Assignment-1

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Supermarket-sales Data module creation:

**As time is not necessary we deleted time attribute**

The date attribute is divided into date,month,year

Date	Month	Date	Year
1/5/2019	1	5	2019
3/8/2019	3	8	2019
3/3/2019	3	3	2019
1/27/2019	1	27	2019
2/8/2019	2	8	2019
3/25/2019	3	25	2019
2/25/2019	2	25	2019
2/24/2019	2	24	2019
1/10/2019	1	10	2019
2/20/2019	2	20	2019
2/6/2019	2	6	2019
3/9/2019	3	9	2019
2/12/2019	2	12	2019
2/7/2019	2	7	2019

Visualizations:

1. World Map:

Total for City regions and City points 10

Total (Sum)

106,197.67   110,568.71
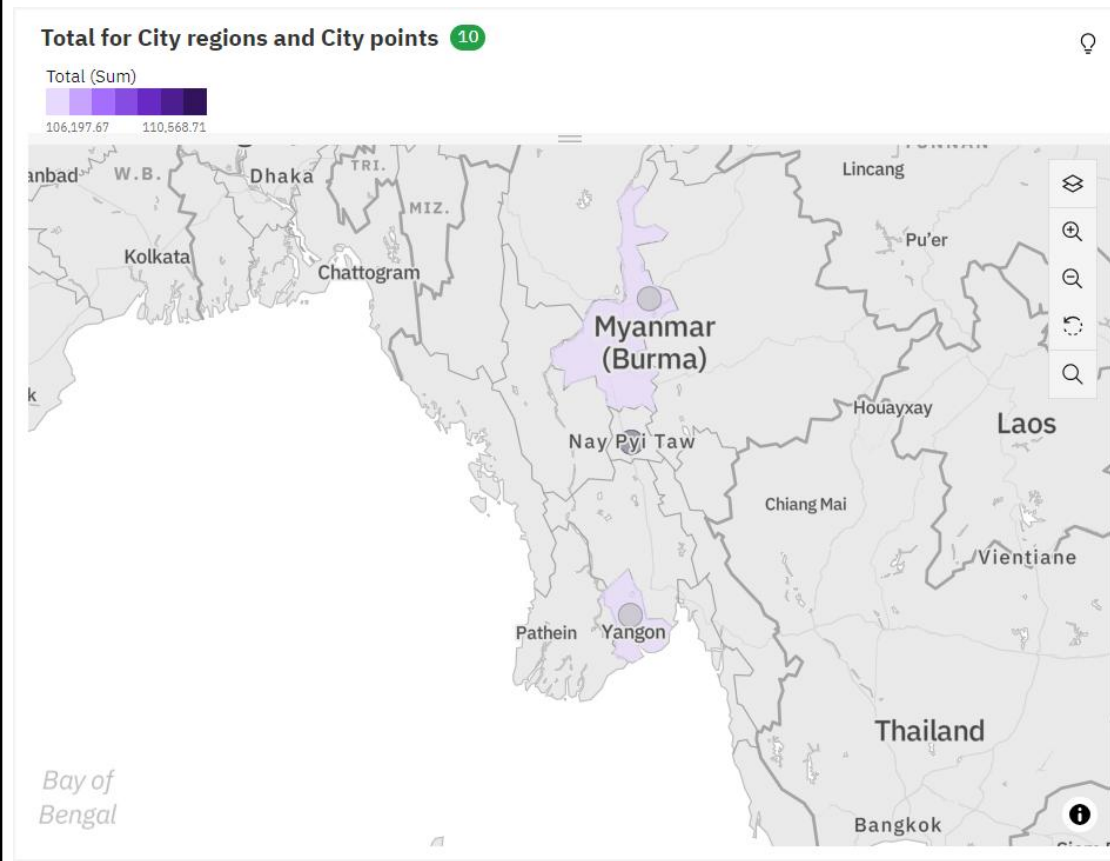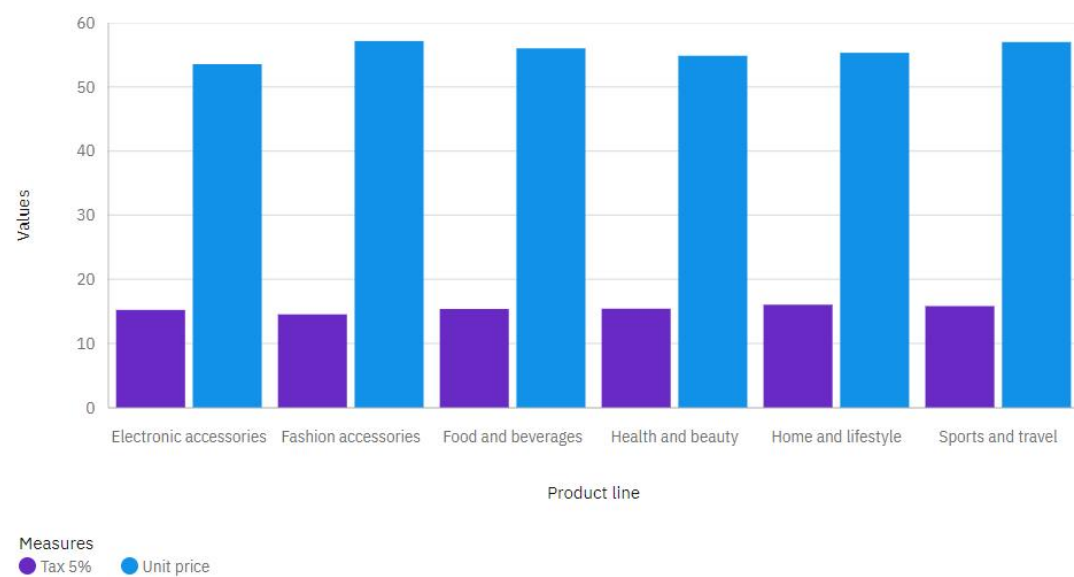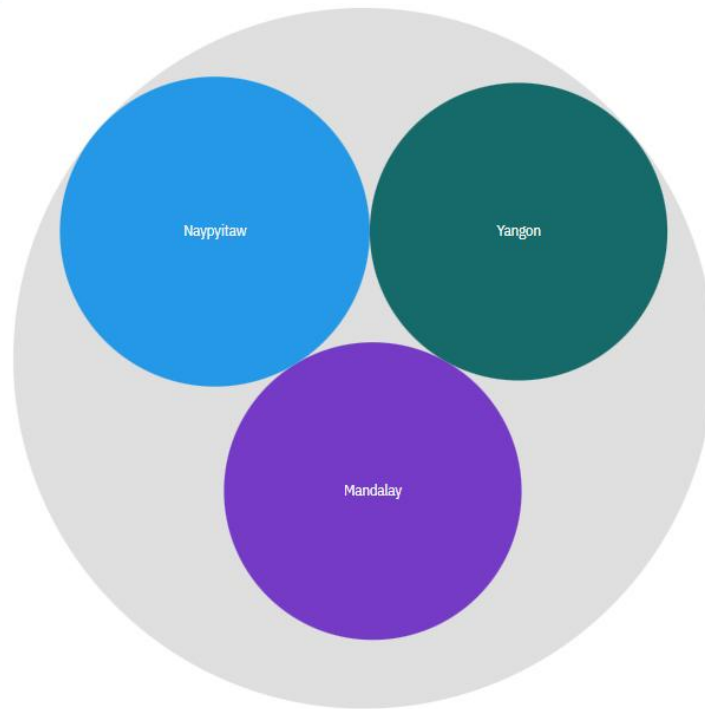
2. Bar Graph:

Unit price and Tax 5% by Product line

3. Hierarchy Bubble:

City hierarchy colored by City and sized by gross income `5`

gross income (Sum)

5,057.03   5,265.18

City
- Mandalay
- Naypyitaw
- Yangon

4. Pie chart:

Quantity by Day of the week `10`

Day of the week
- Monday
- Thursday
- Friday
- Sunday
- Wednesday
- Tuesday
- Saturday
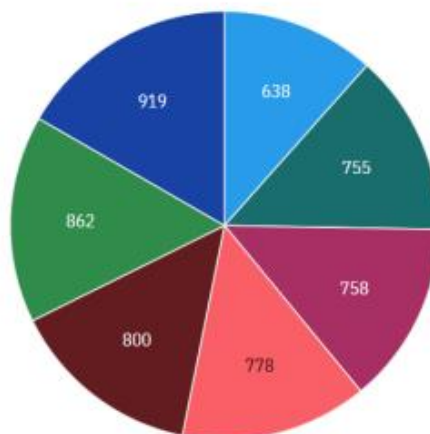
5. Line chart:

cogs by Date colored by City

City
● Mandalay ● Naypyitaw ● Yangon

6. Column chart:

cogs by City colored by Gender

Gender
● Female ● Male

7. Cross tab:

Unit price for Customer type ④

	Unit price
Member	56.21 ↑
Normal	55.14 ↓
Summary	**55.67**

8.Scatter Plot:

gross income by Payment with points for gross margin percentage

gross income (Sum)

4,798.43   5,343.17

gross income (Sum) **5**