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Subject: Cognos Data Analytics

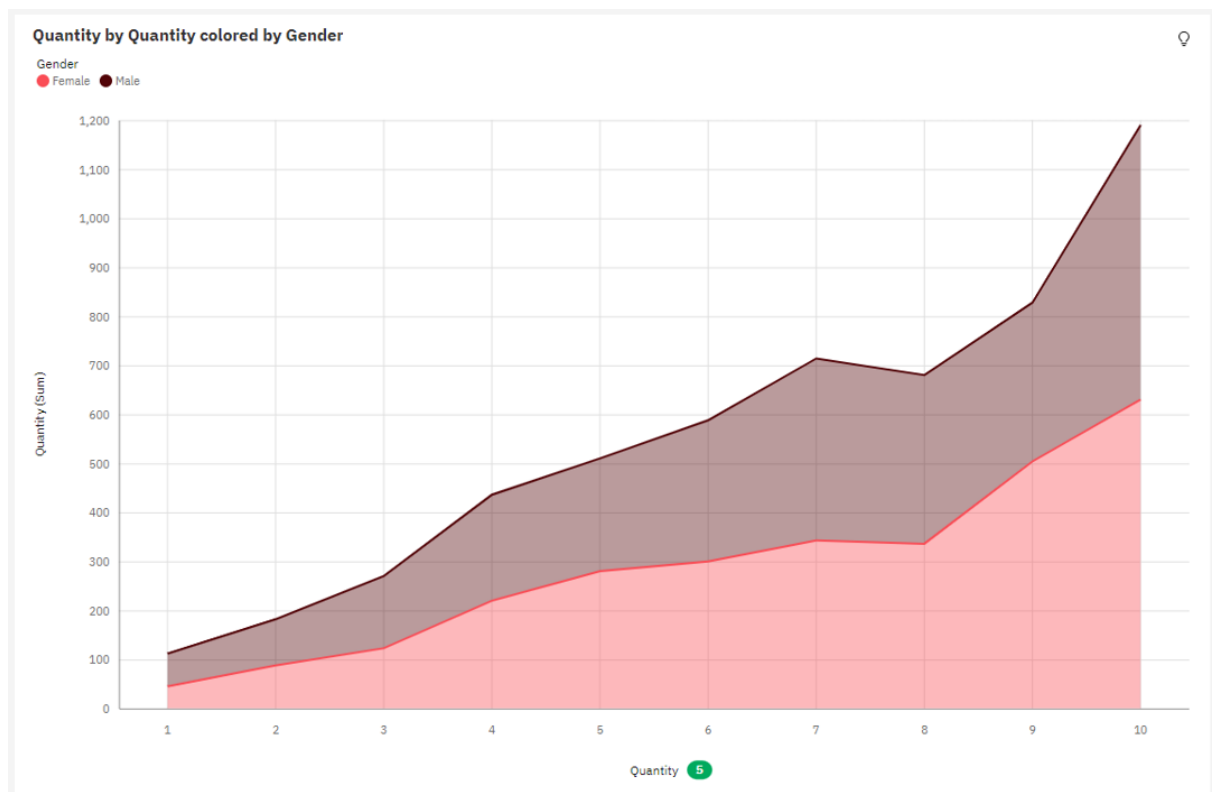
Assignment: 01

1. Data Set:

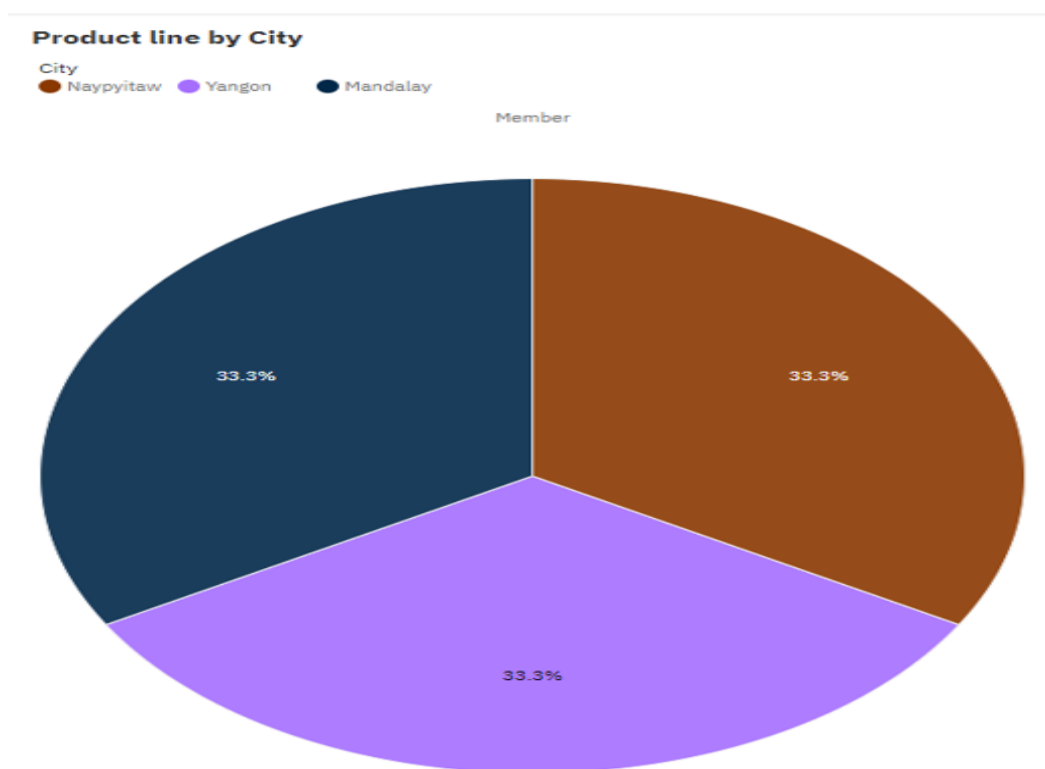
original price	Row Id	Branch	City	Customer type	Gender	Product line	Unit price	Quantity
26.14	1	A	Yangon	Member	Female	Health and beauty	74.69	7
3.82	2	C	Naypyitaw	Normal	Female	Electronic accessories	15.28	5
16.22	3	A	Yangon	Normal	Male	Home and lifestyle	46.33	7
23.29	4	A	Yangon	Member	Male	Health and beauty	58.22	8
30.21	5	A	Yangon	Normal	Male	Sports and travel	86.31	7
29.89	6	C	Naypyitaw	Normal	Male	Electronic accessories	85.39	7
20.65	7	A	Yangon	Member	Female	Electronic accessories	68.84	6
36.78	8	C	Naypyitaw	Normal	Female	Home and lifestyle	73.56	10
3.63	9	A	Yangon	Member	Female	Health and beauty	36.26	2
8.23	10	B	Mandalay	Member	Female	Food and beverages	54.84	3
2.90	11	B	Mandalay	Member	Female	Fashion accessories	14.48	4
5.10	12	B	Mandalay	Member	Male	Electronic accessories	25.51	4
11.74	13	A	Yangon	Normal	Female	Electronic accessories	46.95	5
21.60	14	A	Yangon	Normal	Male	Food and beverages	43.19	10
35.69	15	A	Yangon	Normal	Female	Health and beauty	71.38	10

Visualisations in IBM Cognos:

1. Plot by Area:



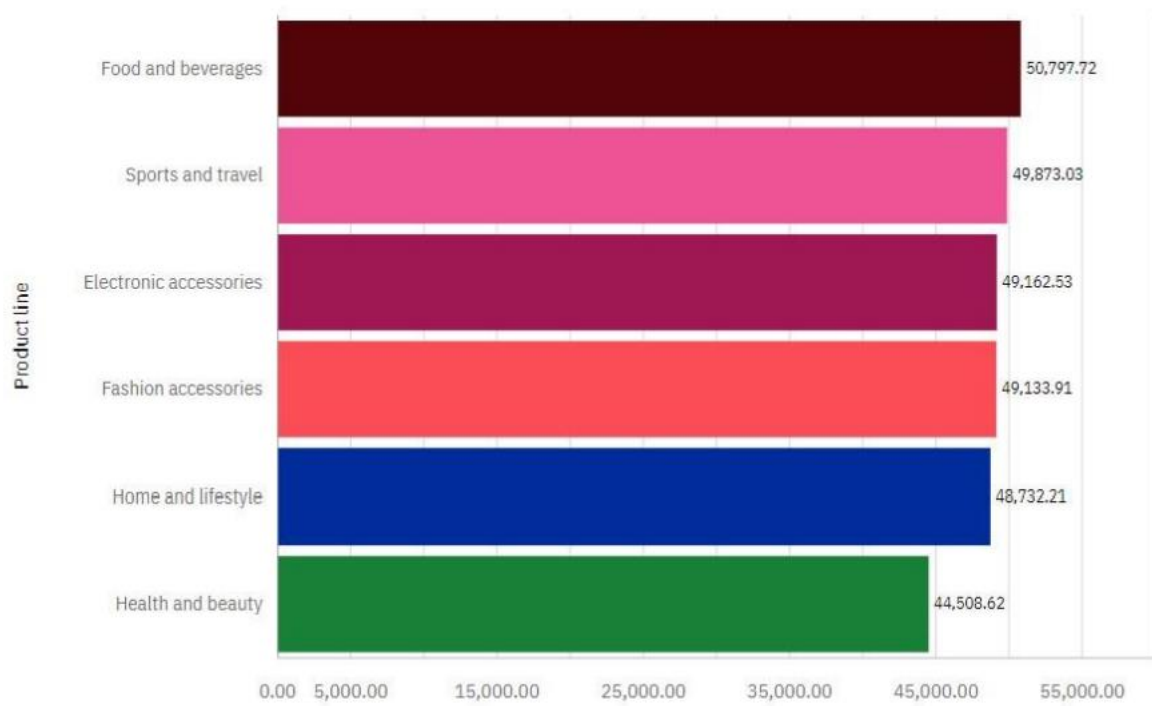
2. Pie Chart Representation:



3. Plot by Bar:

Revenue by Product line colored by Product line

Product line
 Sports and travel Home and lifestyle Health and beauty Food and beverages Fashion accessories
 Electronic accessories

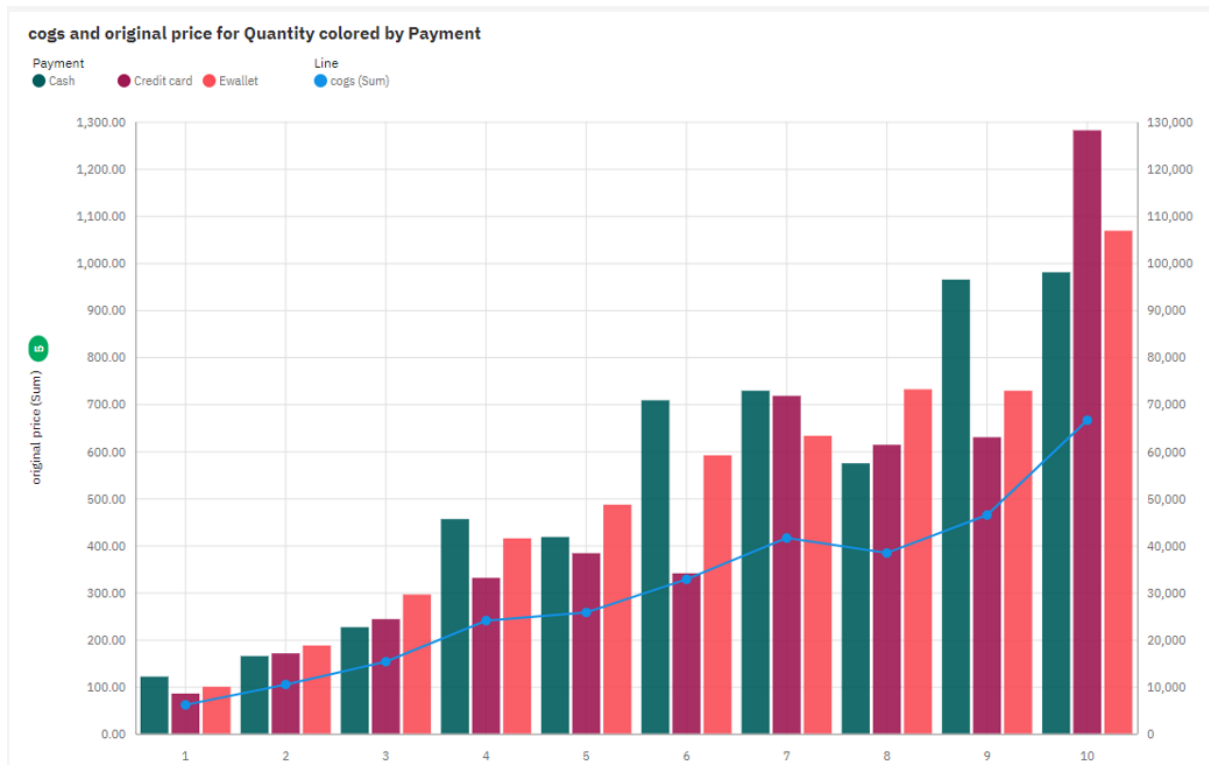


4. Plot by Table:

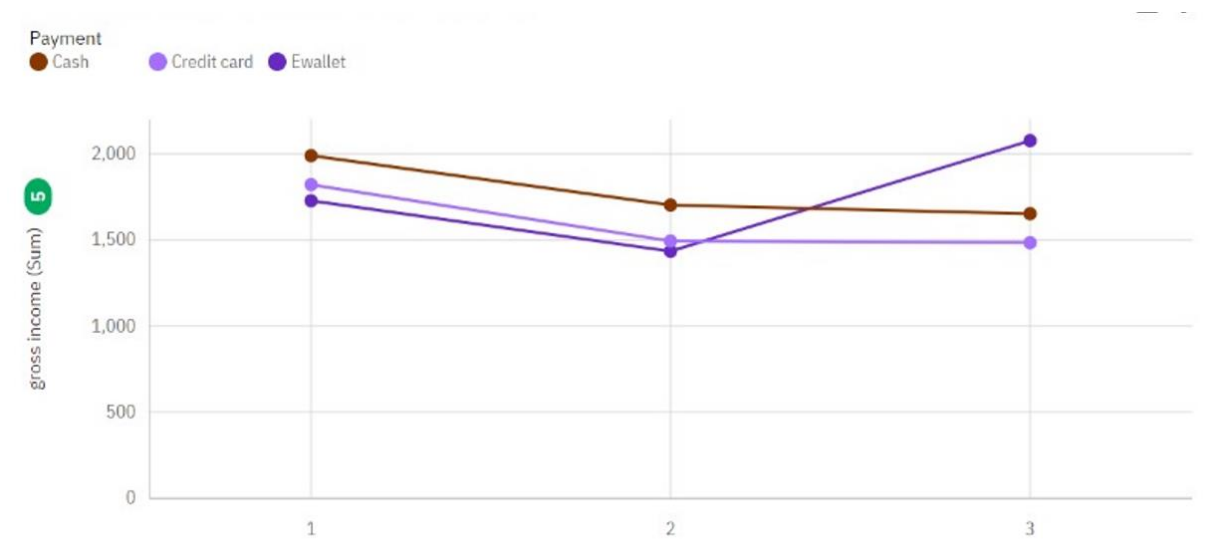
Profit for Product line and City 5

Profit	Electronic accessories	Fashion accessories	Food and beverages	Health and beauty	Home
Mandalay	-1,623.95 ↓	-1,563.17 ↓	-1,449.04 ↓	-1,902.92 ↓	
Naypyitaw	-1,806.57 ↓	-2,053.34 ↓	-2,263.51 ↓	-1,582.41 ↓	
Yangon	-1,744.49 ↓	-1,555.48 ↓	-1,634.58 ↓	-1,199.79 ↓	
Summary	-5,175.00	-5,171.99	-5,347.13	-4,685.12	

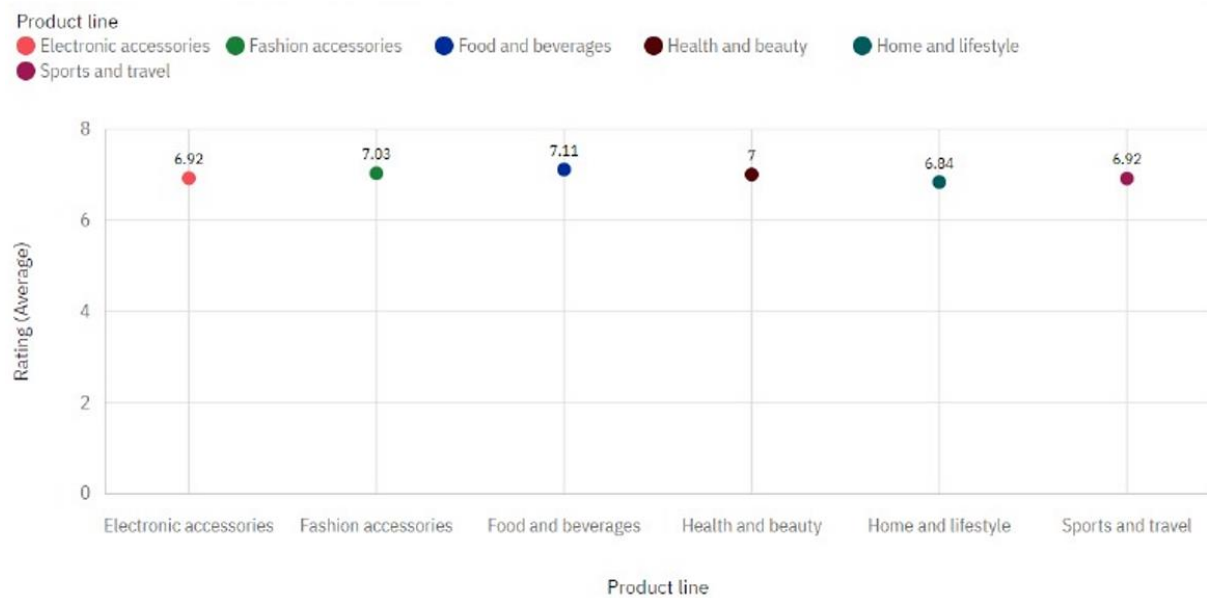
5. Plot by column:



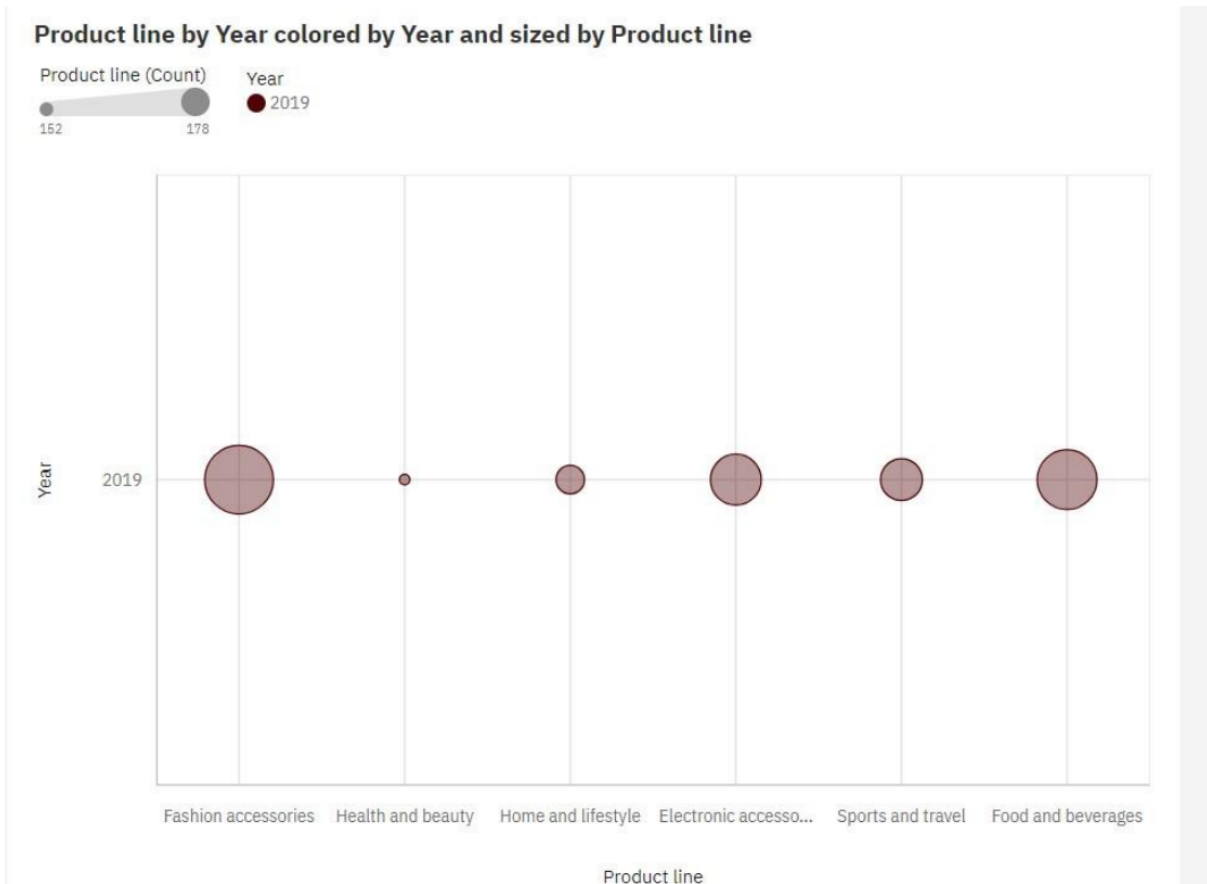
6. Plot by Gross Income(X-Axis month)



7. Plot of Rating of Each Product:



8. Plot by Circles:



9. Plot of Rating by Customer Type

Rating by Customer type

Customer type
● Member ● Normal

