

IBM Data Analytics

(Assignment-1)

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Data Module

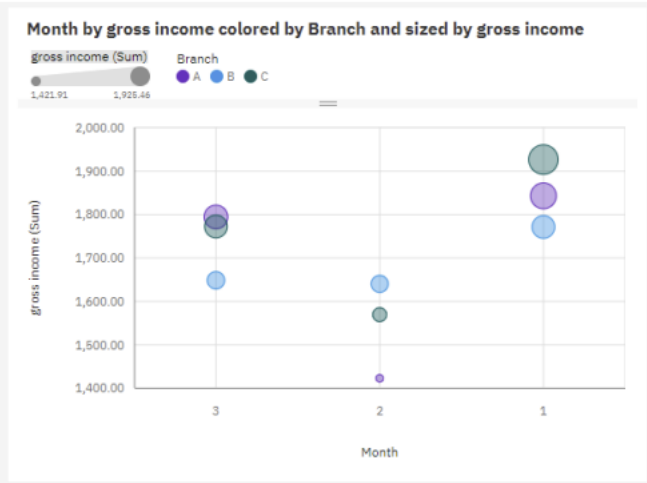
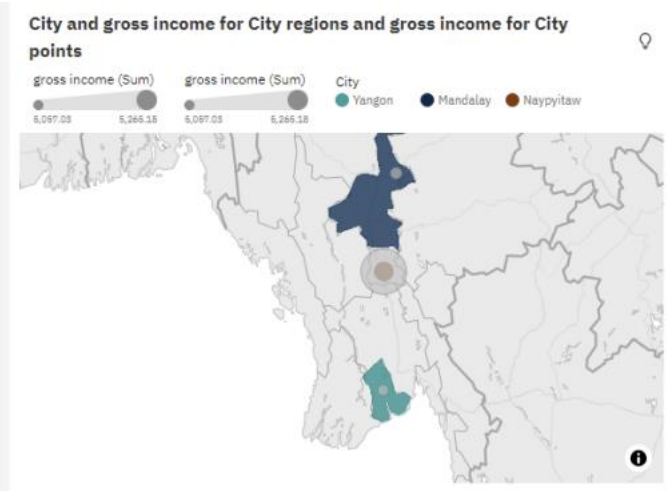
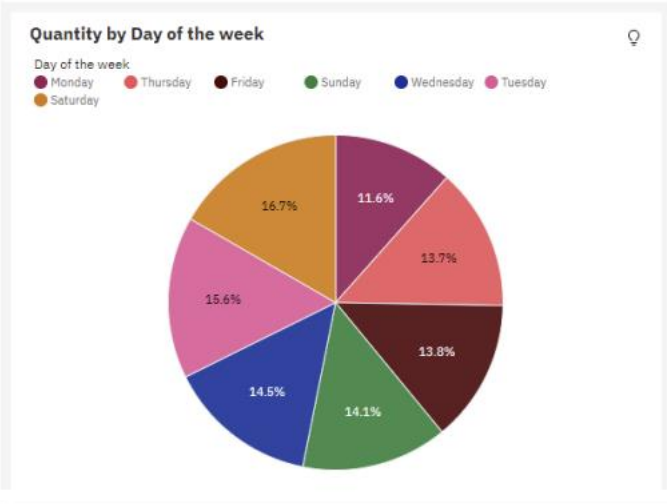
The image shows two screenshots of the IBM Cognos Analytics interface. The top screenshot displays a data module named 'Supermarket...ata module' with a table view showing 9 rows of data. The bottom screenshot displays a data module named 'Supermarket...sales.csv' with a table view showing 12 rows of data. Both screenshots include a left-hand navigation pane with a search bar and a list of fields, and a top toolbar with various icons and a 'Properties' button.

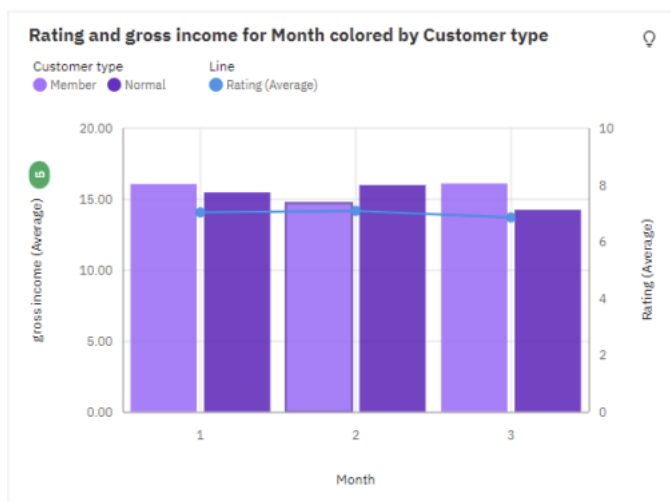
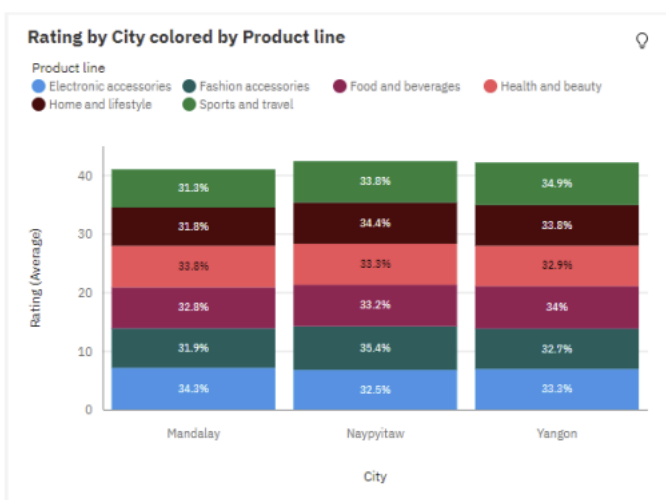
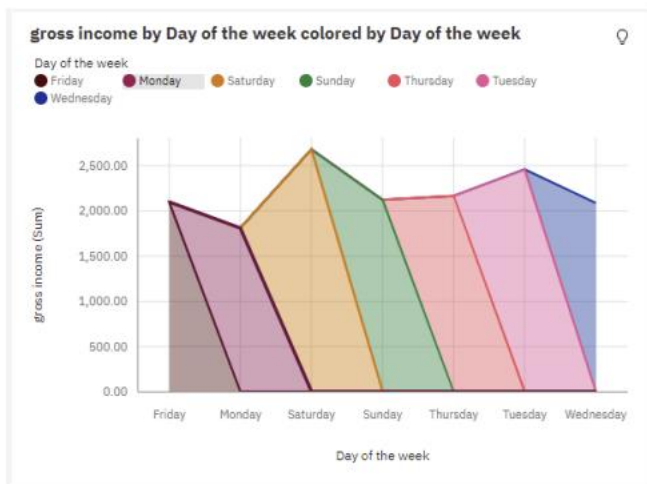
Top Screenshot: Supermarket...ata module

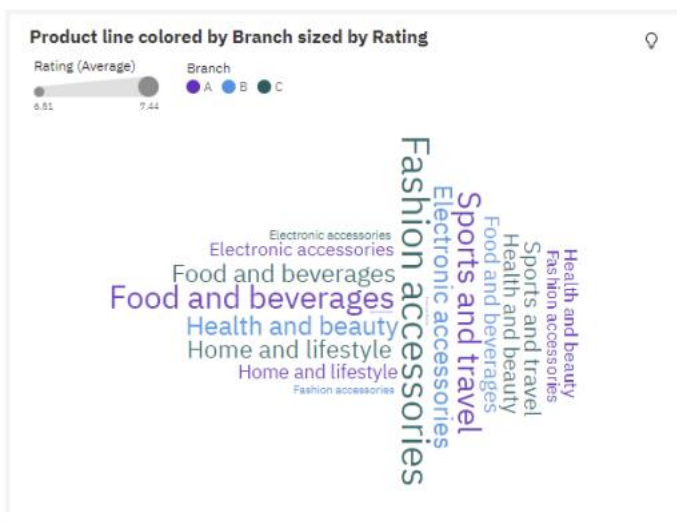
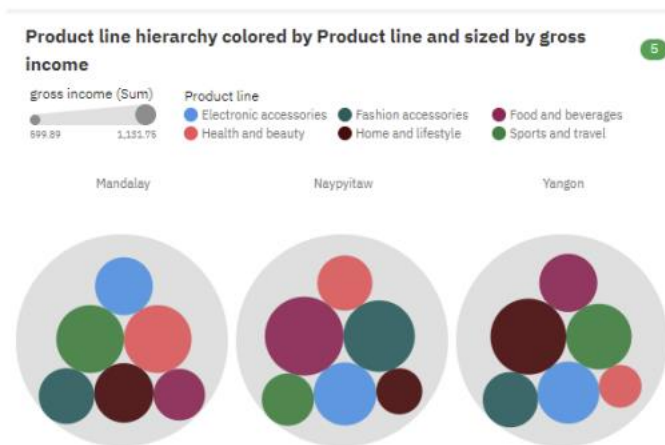
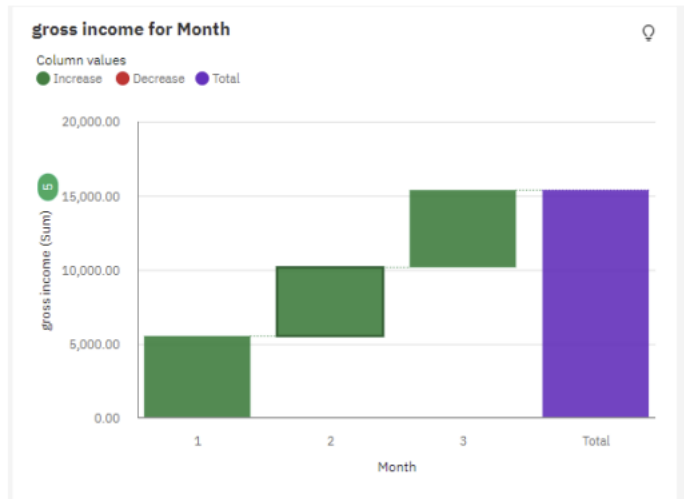
Row Id	Branch	City	Customer type	Gender	Product line
1	A	Yangon	Member	Female	Health and beauty
2	C	Naypyitaw	Normal	Female	Electronic accessories
3	A	Yangon	Normal	Male	Home and lifestyle
4	A	Yangon	Member	Male	Health and beauty
5	A	Yangon	Normal	Male	Sports and travel
6	C	Naypyitaw	Normal	Male	Electronic accessories
7	A	Yangon	Member	Female	Electronic accessories
8	C	Naypyitaw	Normal	Female	Home and lifestyle
9	A	Yangon	Member	Female	Health and beauty

Bottom Screenshot: Supermarket...sales.csv

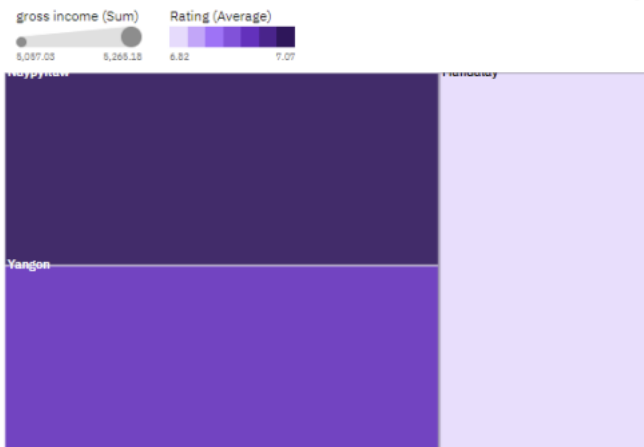
Quantity	Tax 5%	Total	Date	Year	Month
7	26.14	548.97	2019-01-05	2019	1
5	3.82	80.22	2019-03-08	2019	3
7	16.22	340.53	2019-03-03	2019	3
8	23.29	489.05	2019-01-27	2019	1
7	30.21	634.38	2019-02-08	2019	2
7	29.89	627.62	2019-03-25	2019	3
6	20.65	433.69	2019-02-25	2019	2
10	36.78	772.38	2019-02-24	2019	2
2	3.63	76.15	2019-01-10	2019	1
3	8.23	172.75	2019-02-20	2019	2



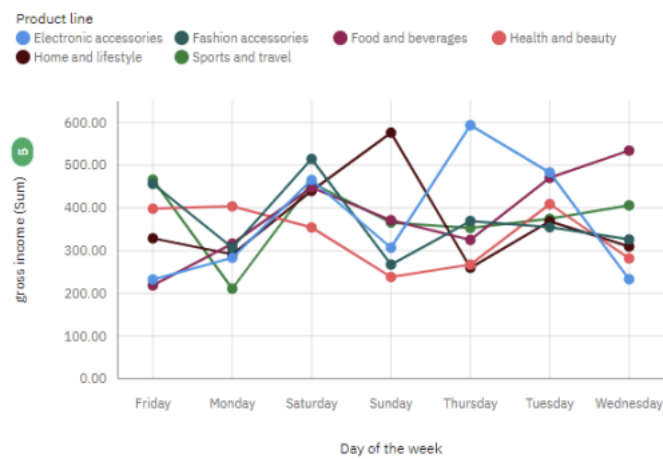




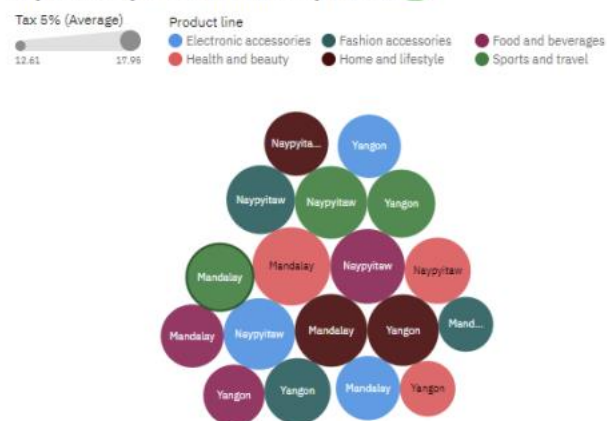
City hierarchy colored by Rating and sized by gross income 5



gross income by Day of the week colored by Product line



City colored by Product line sized by Tax 5% 5



gross income by Product line, Customer type and gross income 5



Rating by Product line colored by Gender 5

Gender

Female Male



gross income for Day of the week and Product line 5

gross income	Friday	Monday	Saturday	Sunday
Electronic acces...	230.86	282.01	464.02	30
Fashion accessor...	454.99	305.69	513.28	26
Food and bevera...	217.07	314.87	446.45	36
Health and beauty	396.72	402.30	352.87	23
Home and lifestyle	327.40	290.25	438.48	57
Sports and travel	464.69	209.60	457.32	36
Summary	2,091.73	1,804.72	2,672.42	2,11