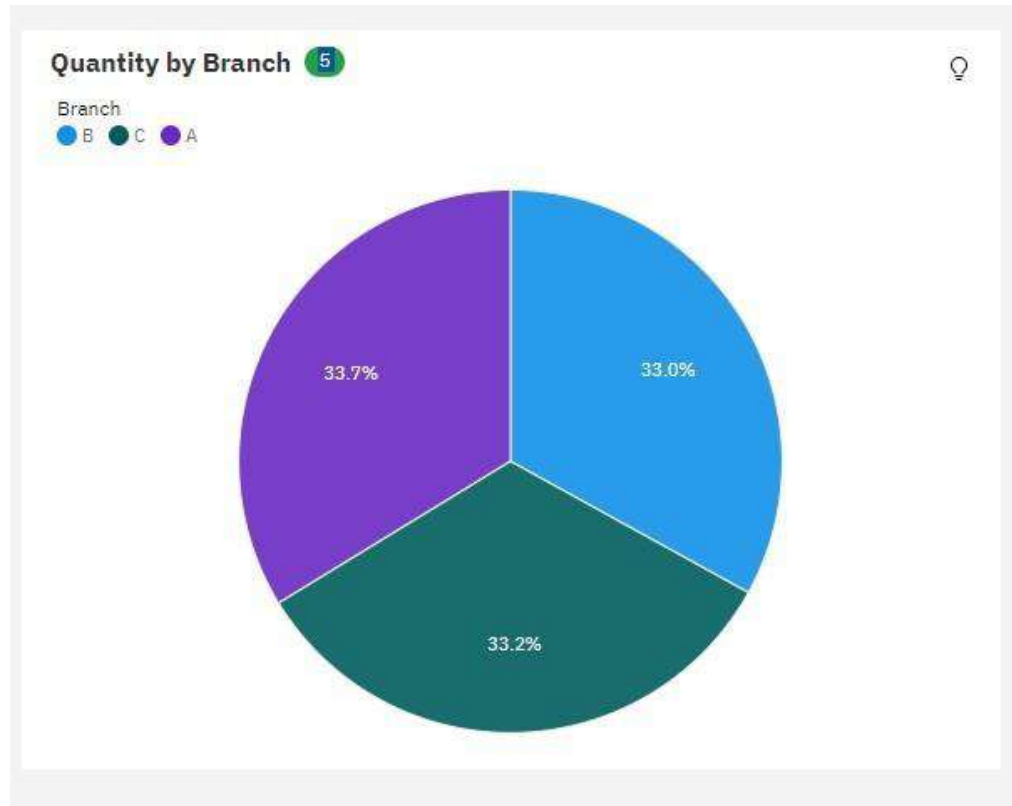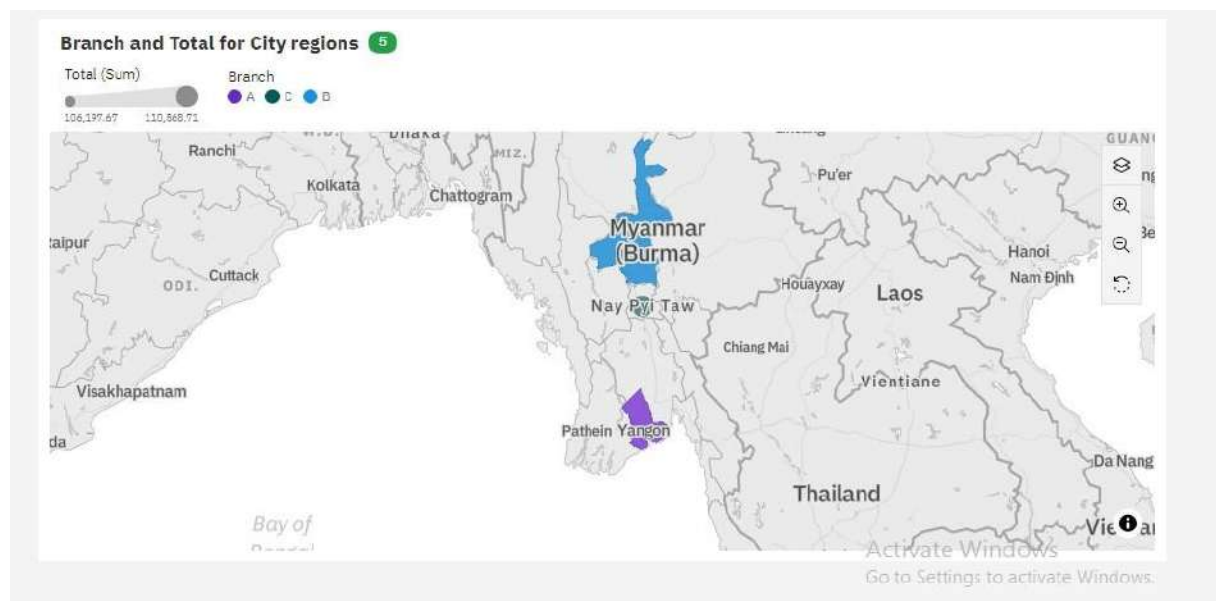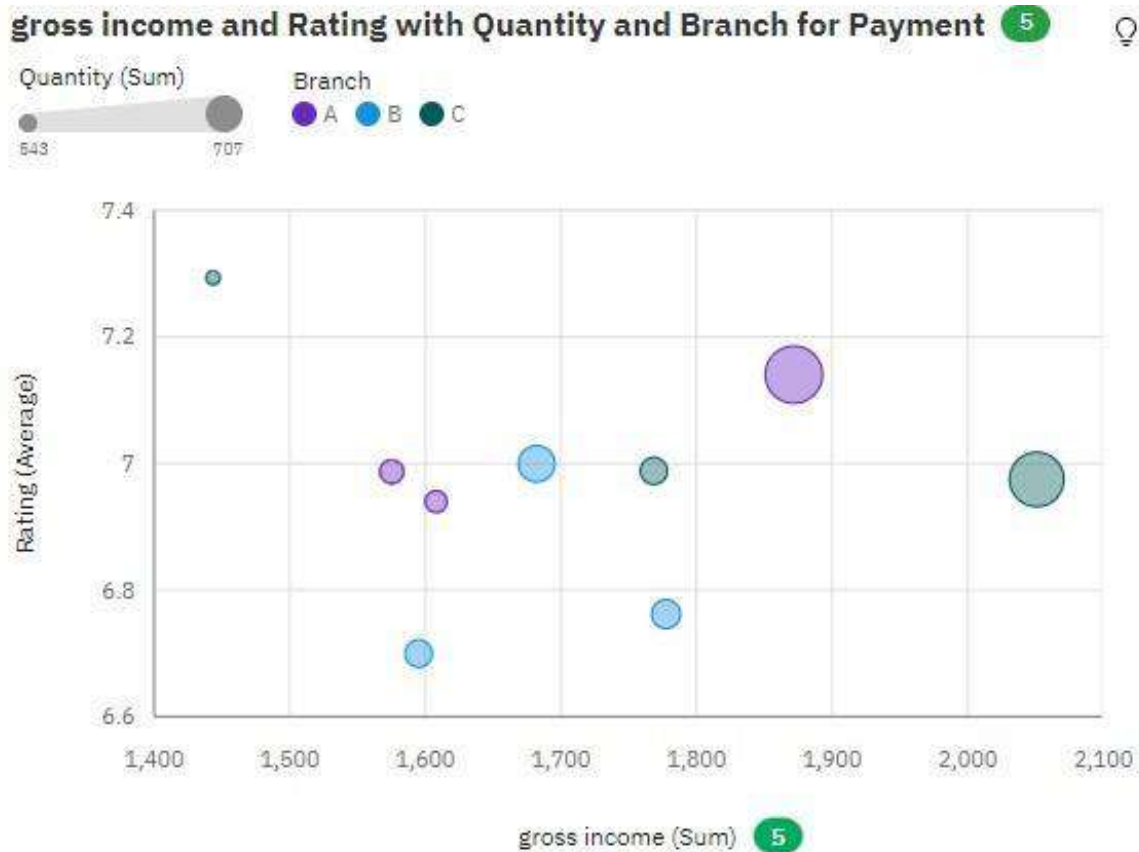
**d. Bubble Chart---gross income and Rating with Quantity and Branch for Payment**

gross income and Rating with Quantity and Branch for Payment ⑤

Quantity (Sum)
543   707

Branch
● A   ● B   ● C

Rating (Average)

gross income (Sum) ⑤

e. Crosstab--Total for Branch and Customer type

Total for Branch and Customer type ⑤

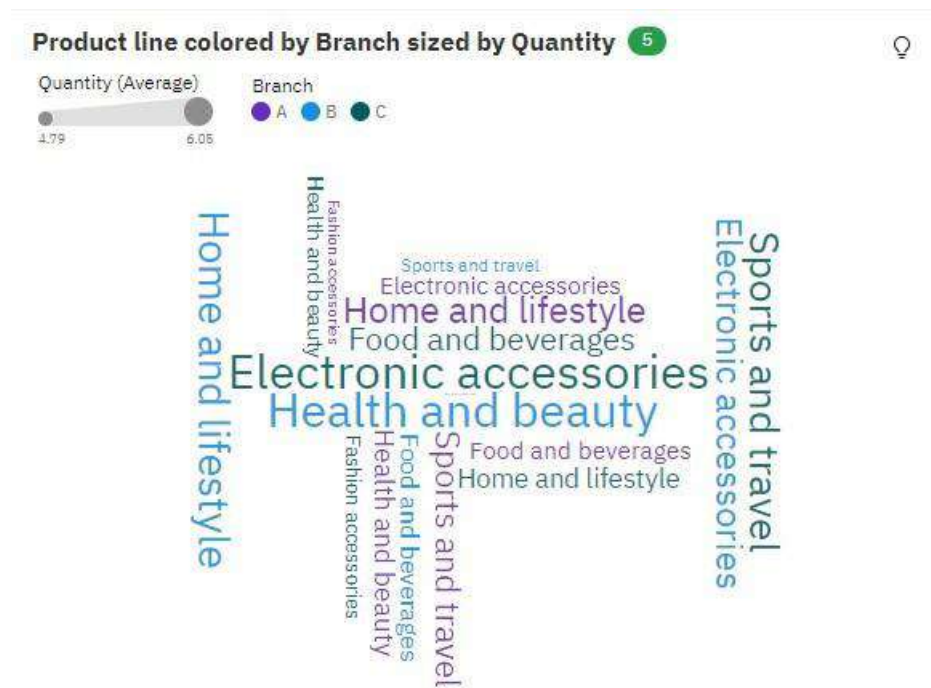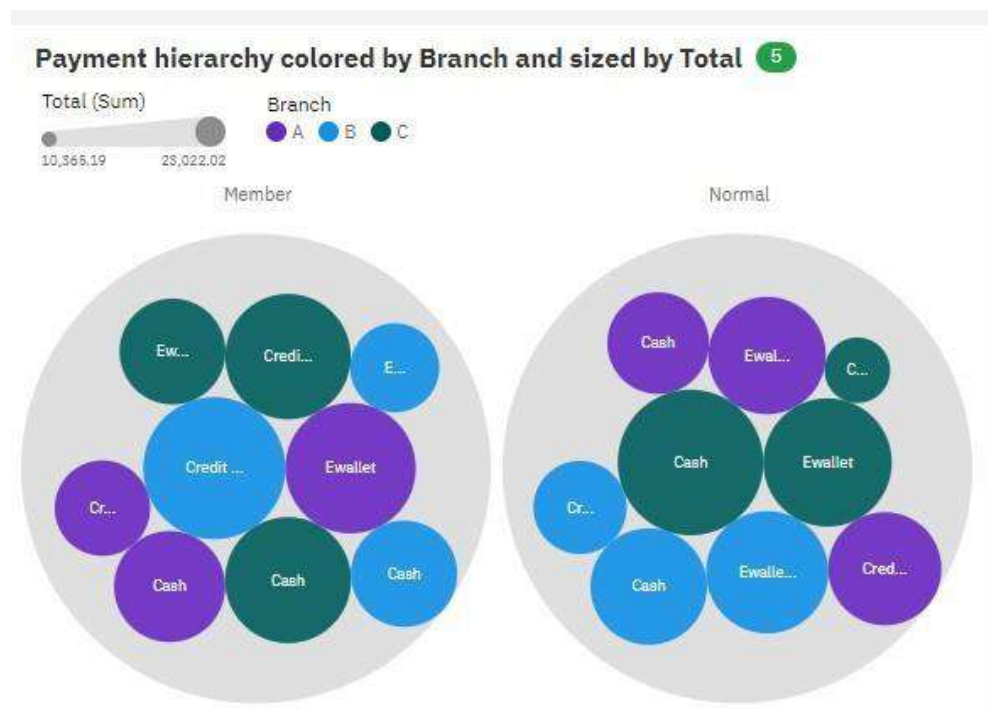| Total	A	B	C	Summary
Member	53,637.48	53,704.69	56,881.28	164,22
Normal	52,562.89	52,492.99	53,687.42	158,74
Summary	106,200.37	106,197.67	110,568.71	322,96

f. Waterfall chart-Rating for Quantity
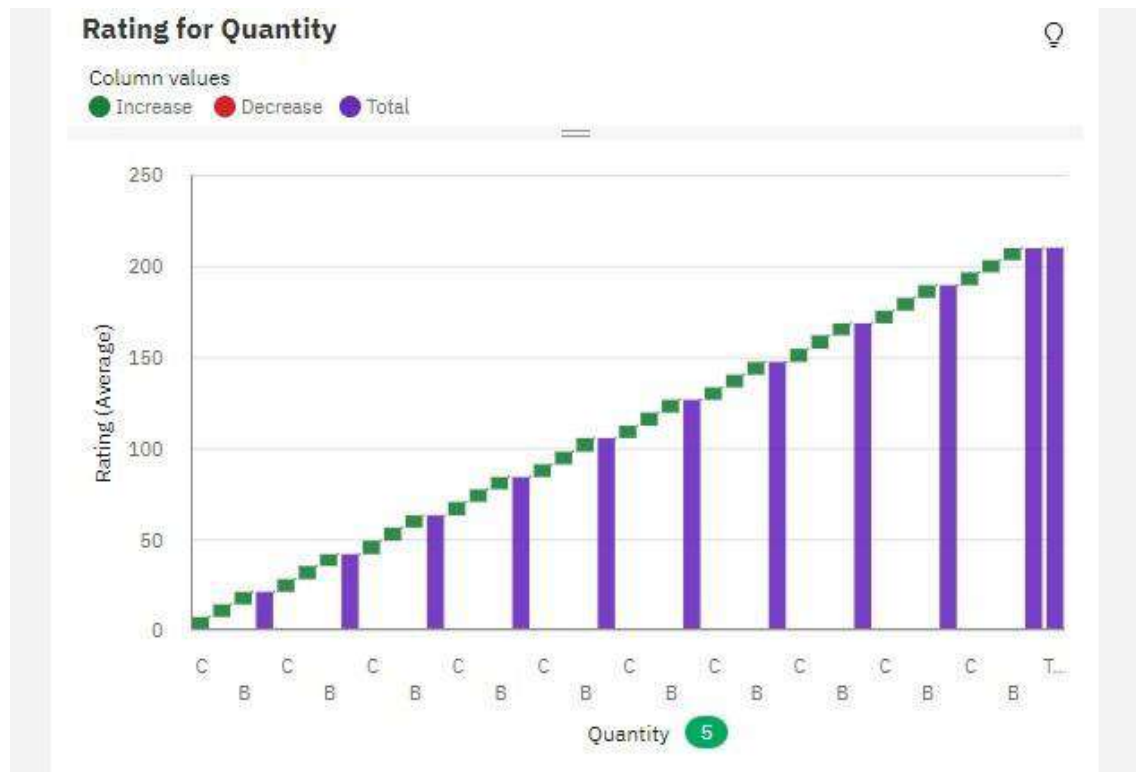
g. Line chart--Total by Tax 5% colored by Branch
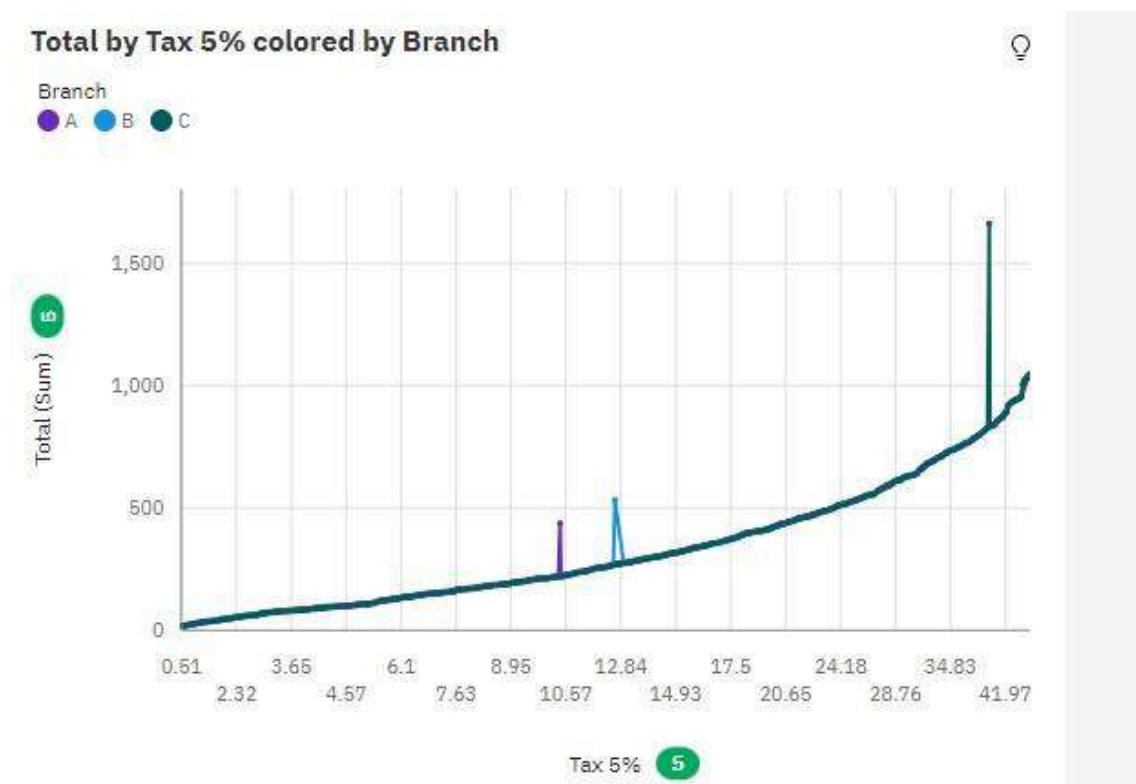
h. Word Cloud--Product line colored by Branch sized by Quantity

i. Hierarchy Bubble--Payment hierarchy colored by Branch and sized by Total

j.Radial--Unit price by Month colored by Branch

Unit price by Month colored by Branch ④

Branch
● A ● B ● C