IBM

IBM DATA ANALYTICS INTERNSHIP ASSIGNMENT-1

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Now the table changes that I have done

1. I have deleted the Invoice ID

2. Make a new row by the formula Original Price = Total-quality*unit value
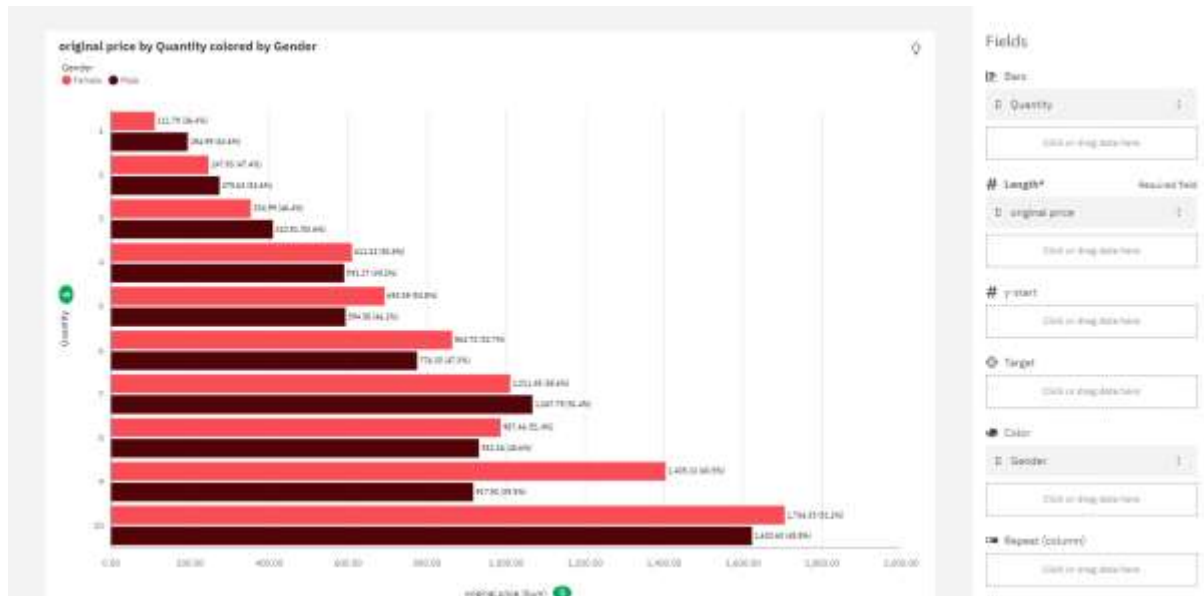
3. Split the Date into Year Month Date Week

Output-

1I original price	Item Id	Branch	City	Customer type	Gender	Product line	Unit price	Quantity
26.14	1	A	Yangon	Member	Female	Health and beauty	74.69	7
1.82	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
3.61	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
6.10	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

Total	Date	Year	Month	Day	Day of the week	Time
548.972	2019-01-05	2019	1	5	Saturday	13:08:00
80.220	2019-03-08	2019	3	8	Friday	10:29:00
340.526	2019-03-03	2019	3	3	Sunday	13:23:00
489.048	2019-01-27	2019	1	27	Sunday	20:33:00
634.379	2019-02-08	2019	2	8	Friday	10:37:00
627.617	2019-03-25	2019	3	25	Monday	18:30:00
433.692	2019-02-25	2019	2	25	Monday	14:36:00
772.380	2019-02-24	2019	2	24	Sunday	11:38:00
76.146	2019-01-10	2019	1	10	Thursday	17:15:00
172.746	2019-02-20	2019	2	20	Wednesday	13:27:00
60.816	2019-02-06	2019	2	6	Wednesday	18:07:00
107.142	2019-03-09	2019	3	9	Saturday	17:03:00
246.488	2019-02-12	2019	2	12	Tuesday	10:25:00
453.495	2019-02-07	2019	2	7	Thursday	16:48:00
749.490	2019-03-29	2019	3	29	Friday	19:21:00
590.436	2019-01-15	2019	1	15	Tuesday	16:19:00
506.636	2019-03-11	2019	3	11	Monday	11:03:00
457.443	2019-01-01	2019	1	1	Tuesday	10:39:00

Now let us see the Visualizations

1. Bar Plot

2. Pie Chart
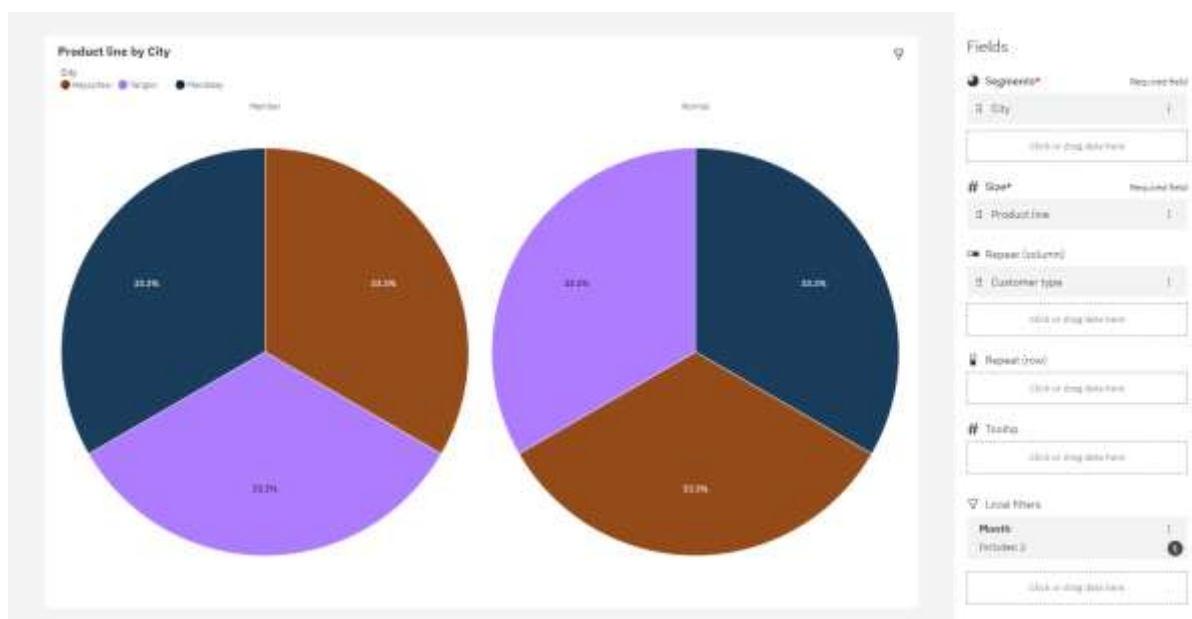
3. Line Chart
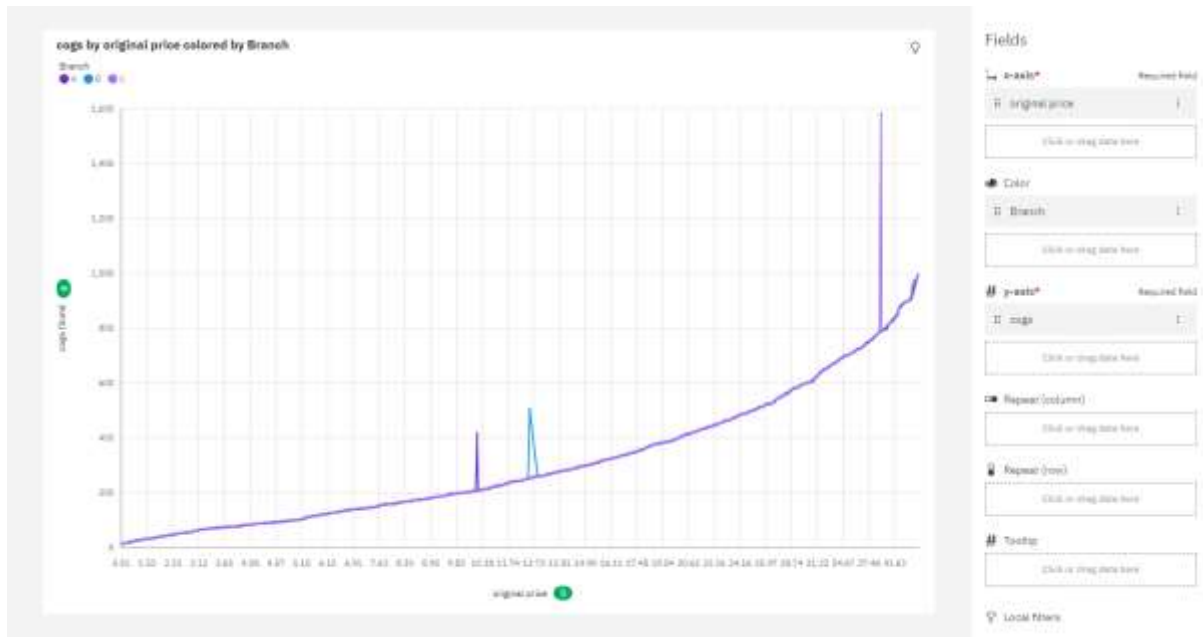
4. Line and Column

5. Stacked Bar

Summary	Chart A : original price	Chart B : original price	Combined
Chart percent of data set	51.98%	48.02%	100%
Chart percent displayed	51.98%	48.01%	100%
Average	266.48	246.16	256.32
Chart total	7,994.42	7,384.94	15,379.37
Difference of chart totals			609.48

6. Networking

Summary	Chart A : City	Chart B : Payment	Combined
Minimum	1	3	
Maximum	1	3	
Chart percent of data set	100%	100%	
Chart total	3	3	
Difference of chart totals			
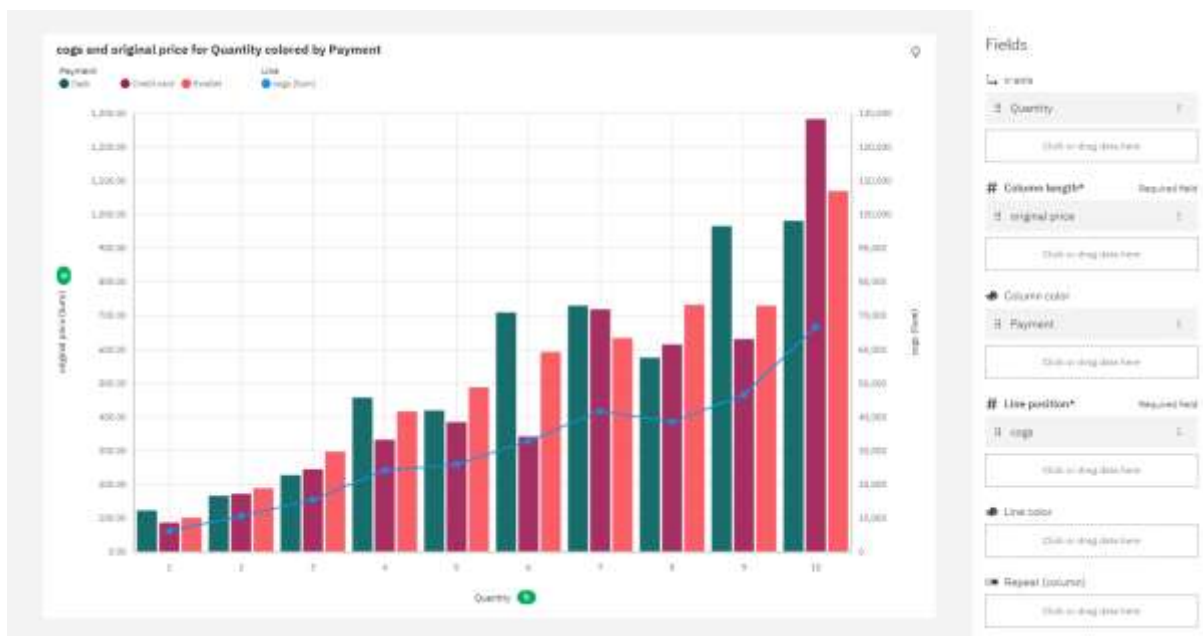
7. Area Plot
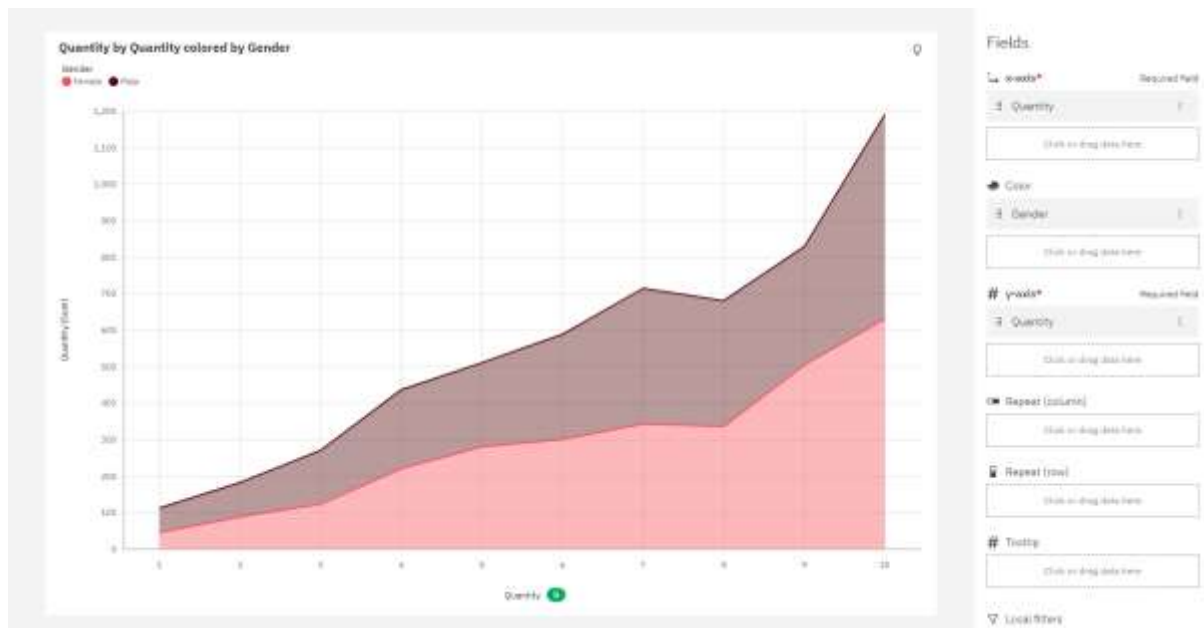
8. Word Cloud

9. Water Fall

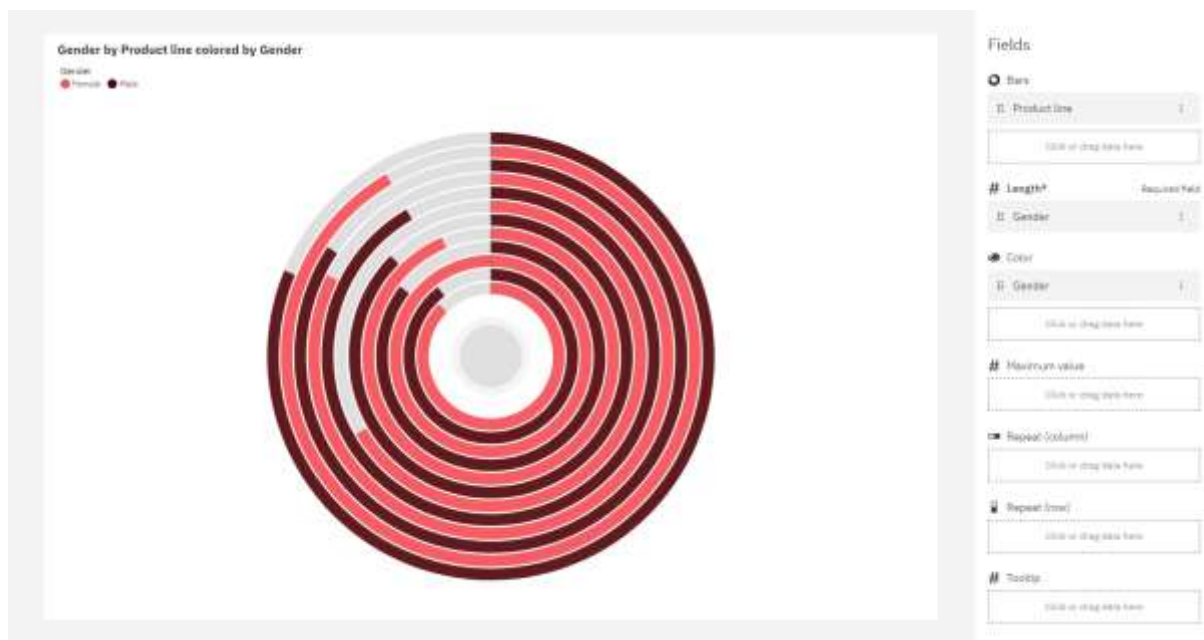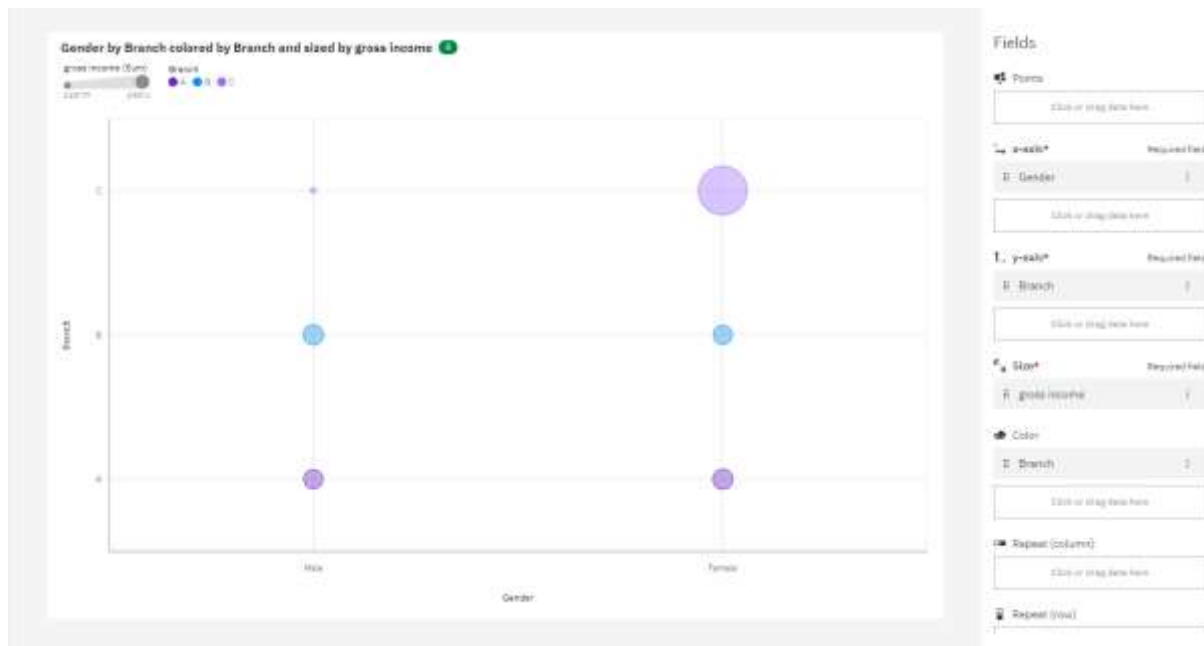## 10. Radial Chart

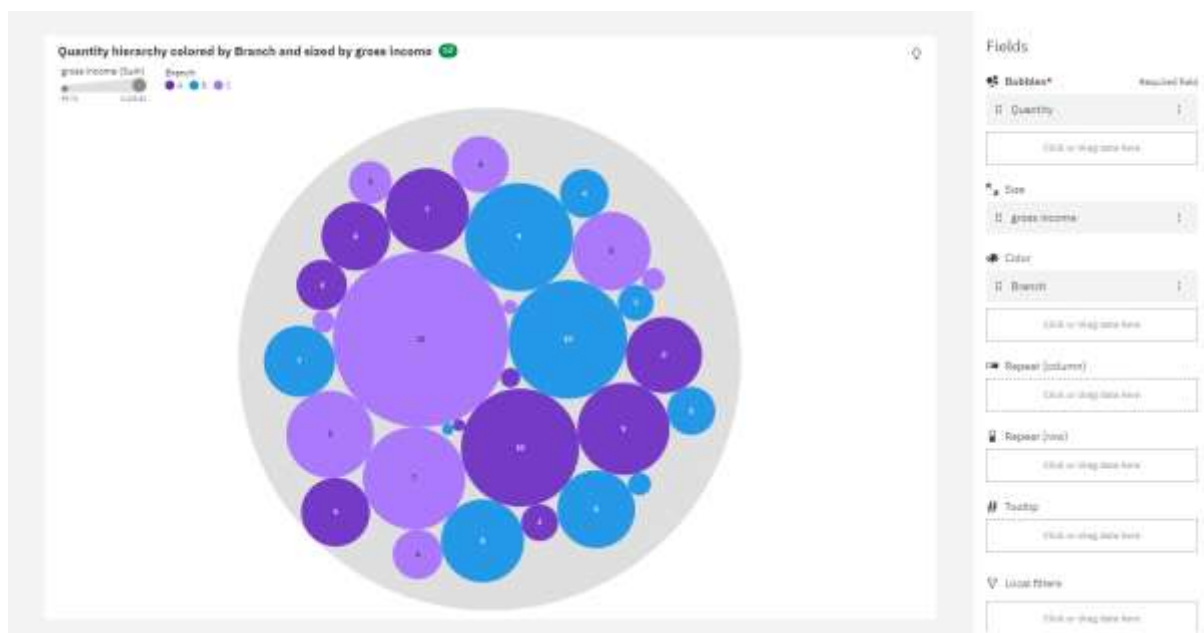## 11. Bubble Chart

12. Hierarchy Bubble Chart

These are some Visualizations from the datamodule