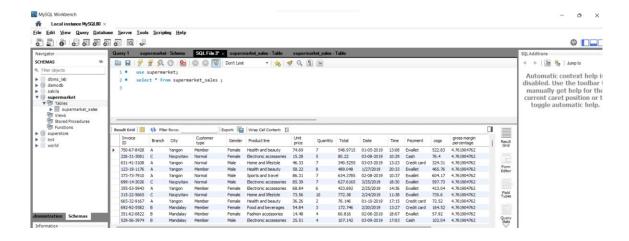
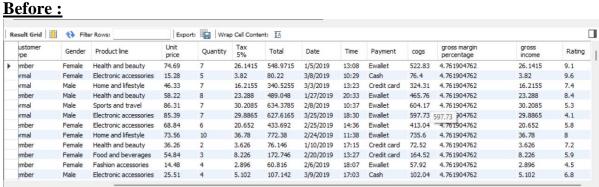
#### IBM COGNOS DATA ANALYTICS ASSIGNMENT-3

Name: K.Subash Reg no: 21BCB7066

Uploading data into MySQL

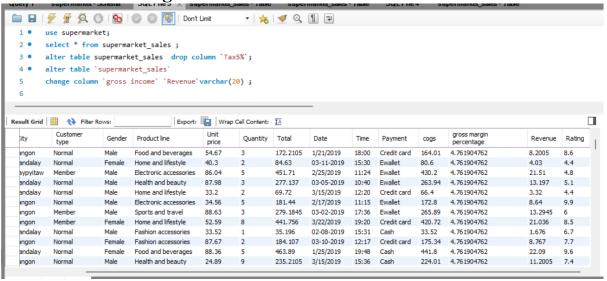


- > Data cleaning
  - 1. Since columns Tax5% and gross income have the same values, we can remove any of the columns so column Tax5% is deleted

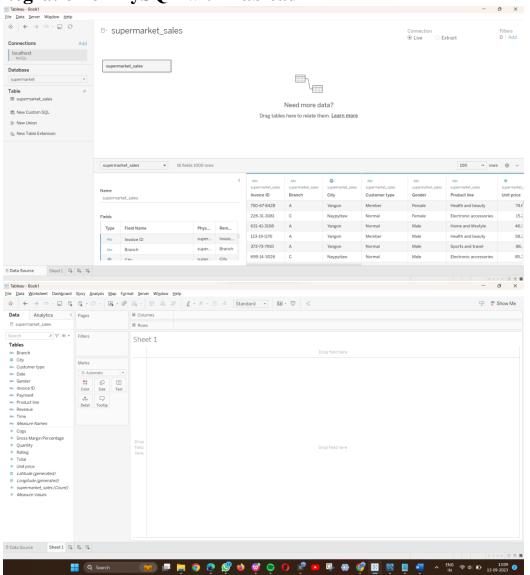


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	Customer type	Gender	Product line	Unit price	Quantity	Total	Date	Time	Payment	cogs	gross margin percentage	gross income	Ra
n	Member	Female	Health and beauty	74.69	7	548.9715	01-05-2019	13:08	Ewallet	522.83	4.761904762	26.1415	9.
ritaw	Normal	Female	Electronic accessories	15.28	5	80.22	03-08-2019	10:29	Cash	76.4	4.761904762	3.82	9.
n	Normal	Male	Home and lifestyle	46.33	7	340.5255	03-03-2019	13:23	Credit card	324.31	4.761904762	16.2155	7.
n	Member	Male	Health and beauty	58.22	8	489.048	1/27/2019	20:33	Ewallet	465.76	4.761904762	23.288	8.
n	Normal	Male	Sports and travel	86.31	7	634.3785	02-08-2019	10:37	Ewallet	604.17	4.761904762	30.2085	5.
ritaw	Normal	Male	Electronic accessories	85.39	7	627.6165	3/25/2019	18:30	Ewallet	597.73	4.761904762	29.8865	4.
n	Member	Female	Electronic accessories	68.84	6	433.692	2/25/2019	14:36	Ewallet	413.04	4.761904762	20.652	5.8
ritaw	Normal	Female	Home and lifestyle	73.56	10	772.38	2/24/2019	11:38	Ewallet	735.6	4.761904762	36.78	8
n	Member	Female	Health and beauty	36.26	2	76.146	01-10-2019	17:15	Credit card	72.52	4.761904762	3.626	7.3
alay	Member	Female	Food and beverages	54.84	3	172.746	2/20/2019	13:27	Credit card	164.52	4.761904762	8.226	5.9
	Member	Female	Fashion accessories	14.48	4	60.816	02-06-2019	18:07	Ewallet	57.92	4.761904762	2.896	4.5
alay		Male		25.51	4	107, 142	03-09-2019	17:03	Cash	102.04	4.761904762	5, 102	6.8

2. Renamed column 'gross income' to 'revenue'

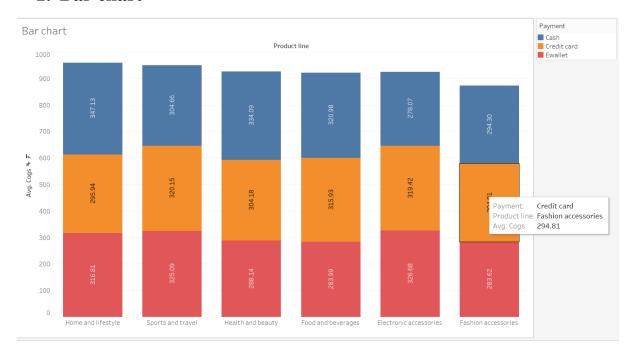


> Integration of MySQL with Tableau

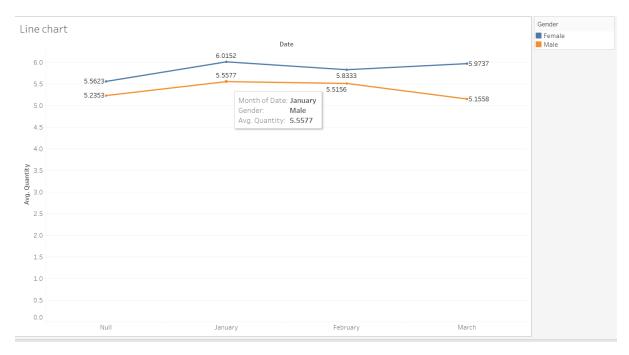


#### > Visualizations of the dataset

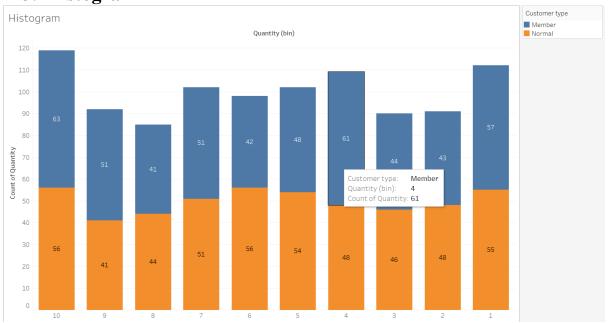
### 1. Bar chart



#### 2. Line chart



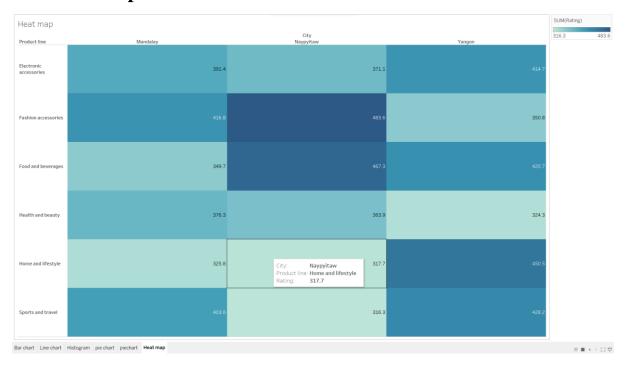
## 3. Histogram



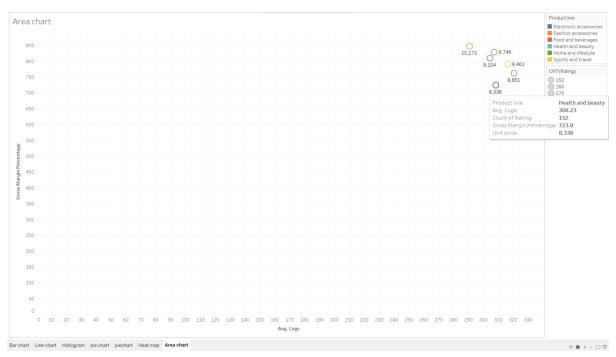
### 4. Pie chart



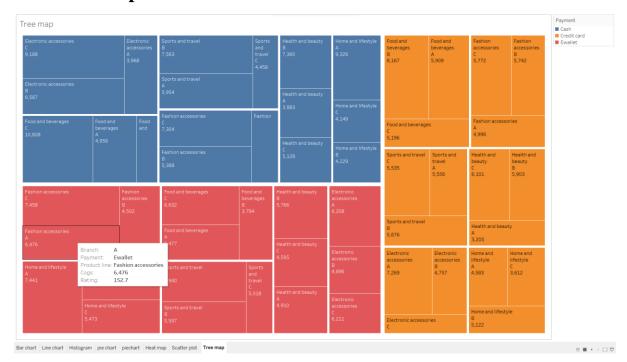
## 5. Heat map



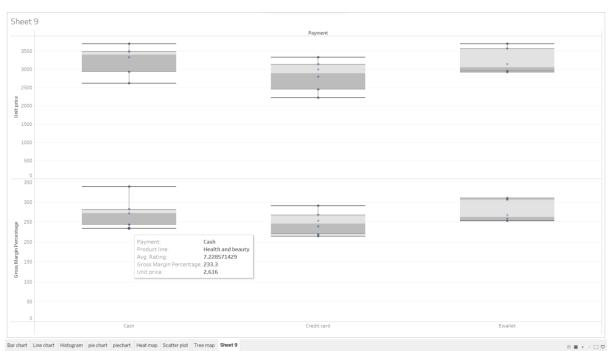
## 6. Scatter plot



# 7. Tree map

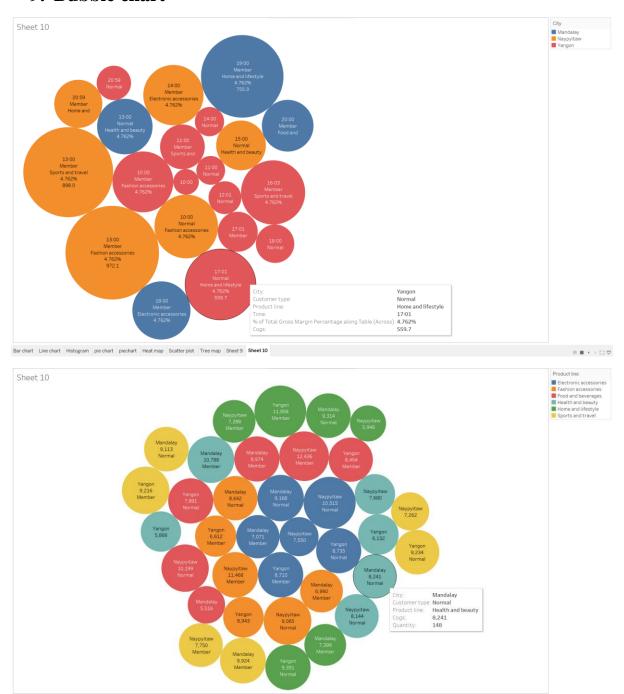


## 8. Box and whisker plots

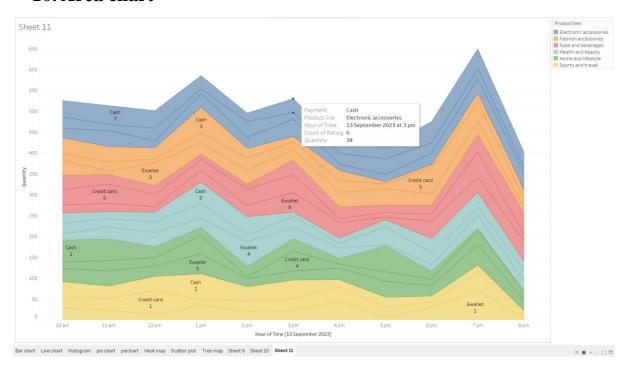


#### 9. Bubble chart

Bar chart Line chart Histogram pie chart piechart Heat map Scatter plot Tree map Sheet 9 Sheet 10 Area chart



#### 10. Area chart



#### 11. Stacked Bar chart

