

ASSIGNMENT – 1

1)Data module Creation:

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane displays a tree structure for 'Assignment-1', including 'Navigation paths' and 'supermarket...Sheet1.csv'. The main area shows a table with the following columns: Row Id, Invoice ID, Branch, City, Customer type, Gender, Product line, Unit price, Quantity, Tax 5%, and Total. The table contains 25 rows of data.

Row Id	Invoice ID	Branch	City	Customer type	Gender	Product line	Unit price	Quantity	Tax 5%	Total
6	699-14-3026	C	Naypyitaw	Normal	Male	Electronic accessories	85.39	7	29.8865	
7	355-53-5943	A	Yangon	Member	Female	Electronic accessories	68.84	6	20.652	
8	315-22-5665	C	Naypyitaw	Normal	Female	Home and lifestyle	73.56	10	36.78	
9	665-32-9167	A	Yangon	Member	Female	Health and beauty	36.26	2	3.626	
10	692-92-5582	B	Mandalay	Member	Female	Food and beverages	54.84	3	8.226	
11	351-62-0822	B	Mandalay	Member	Female	Fashion accessories	14.48	4	2.896	
12	529-56-3974	B	Mandalay	Member	Male	Electronic accessories	25.51	4	5.102	
13	365-64-0515	A	Yangon	Normal	Female	Electronic accessories	46.95	5	11.7375	
14	252-56-2699	A	Yangon	Normal	Male	Food and beverages	43.19	10	21.595	
15	829-34-3910	A	Yangon	Normal	Female	Health and beauty	71.38	10	35.69	
16	299-46-1805	B	Mandalay	Member	Female	Sports and travel	93.72	6	28.116	
17	656-95-9349	A	Yangon	Member	Female	Health and beauty	68.93	7	24.1255	
18	765-26-6951	A	Yangon	Normal	Male	Sports and travel	72.61	6	21.783	
19	329-62-1586	A	Yangon	Normal	Male	Food and beverages	54.67	3	8.2005	
20	319-50-3348	B	Mandalay	Normal	Female	Home and lifestyle	40.3	2	4.03	
21	300-71-4605	C	Naypyitaw	Member	Male	Electronic accessories	86.04	5	21.51	
22	371-85-9789	B	Mandalay	Normal	Male	Health and beauty	87.98	3	13.197	
23	273-16-6619	B	Mandalay	Normal	Male	Home and lifestyle	33.2	2	3.32	
24	636-48-8204	A	Yangon	Normal	Male	Electronic accessories	34.56	5	8.64	
25	549-59-1358	A	Yangon	Member	Male	Sports and travel	88.63	3	13.2945	

2)Unnessasary Column (City is deleted as we already have Branch):

The screenshot shows the IBM Cognos Analytics interface with a modified Data module named 'Assignment-1 unnessa ... name'. The 'City' column has been removed from the table. The table now has 11 columns: Row Id, Invoice ID, Branch, Customer type, Gender, Product line, Unit price, Quantity, Tax 5%, and Total. The data rows are numbered 1 through 20.

Row Id	Invoice ID	Branch	Customer type	Gender	Product line	Unit price	Quantity	Tax 5%	Total
1	750-67-8428	A	Member	Female	Health and beauty	74.69	7	26.1415	548.9715
2	226-31-3081	C	Normal	Female	Electronic accessories	15.28	5	3.62	80.22
3	631-41-3108	A	Normal	Male	Home and lifestyle	46.33	7	16.2155	340.5255
4	123-19-1176	A	Member	Male	Health and beauty	58.22	8	23.288	489.048
5	373-73-7910	A	Normal	Male	Sports and travel	86.31	7	30.2085	634.3785
6	699-14-3026	C	Normal	Male	Electronic accessories	85.39	7	29.8865	627.6165
7	355-53-5943	A	Member	Female	Electronic accessories	68.84	6	20.652	433.692
8	315-22-5665	C	Normal	Female	Home and lifestyle	73.56	10	36.78	772.38
9	665-32-9167	A	Member	Female	Health and beauty	36.26	2	3.626	76.146
10	692-92-5582	B	Member	Female	Food and beverages	54.84	3	8.226	172.746
11	351-62-0822	B	Member	Female	Fashion accessories	14.48	4	2.896	60.816
12	529-56-3974	B	Member	Male	Electronic accessories	25.51	4	5.102	107.142
13	365-64-0515	A	Normal	Female	Electronic accessories	46.95	5	11.7375	246.4875
14	252-56-2699	A	Normal	Male	Food and beverages	43.19	10	21.595	453.495
15	829-34-3910	A	Normal	Female	Health and beauty	71.38	10	35.69	749.49
16	299-46-1805	B	Member	Female	Sports and travel	93.72	6	28.116	590.436
17	656-95-9349	A	Member	Female	Health and beauty	68.93	7	24.1255	506.6355
18	765-26-6951	A	Normal	Male	Sports and travel	72.61	6	21.783	457.443
19	329-62-1586	A	Normal	Male	Food and beverages	54.67	3	8.2005	172.2105
20	319-50-3348	B	Normal	Female	Home and lifestyle	40.3	2	4.03	84.63

3)Dataset Visualization & Exploration:



