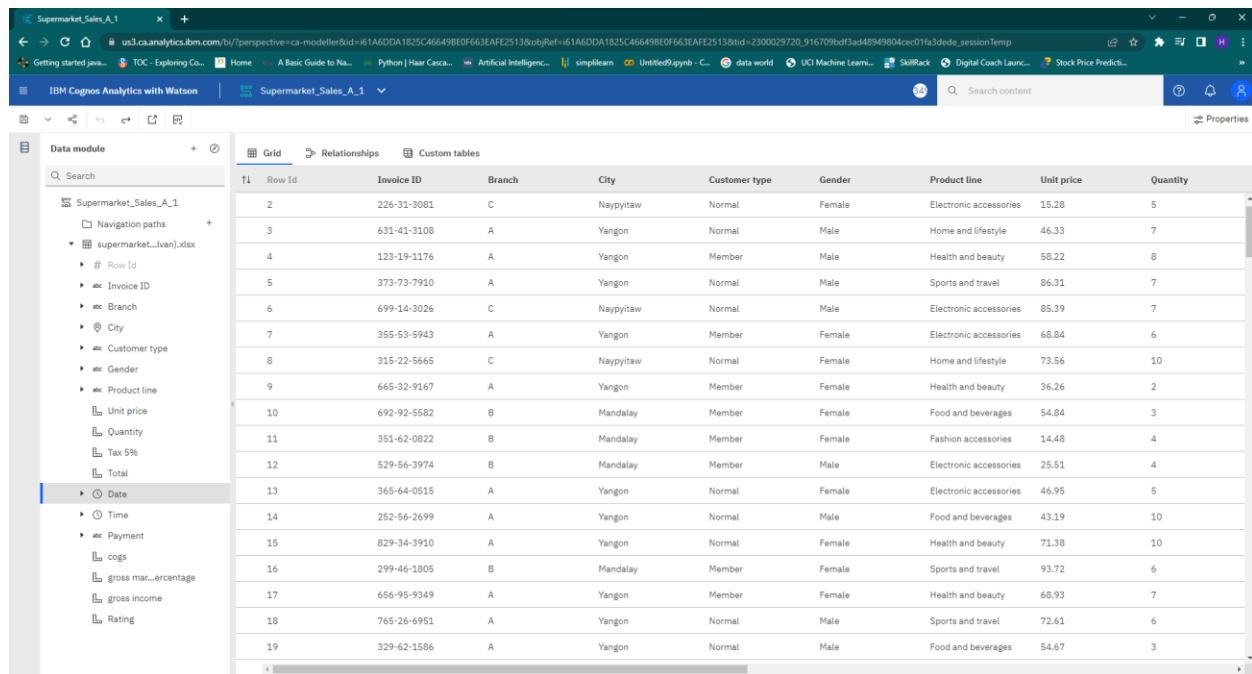


Data Analytics Assignment – 1

The growth of supermarkets in most populated cities is increasing and market competitions are also high. The dataset is one of the historical sales of supermarket company which has recorded in 3 different branches for 3 months data. Predictive data analytics methods are easy to apply to this dataset.

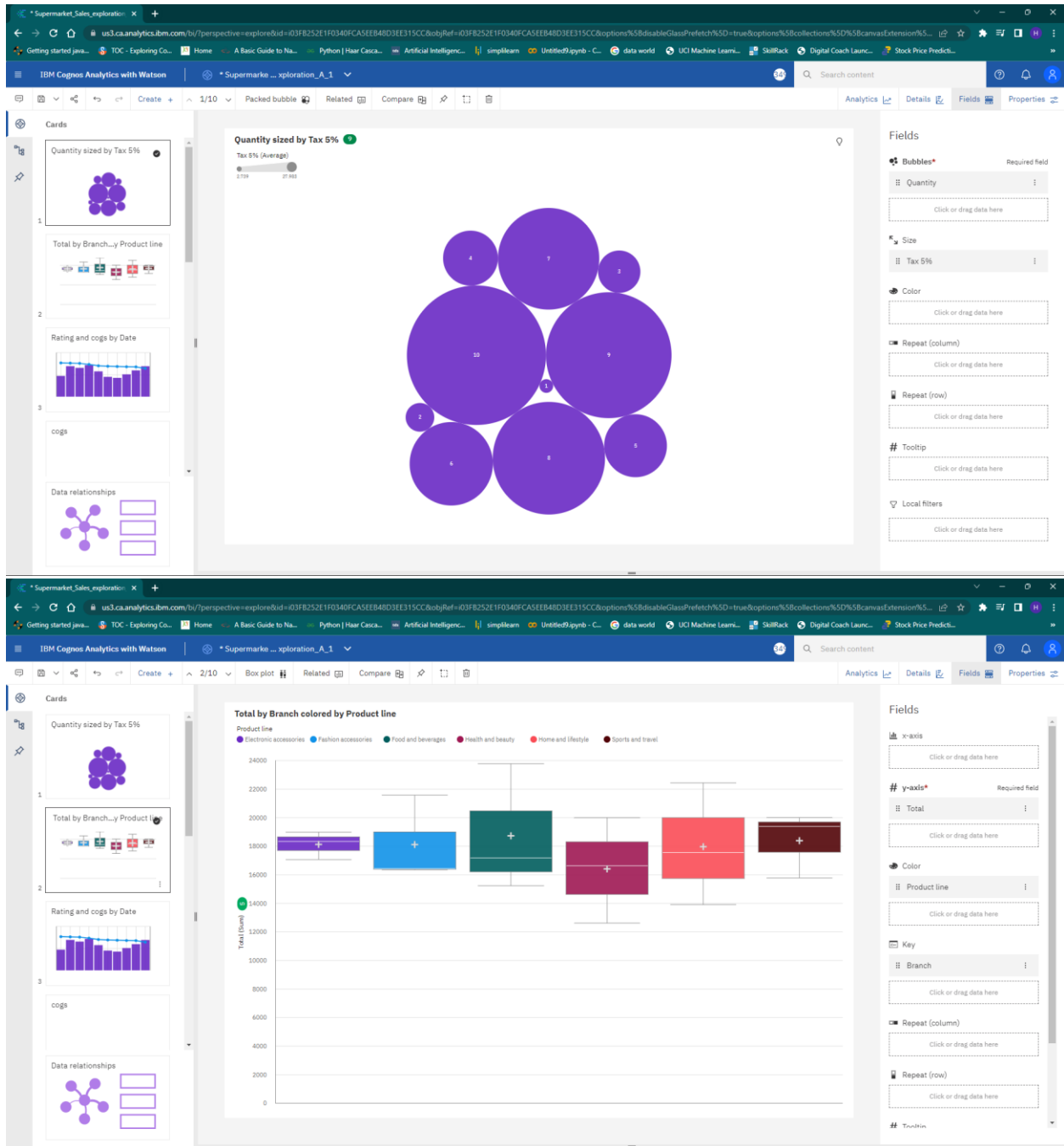
Solved Challenges Screenshot:

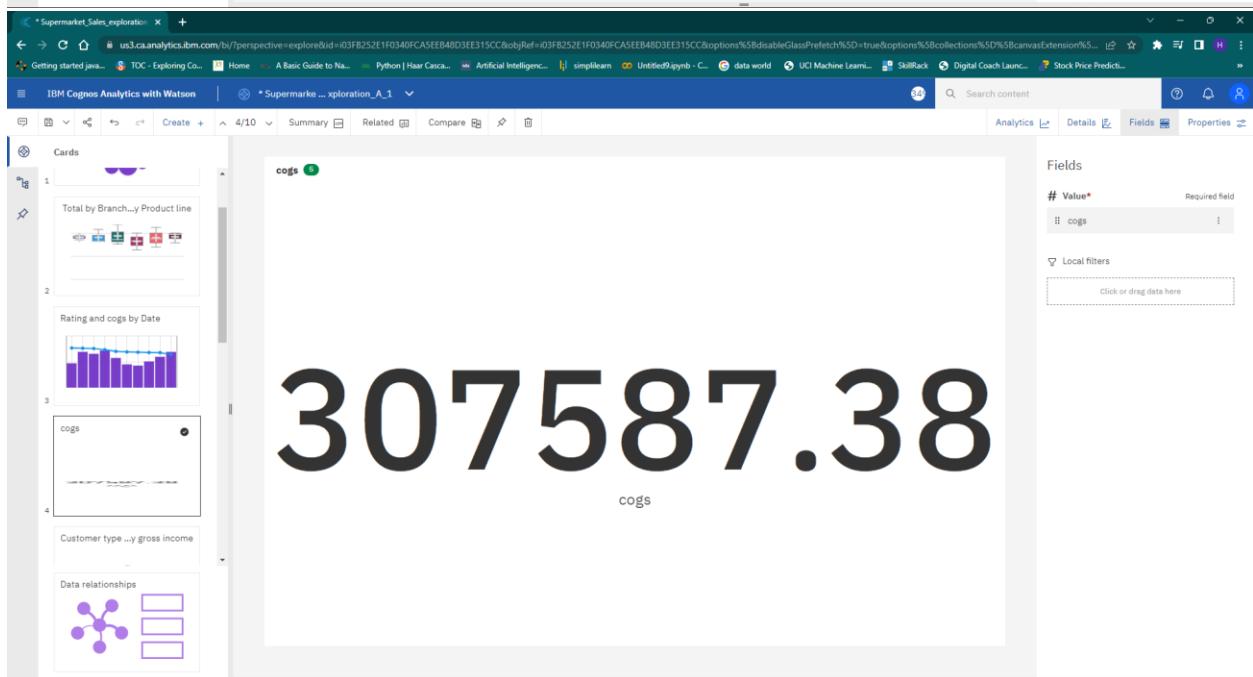
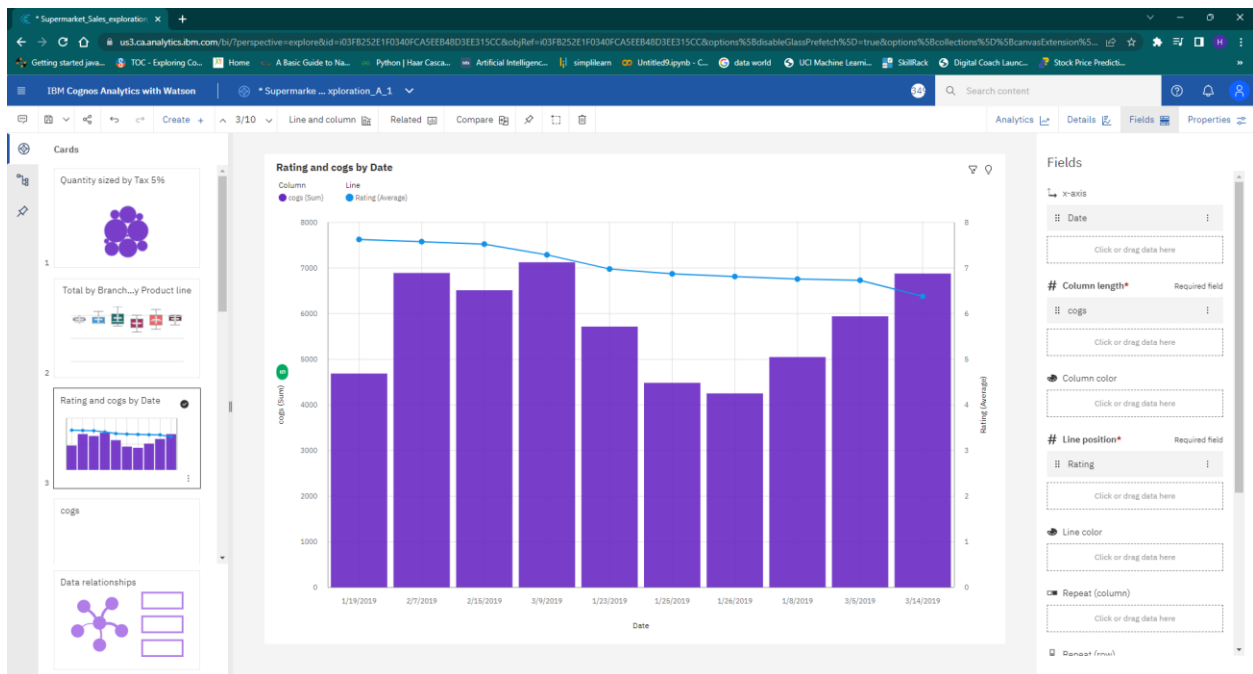
Phase 1 -> Data Module

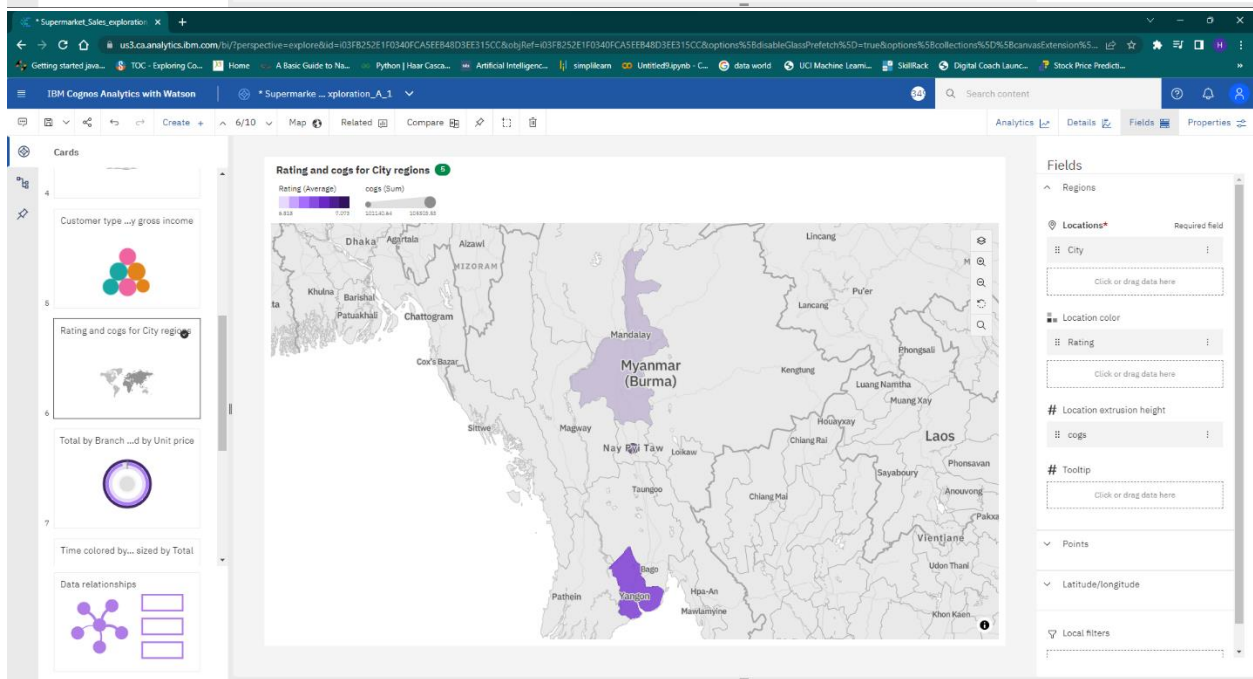
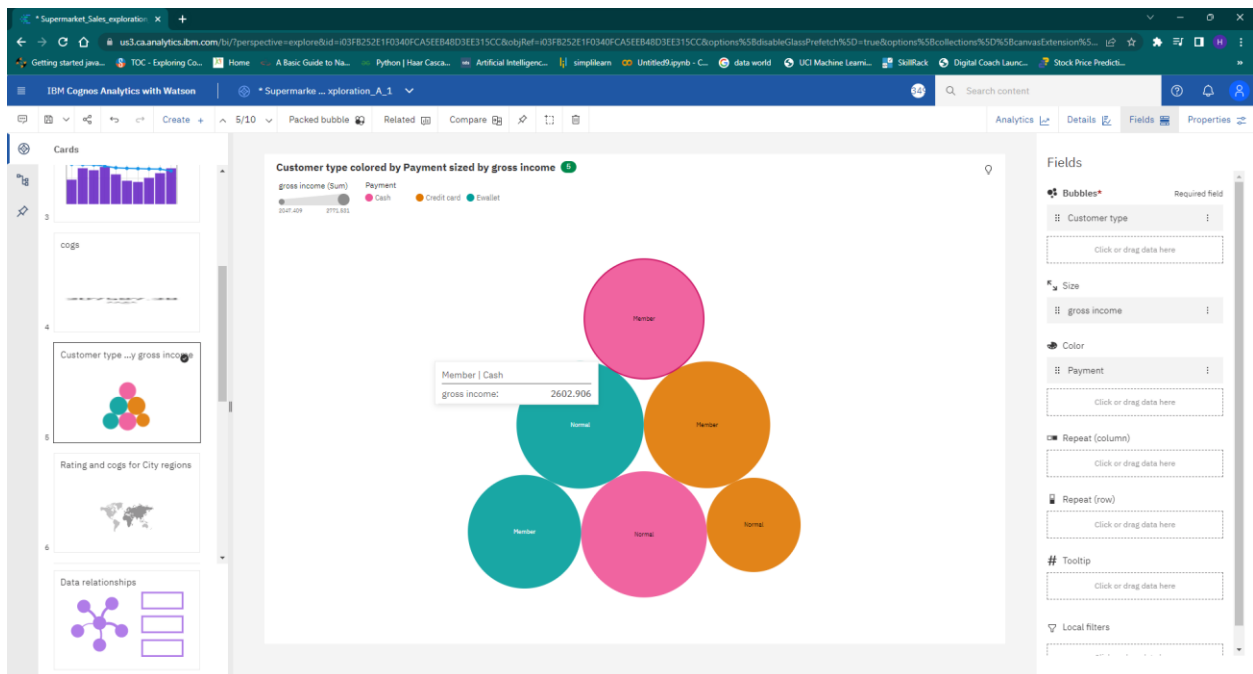


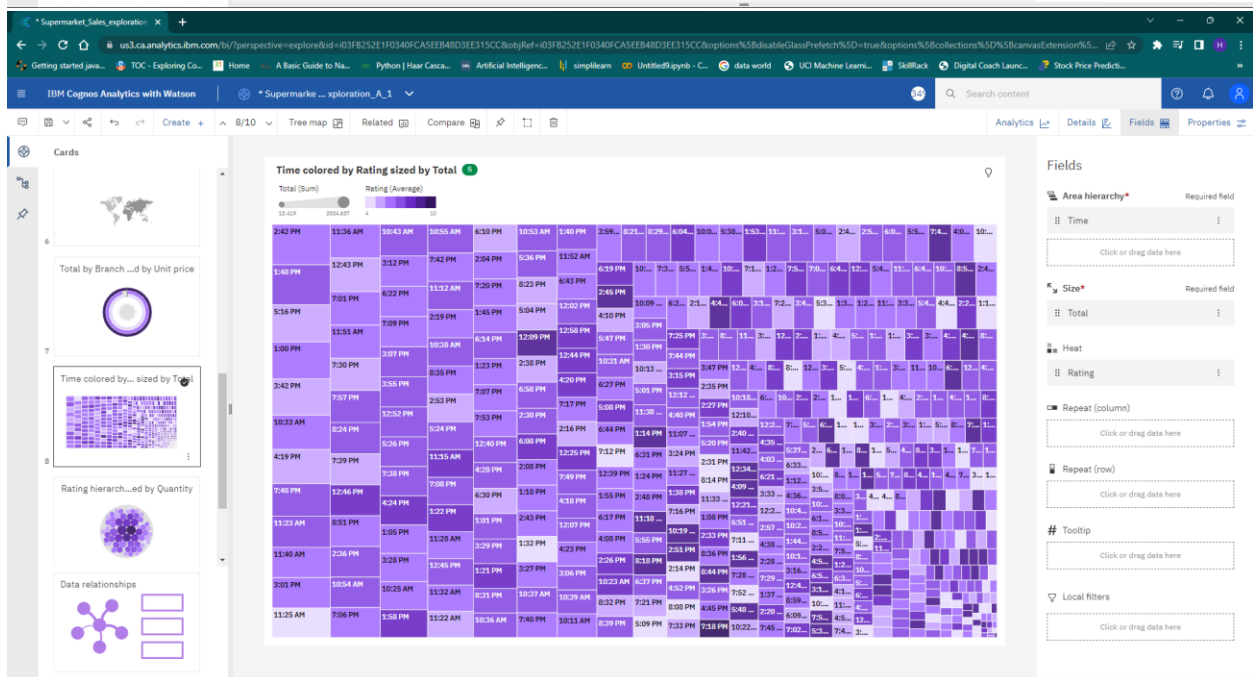
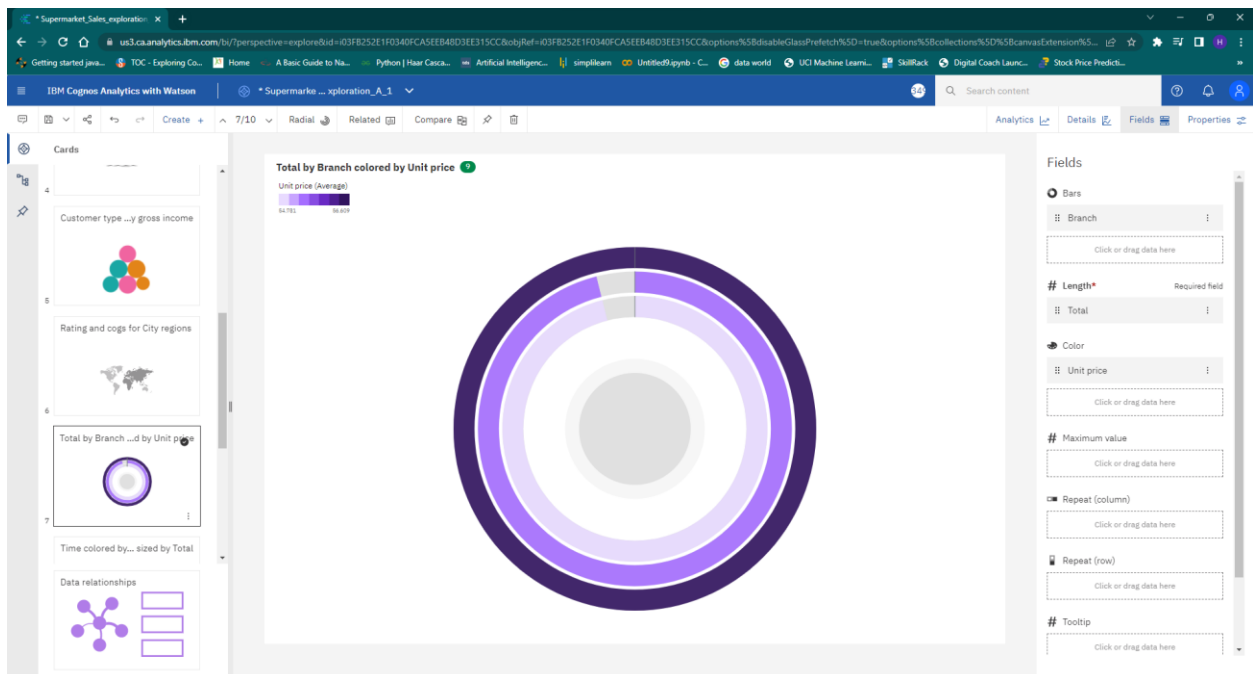
Row Id	Invoice ID	Branch	City	Customer type	Gender	Product line	Unit price	Quantity
2	226-31-3081	C	Naypyitaw	Normal	Female	Electronic accessories	15.28	5
3	631-41-3108	A	Yangon	Normal	Male	Home and lifestyle	46.33	7
4	123-19-1176	A	Yangon	Member	Male	Health and beauty	58.22	8
5	373-73-7910	A	Yangon	Normal	Male	Sports and travel	86.31	7
6	699-14-3026	C	Naypyitaw	Normal	Male	Electronic accessories	85.39	7
7	355-53-5943	A	Yangon	Member	Female	Electronic accessories	68.84	6
8	315-22-5665	C	Naypyitaw	Normal	Female	Home and lifestyle	73.56	10
9	665-32-9167	A	Yangon	Member	Female	Health and beauty	36.26	2
10	692-92-5582	B	Mandalay	Member	Female	Food and beverages	54.84	3
11	351-62-0822	B	Mandalay	Member	Female	Fashion accessories	14.48	4
12	529-56-3974	B	Mandalay	Member	Male	Electronic accessories	25.51	4
13	365-64-0515	A	Yangon	Normal	Female	Electronic accessories	46.95	5
14	252-56-2699	A	Yangon	Normal	Male	Food and beverages	43.19	10
15	829-34-3910	A	Yangon	Normal	Female	Health and beauty	71.38	10
16	299-46-1805	B	Mandalay	Member	Female	Sports and travel	93.72	6
17	656-95-9349	A	Yangon	Member	Female	Health and beauty	68.93	7
18	765-26-6951	A	Yangon	Normal	Male	Sports and travel	72.61	6
19	329-62-1586	A	Yangon	Normal	Male	Food and beverages	54.67	3

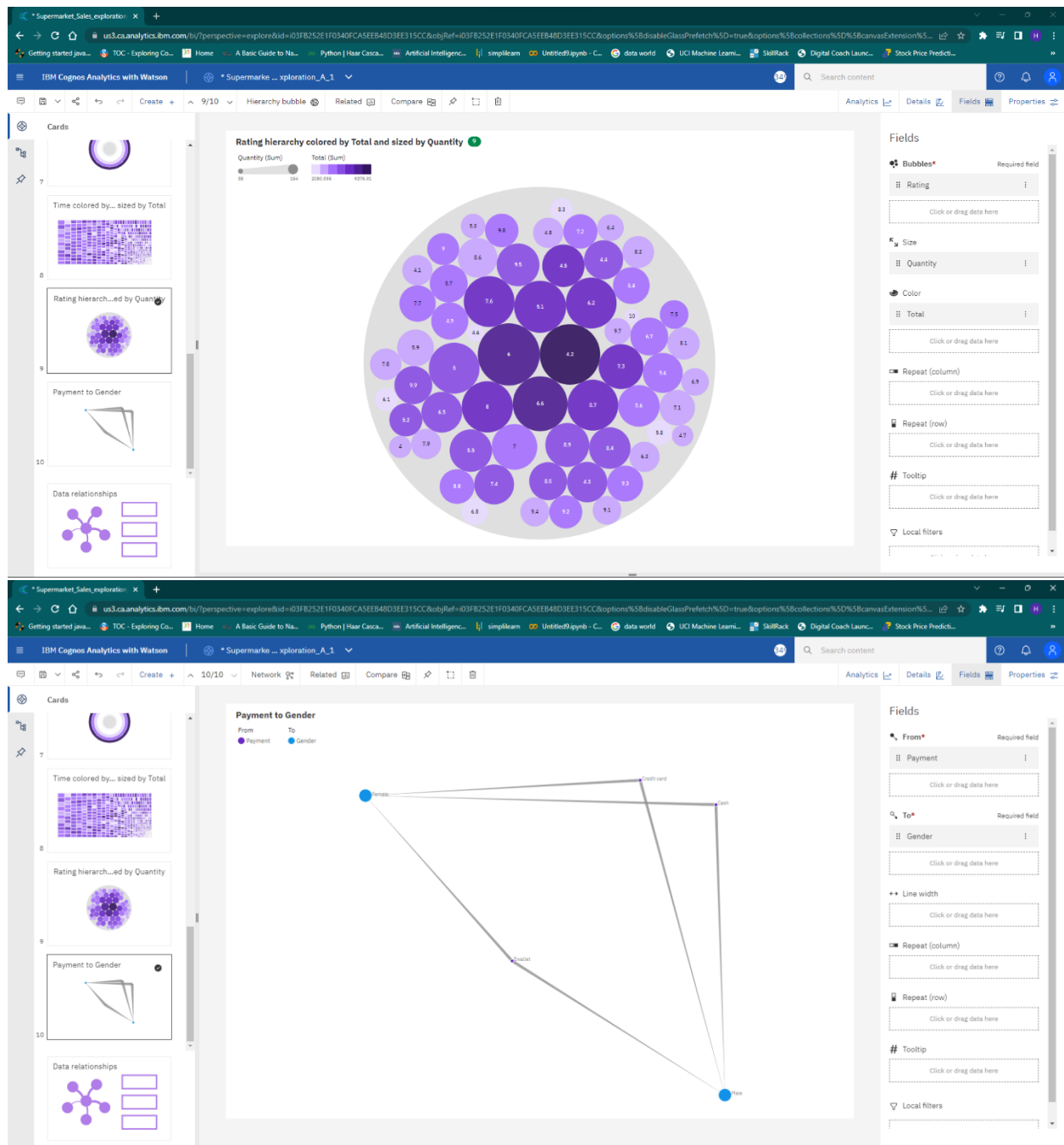
Phase 2 -> Data Exploration











Phase 3 -> Data Visualization

