

# Assignment-1

Name: Vemula Kesavaaditya Gupta

Email ID: [kesavaaditya.21bce7839@vitapstudent.ac.in](mailto:kesavaaditya.21bce7839@vitapstudent.ac.in)

Registration Number:21BCE7839

Supermarket-sales Data module creation:

Row Id	Invoice ID	Branch	City	Customer type	Gender	Product line
1	750-67-8428	A	Yangon	Member	Female	Health and beau
2	226-31-3081	C	Naypyitaw	Normal	Female	Electronic acces
3	631-41-3108	A	Yangon	Normal	Male	Home and lifest
4	123-19-1176	A	Yangon	Member	Male	Health and beau
5	373-73-7910	A	Yangon	Normal	Male	Sports and trav
6	699-14-3026	C	Naypyitaw	Normal	Male	Electronic acces
7	355-53-5943	A	Yangon	Member	Female	Electronic acces
8	315-22-5665	C	Naypyitaw	Normal	Female	Home and lifest
9	665-32-9167	A	Yangon	Member	Female	Health and beau
10	692-92-5582	B	Mandalay	Member	Female	Food and bever
11	351-62-0822	B	Mandalay	Member	Female	Fashion accesss
12	529-56-3974	B	Mandalay	Member	Male	Electronic acces
13	365-64-0515	A	Yangon	Normal	Female	Electronic acces

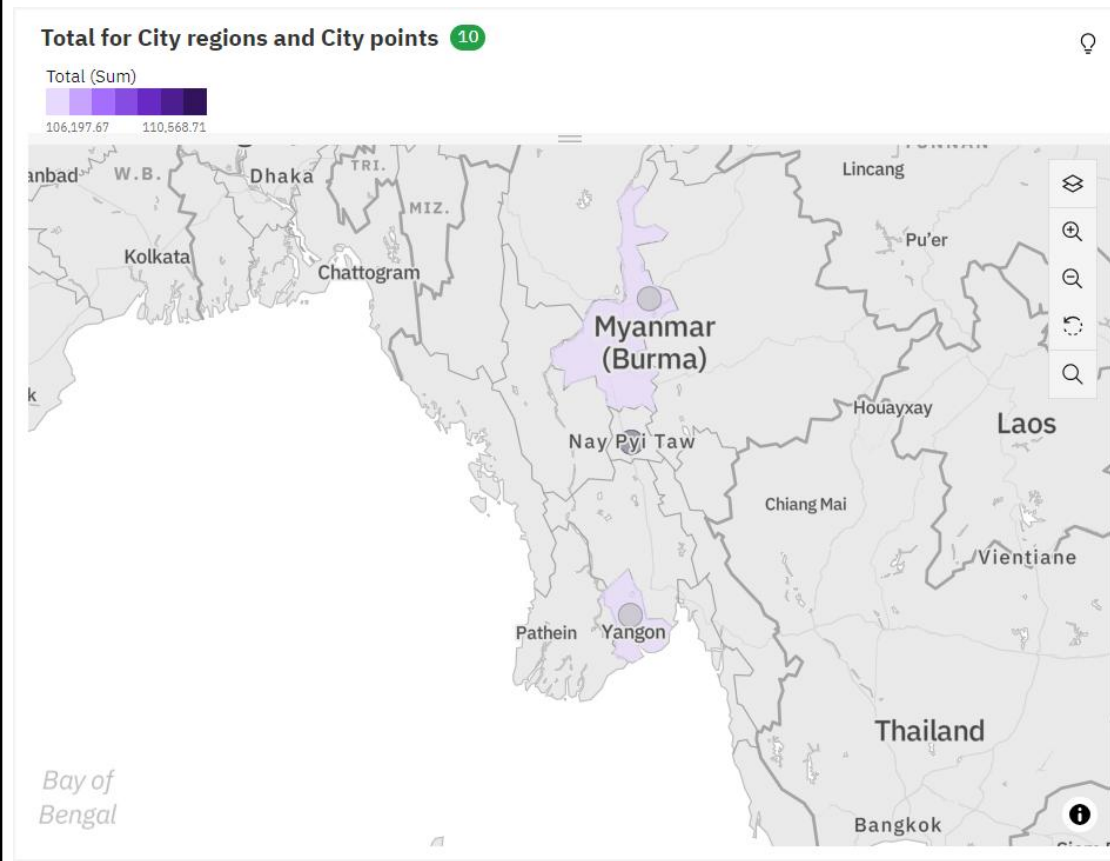
As time is not necessary we deleted time attribute

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

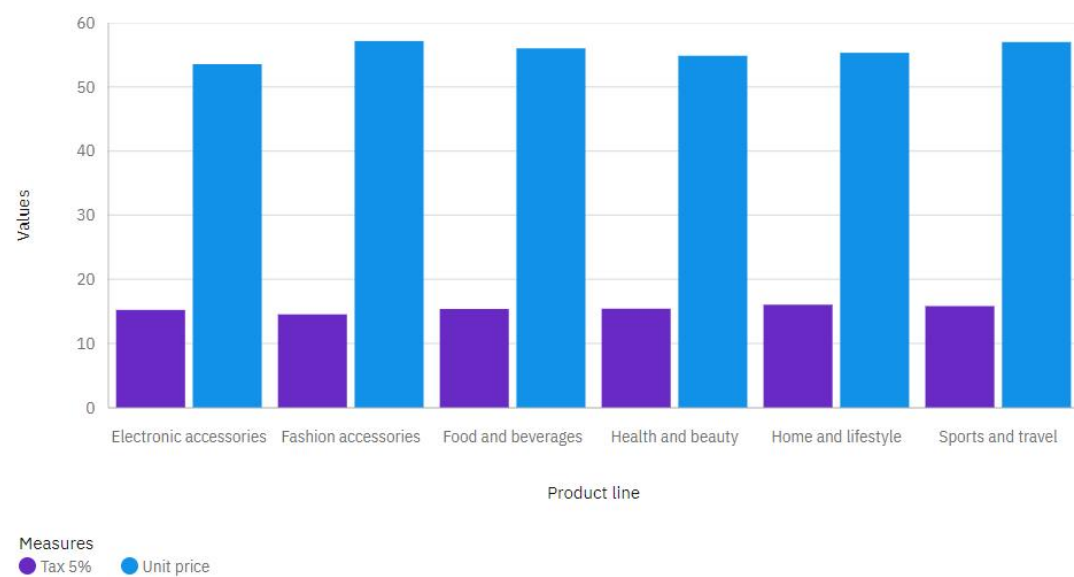
## Visualizations:

### 1. World Map:



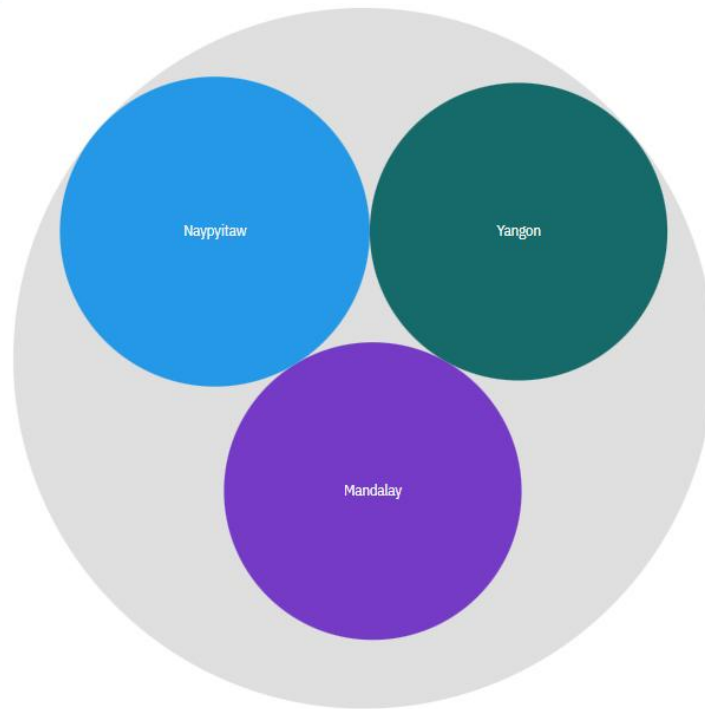
### 2. Bar Graph:

Unit price and Tax 5% by Product line



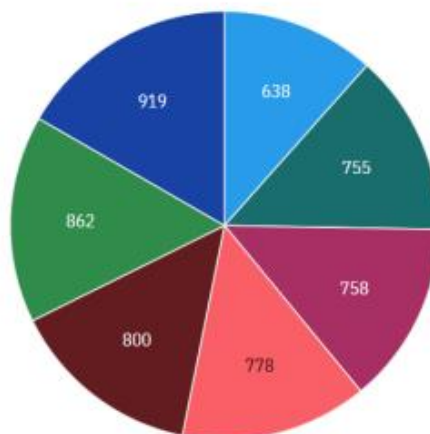
### 3. Hierarchy Bubble:

City hierarchy colored by City and sized by gross income 5



### 4. Pie chart:

Quantity by Day of the week 10



## 5. Line chart:

cogs by Date colored by City



## 6. Column chart:

cogs by City colored by Gender



## 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

