Smart Interz Data Analyst with IBM Cognos
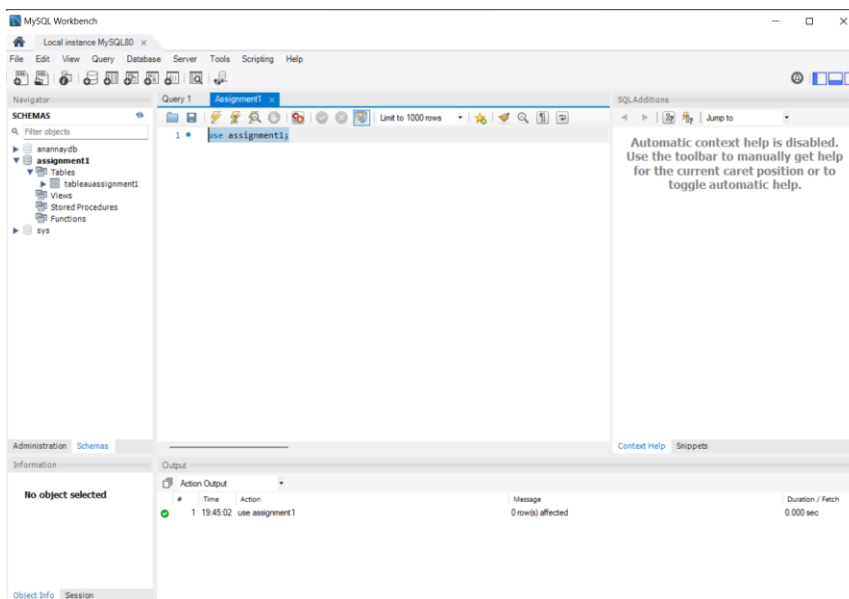
Assignment 3

Name: - Anannay Gupta, College Branch: - VIT Chennai

College Registration Number: - 21BRS1288

Question: - Upload the given dataset to Tableau using MySQL, delete the unnecessary columns, create a data module, explore and visualize the dataset.

MySql data upload to tableau: -

MySQL

General | Initial SQL

Server

localhost

Port

3306

Database

assignment1

Username

root

Password

Optional

☐ Require SSL

Sign In

⊖ · tableauassignment1 (assignment1)

Connection: ● Live ○ Extract   Filters: 0 | Add

Connections | Add

localhost
MySQL

Database

assignment1

Table

▦ tableauassignment1

▤ New Custom SQL

▷ New Union

⚙ New Table Extension

tableauassignment1

Need more data?

Drag tables here to relate them. Learn more

tableauassignment1 ▾

→ rows ⚙ ⌄

Name
tableauassignment1

Abc tableauassignment1 Invoice ID	Abc tableauassignment1 Branch	⊕ tableauassignment1 City	Abc tableauassignment1 Customer type	Abc tableauassignment1 Gender	Abc tableauassignment1 Product line	⊕ tableauassignme Unit price

Fields

Type	Field Name	Physical Table	Remote ...
Abc	Invoice ID	tableauassignment1	Invoice ID
Abc	Branch	tableauassignment1	Branch
⊕	City	tableauassignment1	City

Update Now

Update Automatically

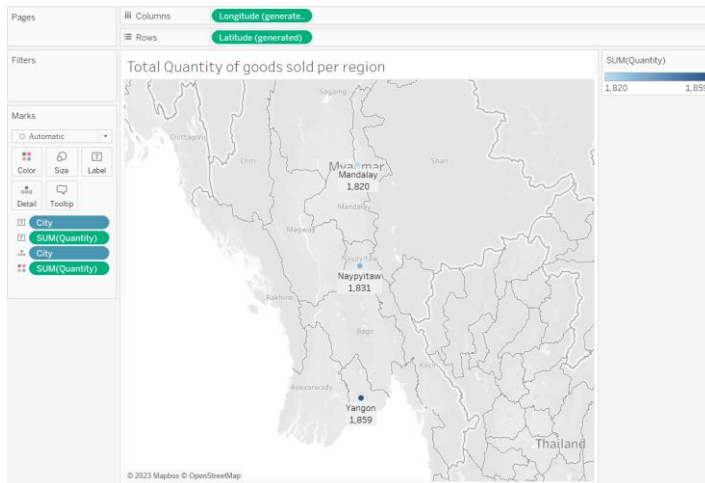# Visualization of Data and Screenshots of it: -

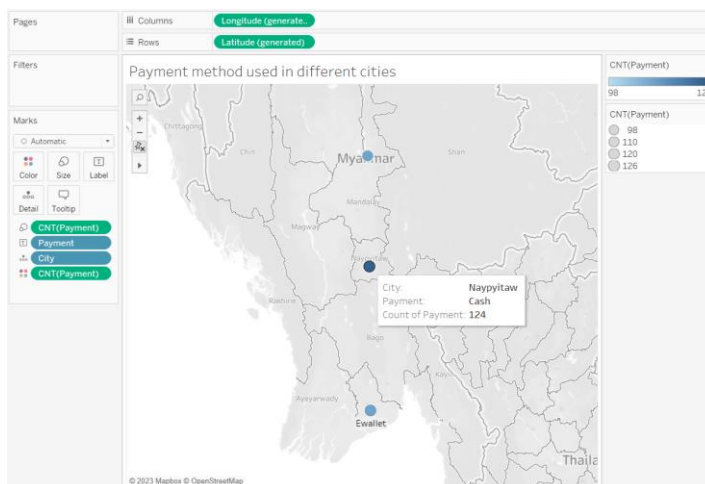## (i) Gross Income by Customer Type:

(ii) Average Rating Provided by different genders on the basis of Product Types:
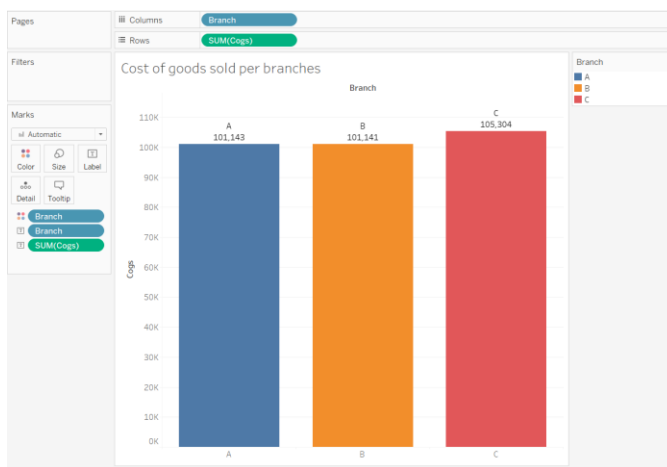
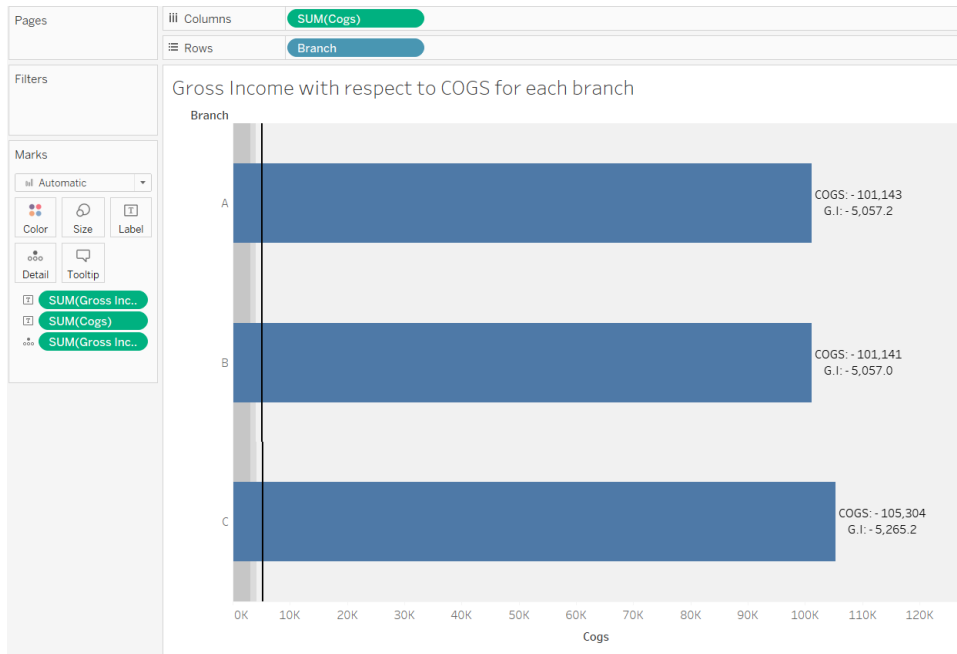## (iii) Total Quantity of goods sold per region.

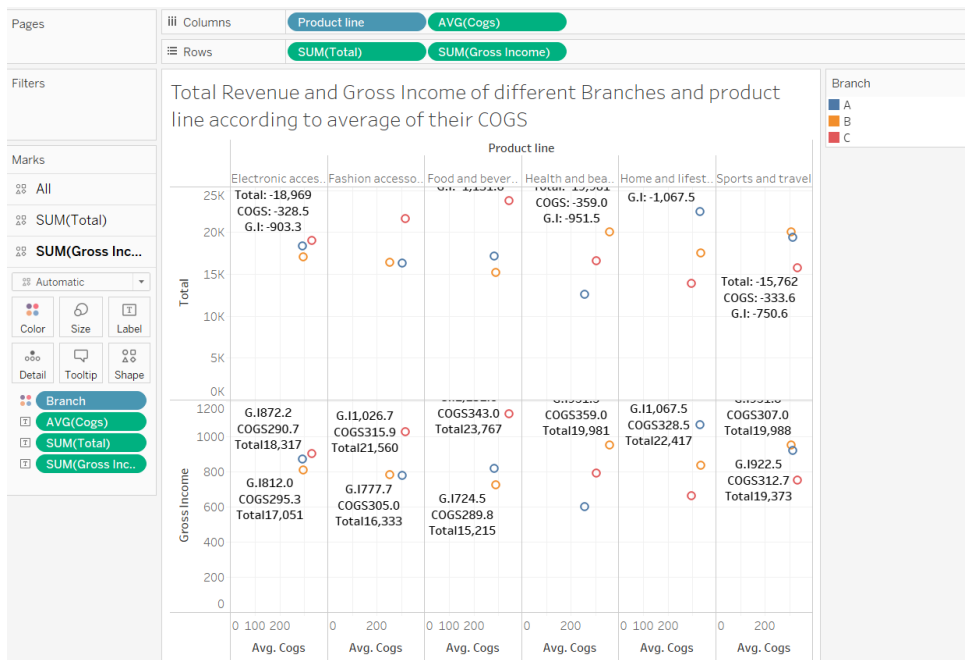

(iv) Most used Payment method per region: -
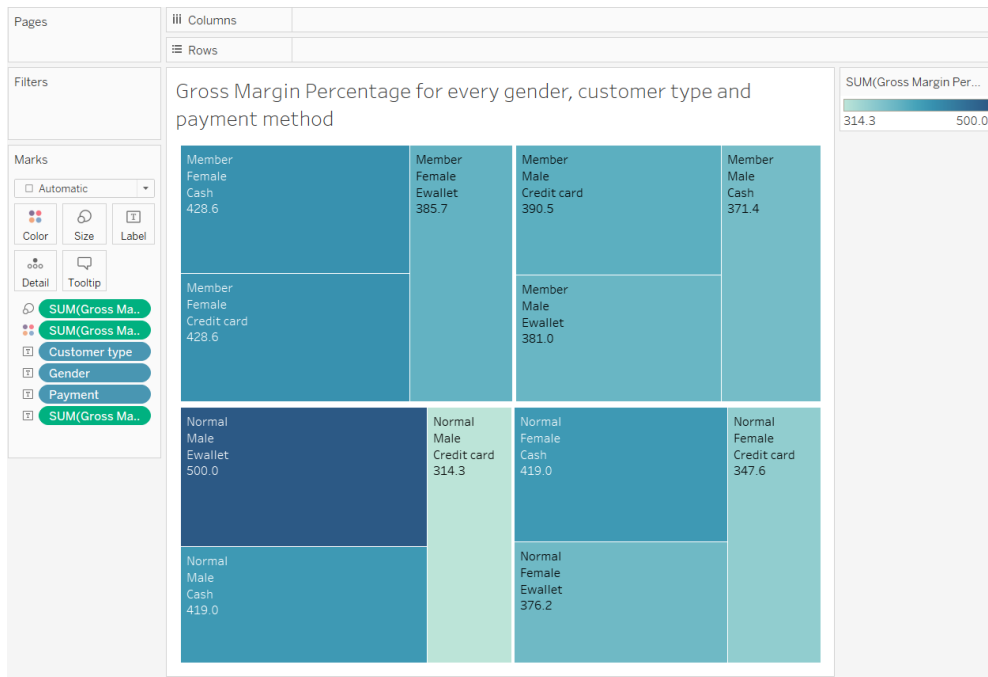

(v)Total COGS per branch:-

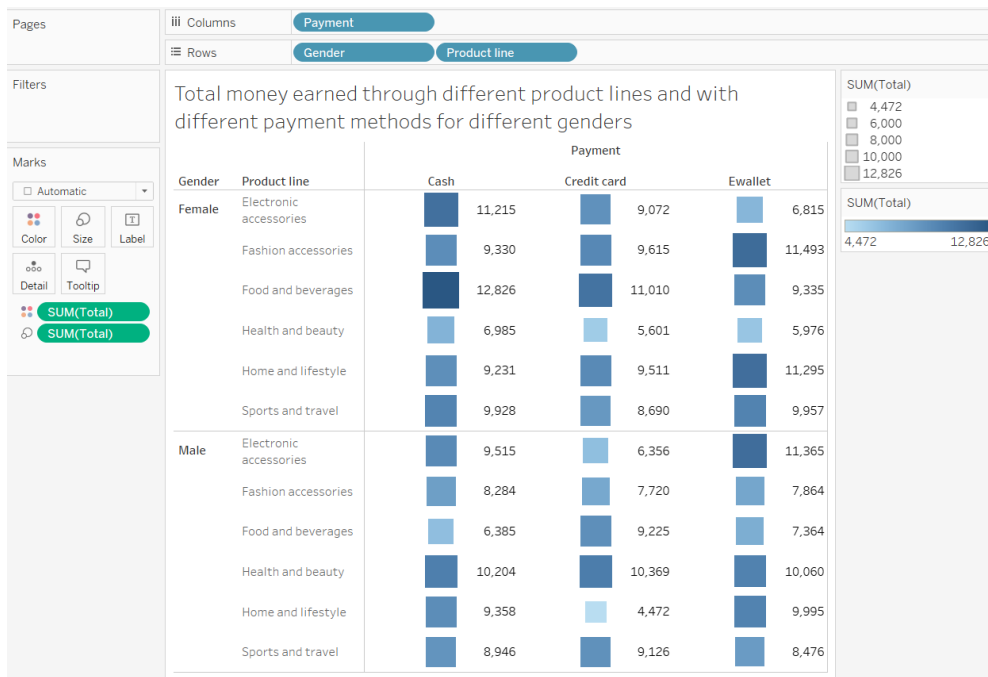# (vi) Gross Income w.r.t COGS per branch: -

(vii)Total Revenue and Gross Income for different Branches and Product lines according to average of their COGS: -

(viii) Gross Margin Percentage for every gender, customer type and payment method: -

Pages

iii Columns

≡ Rows

Filters

Marks

☐ Automatic ▾

Color | Size | Label
Detail | Tooltip

🔍 SUM(Gross Ma..
∷ SUM(Gross Ma..
T Customer type
T Gender
T Payment
T SUM(Gross Ma..

Gross Margin Percentage for every gender, customer type and payment method

SUM(Gross Margin Per...

314.3 ▬▬▬ 500.0

Member Female Cash 428.6	Member Female Ewallet 385.7	Member Male Credit card 390.5	Member Male Cash 371.4
Member Female Credit card 428.6		Member Male Ewallet 381.0	
Normal Male Ewallet 500.0	Normal Male Credit card 314.3	Normal Female Cash 419.0	Normal Female Credit card 347.6
Normal Male Cash 419.0		Normal Female Ewallet 376.2	

(ix) Total money earned through different product lines and with different payment methods for different genders: -

Pages

iii Columns | Payment

≡ Rows | Gender | Product line

Filters

Marks

☐ Automatic ▾

Color | Size | Label
Detail | Tooltip

∷ SUM(Total)
🔍 SUM(Total)

Total money earned through different product lines and with different payment methods for different genders

SUM(Total)
☐ 4,472
☐ 6,000
☐ 8,000
☐ 10,000
☐ 12,826

SUM(Total)
4,472 ▬▬▬ 12,826

Gender	Product line	Cash	Credit card	Ewallet
Female	Electronic accessories	11,215	9,072	6,815
	Fashion accessories	9,330	9,615	11,493
	Food and beverages	12,826	11,010	9,335
	Health and beauty	6,985	5,601	5,976
	Home and lifestyle	9,231	9,511	11,295
	Sports and travel	9,928	8,690	9,957
Male	Electronic accessories	9,515	6,356	11,365
	Fashion accessories	8,284	7,720	7,864
	Food and beverages	6,385	9,225	7,364
	Health and beauty	10,204	10,369	10,060
	Home and lifestyle	9,358	4,472	9,995
	Sports and travel	8,946	9,126	8,476

(x) Ratings for different Product Lines every month: -