DA ASSIGNMENT 03

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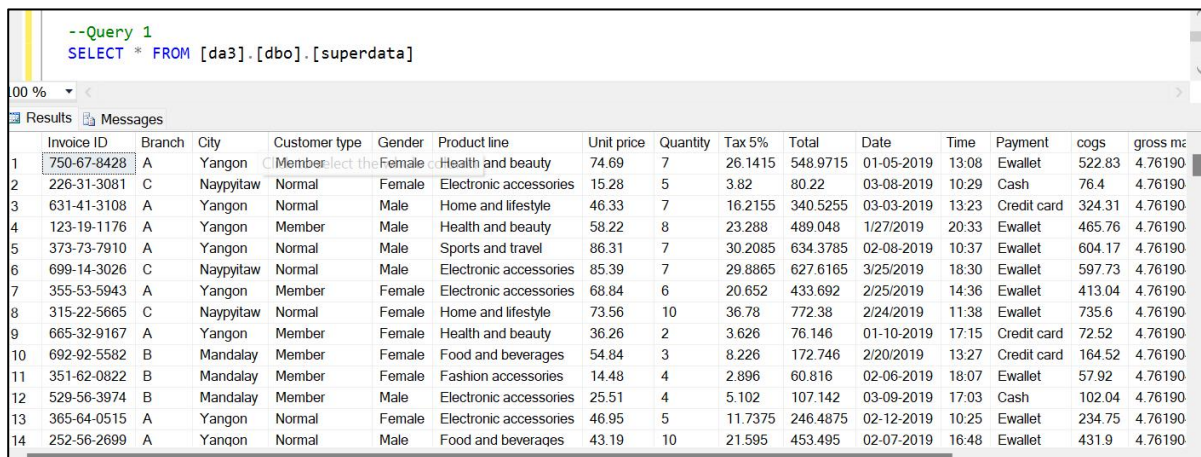Dataset link: https://drive.google.com/file/d/1UmrCVmQFQYorNUTw414G3xot6rm46BwR/view

CHALLENGE

Upload the dataset to Mysql and integrate with Tableau, delete the unnecessary columns,

explore and visualize the dataset using Tableau.

Step 1: MYSQL
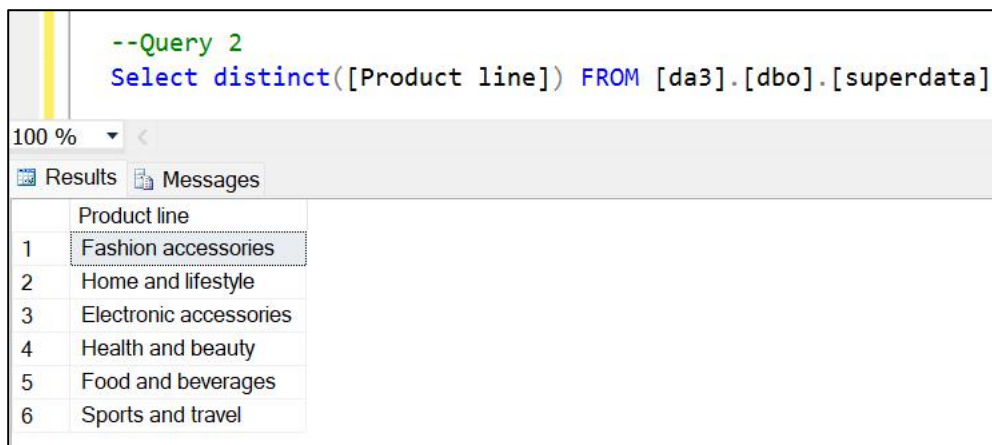
Query 1

```
SELECT * FROM [da3].[dbo].[superdata]
```


Query 2
```
Select distinct([Product line]) FROM [da3].[dbo].[superdata]
```


Query 3
```
Select distinct([city]) FROM [da3].[dbo].[superdata]
```

```
    --Query 3
    Select distinct([city]) FROM [da3].[dbo].[superdata]
```

% ▼ ‹

Results | Messages

city
Mandalay
Yangon
Naypyitaw

Query 4
Select [Product line] From [da3].[dbo].[superdata] where Payment='Cash'

```
    --Query 4
    Select [Product line] From [da3].[dbo].[superdata] where Payment='Cash'
```

100 % ▼ ‹

Results | Messages

	Product line
1	Electronic accessories
2	Electronic accessories
3	Health and beauty
4	Sports and travel
5	Fashion accessories
6	Food and beverages
7	Health and beauty
8	Sports and travel
9	Sports and travel
10	Home and lifestyle
11	Home and lifestyle
12	Sports and travel
13	Food and beverages
14	Health and beauty
15	Electronic accessories

Query 5
Select [Product line], Rating From [da3].[dbo].[superdata] where Rating>'9.5'

```sql
--Query 5
Select [Product line], Rating From [da3].[dbo].[superdata] where Rating>'9.5'
```

	Product line	Rating
1	Electronic accessories	9.6
2	Electronic accessories	9.9
3	Food and beverages	9.6
4	Fashion accessories	9.9
5	Food and beverages	9.6
6	Fashion accessories	9.9
7	Food and beverages	9.9
8	Home and lifestyle	9.8
9	Food and beverages	9.9
10	Home and lifestyle	9.7
11	Electronic accessories	9.8
12	Food and beverages	9.6
13	Health and beauty	9.9
14	Home and lifestyle	9.9
15	Electronic accessories	9.9

```sql
--Query 6
select count([Customer type]) as total_customers from [da3].[dbo].[superdata]

--Query 7
```

	total_customers
1	1000

```sql
--Query 7
select city,count([Customer type]) as total_customers from [da3].[dbo].[superdata]
group by city
```

	city	total_customers
1	Mandalay	332
2	Yangon	340
3	Naypyitaw	328

```sql
--Query 8
select distinct([payment]) as 'modes_of_payments' from [da3].[dbo].[superdata]
```
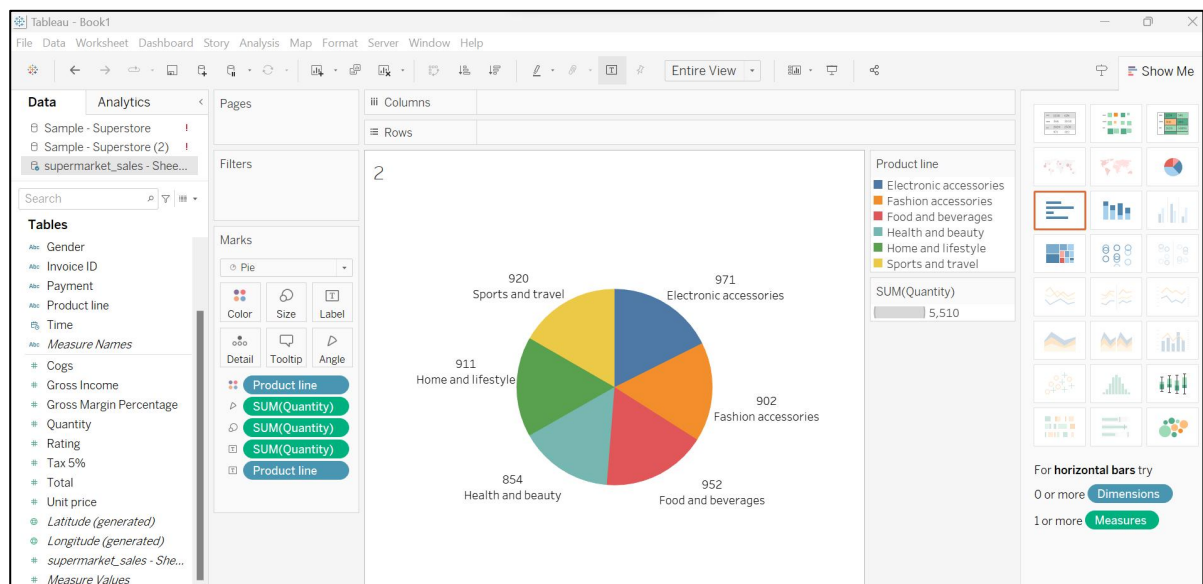
modes_of_payments
Credit card
Cash
Ewallet

STEP 2: Integrated TABLEAU with Mysql server
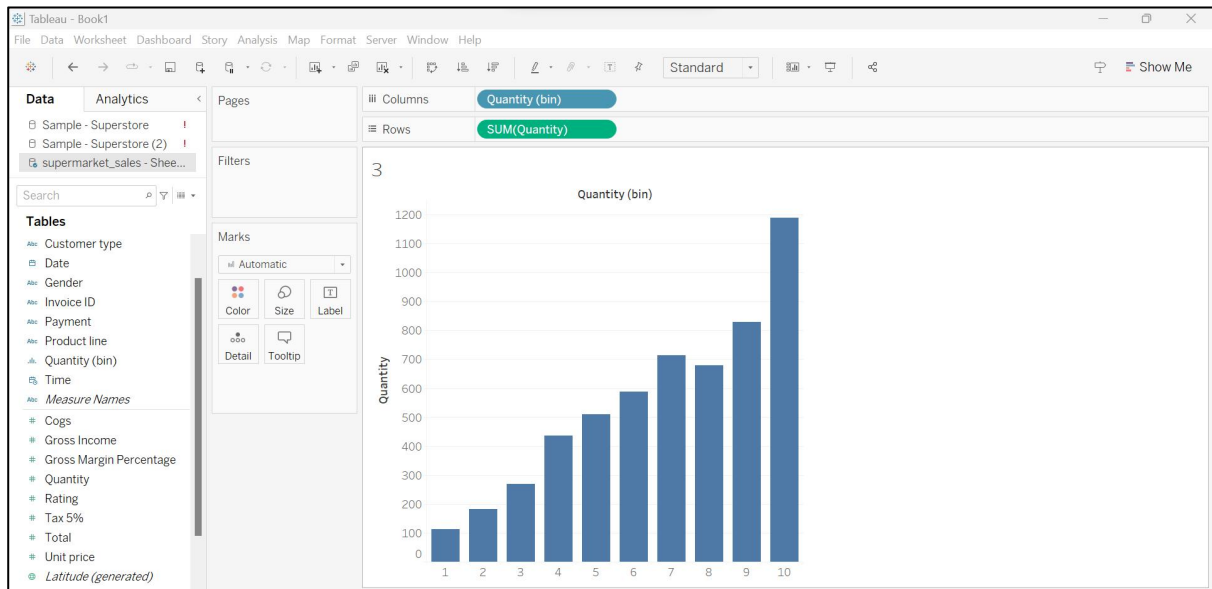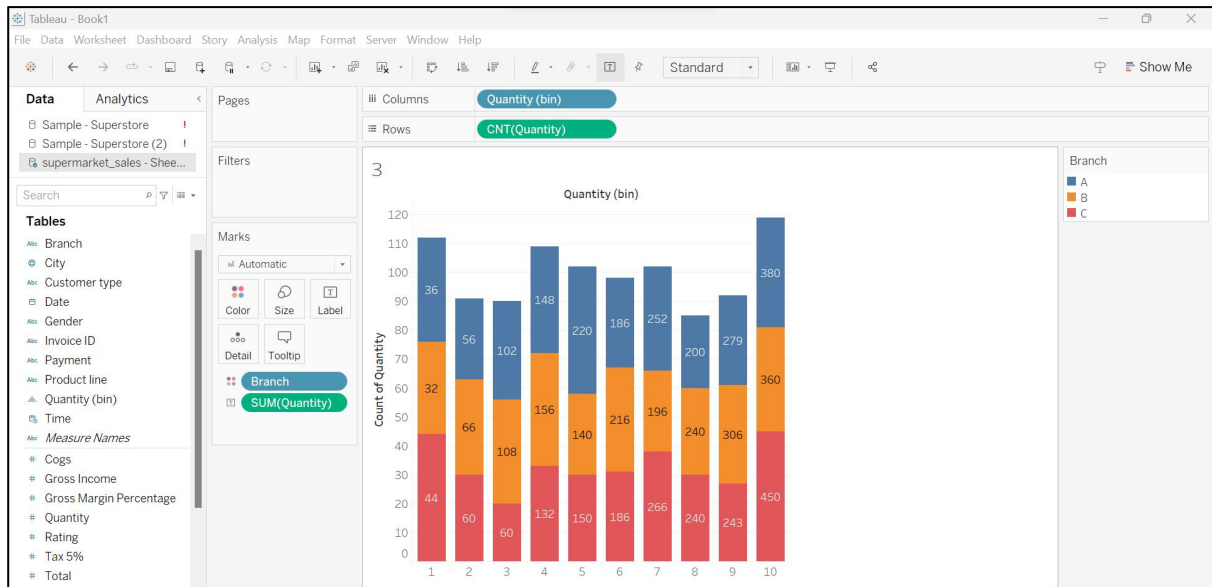
Visualization 1:
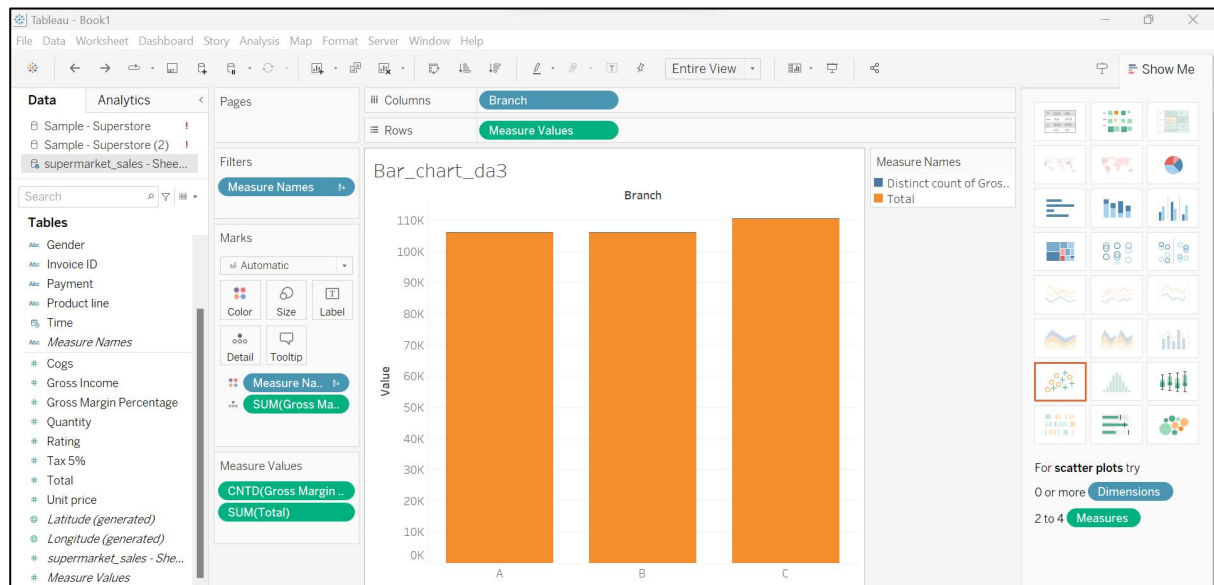
Visualization 2:

Visualization 3:

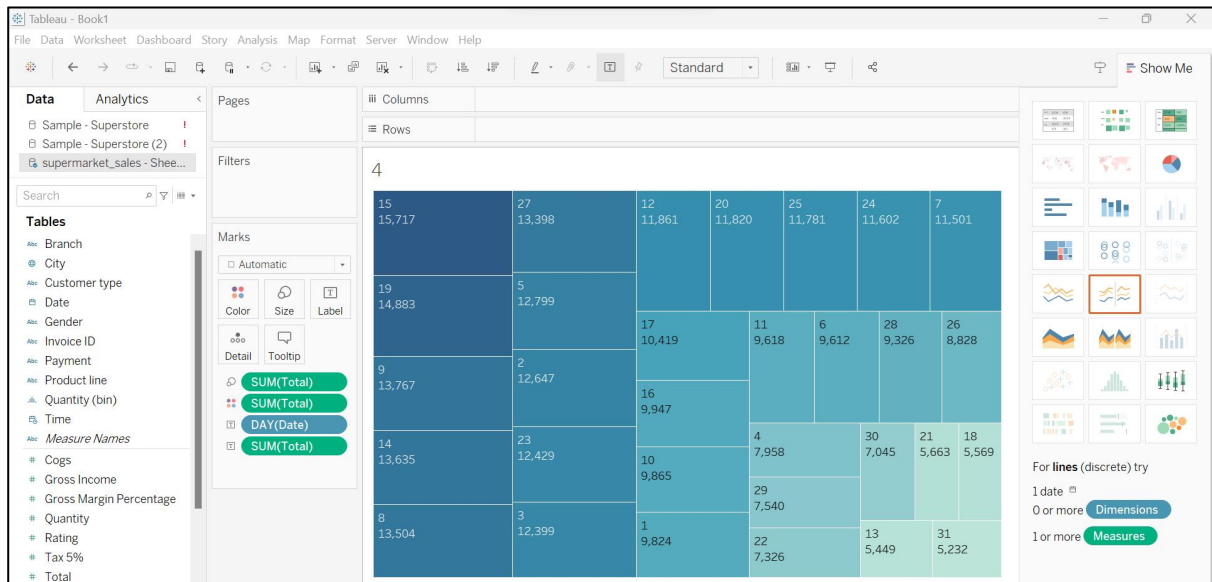Quantity(bin): tells the number of items

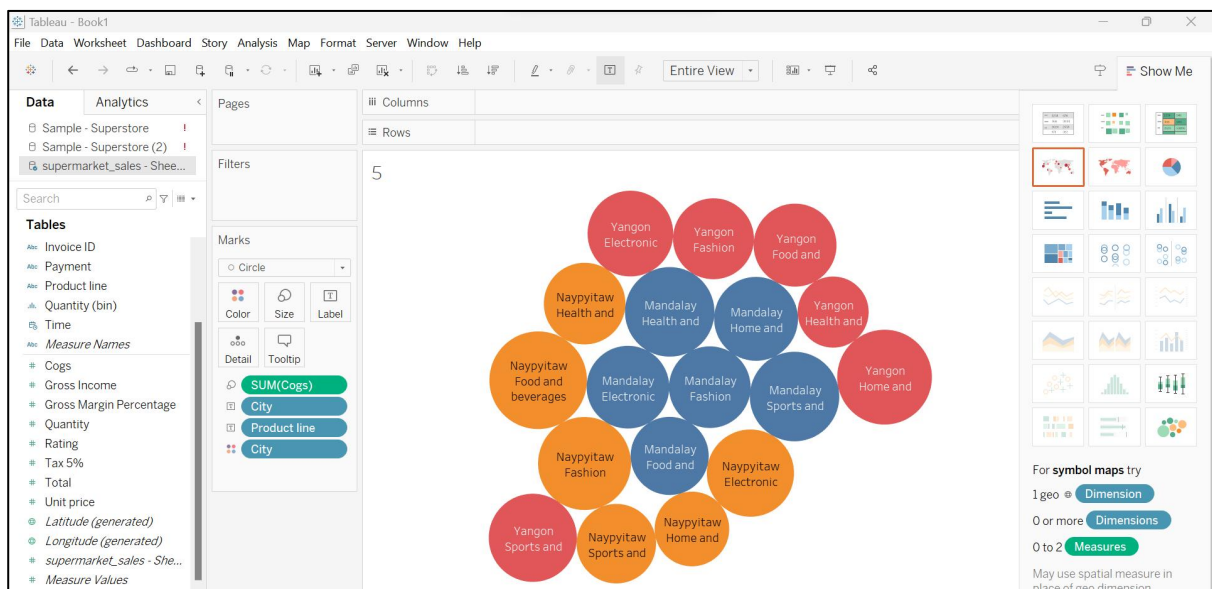Quantity: tells the total amount with respect to the number of items purchased
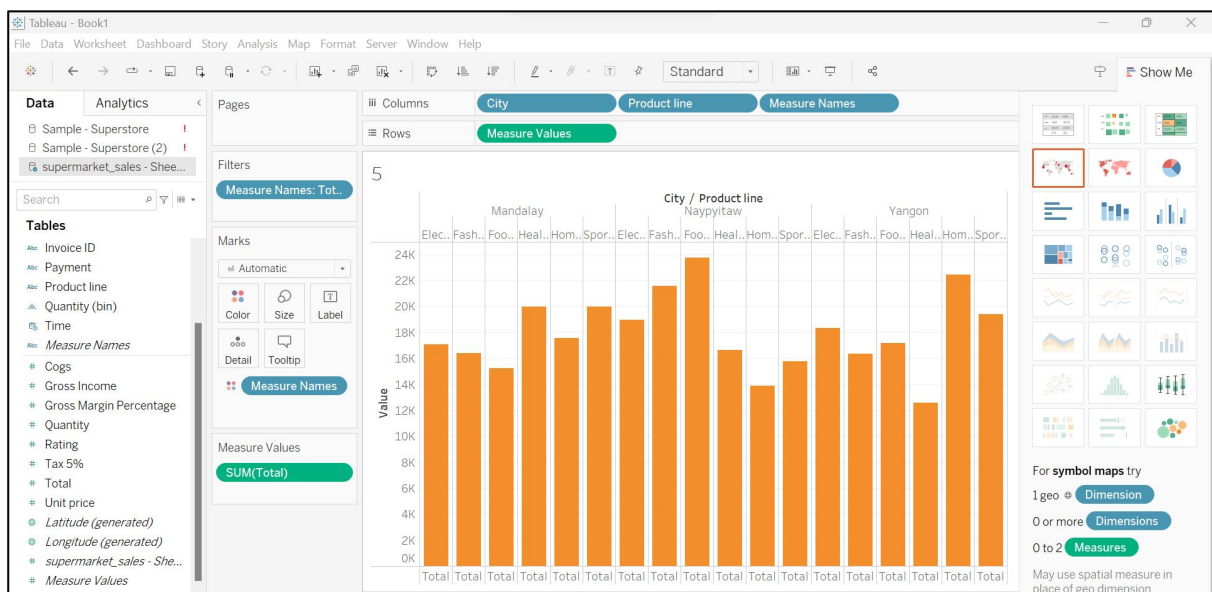
Visualization 4:

Visualization 5:

Visualization 6:

Visualization 7:

Visualization 8: