

Smart Internz

Data Analytics with IBM Cognos

College:

Vellore Institute of Technology,
Amaravathi Campus

Submitted to:

Indra Sir

Submitted by:

Addanki Veeranjanyulu
21BCE9266

Splitting Date into Month, Date, Year:

relationships Custom tables

Total	Date	Time	Payment	cogs	gross margin percent
548.9715	1/5/2019		Ewallet	522.83	4.76190476
80.22	3/8/2019		Cash	76.4	4.76190476
340.5255	3/3/2019		Credit card	324.31	4.76190476
489.048	1/27/2019		Ewallet	465.76	4.76190476
634.3785	2/8/2019		Ewallet	604.17	4.76190476
627.6165	3/25/2019		Ewallet	597.73	4.76190476
433.692	2/25/2019		Ewallet	413.04	4.76190476
772.38	2/24/2019		Ewallet	735.6	4.76190476
76.146	1/10/2019		Credit card	72.52	4.76190476
172.746	2/20/2019	13:27	Credit card	164.52	4.76190476
60.816	2/6/2019	18:07	Ewallet	57.92	4.76190476
107.142	3/9/2019	17:03	Cash	102.04	4.76190476
246.4875	2/12/2019	10:25	Ewallet	234.75	4.76190476
453.495	2/7/2019	14:40	Ewallet	433.6	4.76190476

Edit split column - Date

Specify how to split the column. Select or type one character to use as a delimiter, and specify a maximum of 5 columns to split the column into. You can trim whitespace from the column values and additionally one leading and one trailing character.

Select delimiter

1 / 5 / 2 0 1 9

Type delimiter

/

Trimmed characters
Whitespace

Preview

Date	Month	Date	Year	
1/5/2019	1	5	2019	
3/8/2019	3	8	2019	
3/3/2019	3	3	2019	
1/27/2019	1	27	2019	
2/8/2019	2	8	2019	
3/25/2019	3	25	2019	
2/25/2019	2	25	2019	
2/24/2019	2	24	2019	

Cancel

Next

Month Date Year

relationships Custom tables

Total	Date	Month	Date	Year
548.9715	1/5/2019	1	5	2019
80.22	3/8/2019	3	8	2019
340.5255	3/3/2019	3	3	2019
489.048	1/27/2019	1	27	2019
634.3785	2/8/2019	2	8	2019
627.6165	3/25/2019	3	25	2019
433.692	2/25/2019	2	25	2019
772.38	2/24/2019	2	24	2019
76.146	1/10/2019	1	10	2019
172.746	2/20/2019	2	20	2019
60.816	2/6/2019	2	6	2019
107.142	3/9/2019	3	9	2019
246.4875	2/12/2019	2	12	2019
453.495	2/7/2019	2	7	2019

Removing Unwanted Column:

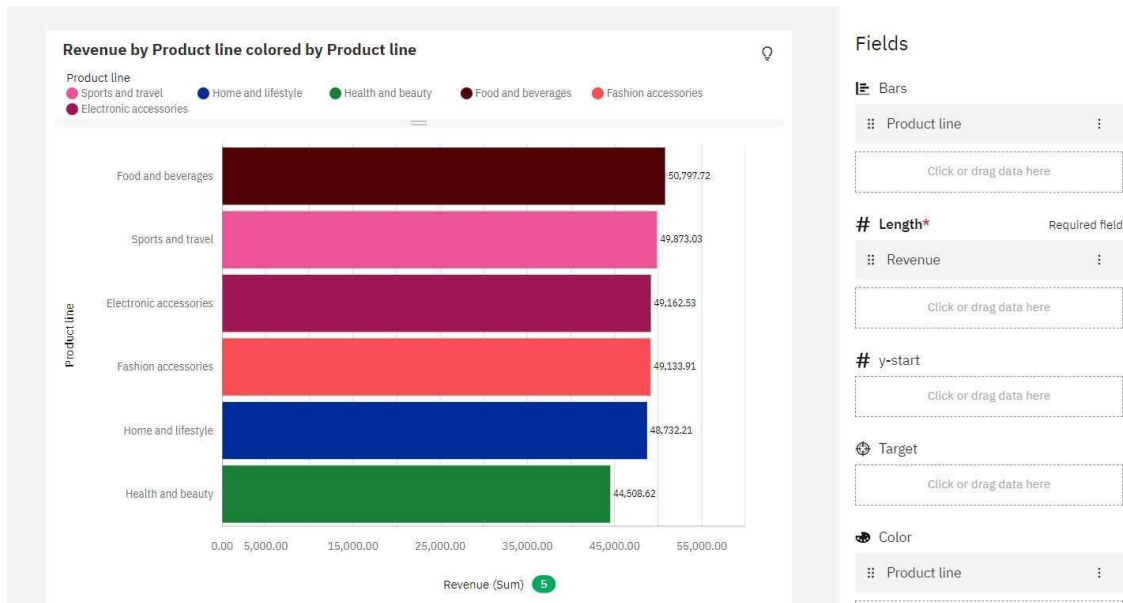
Grid		Relationships		Custom tables				
11	Date	Year	Time	Filter...	cogs	gross margin percentage	gross	
5		2019	13:08	Create data group...	522.83	4.76190476	26.1	
8		2019	10:29	Create navigation path...	76.4	4.76190476	3.82	
3		2019	13:23	Split...	324.31	4.76190476	16.2	
27		2019	20:33	Hide from users	465.76	4.76190476	23.2	
8		2019	10:37	Remove	604.17	4.76190476	30.2	
25		2019	18:30	Format data...	597.73	4.76190476	29.8	
25		2019	14:36	Clean...	413.04	4.76190476	20.6	
24		2019	11:38	Sort descending	735.6	4.76190476	36.7	
10		2019	17:15	Sort ascending				
20		2019	13:27	Properties	Credit card	72.52	4.76190476	3.62
6		2019	18:07		Credit card	164.52	4.76190476	8.22
9		2019	17:03		Ewallet	57.92	4.76190476	2.89
12		2019	10:25		Cash	102.04	4.76190476	5.10
7		2019	16:48		Ewallet	234.75	4.76190476	11.7
					Ewallet	431.9	4.76190476	21.5

Now we can implement Visualizations:

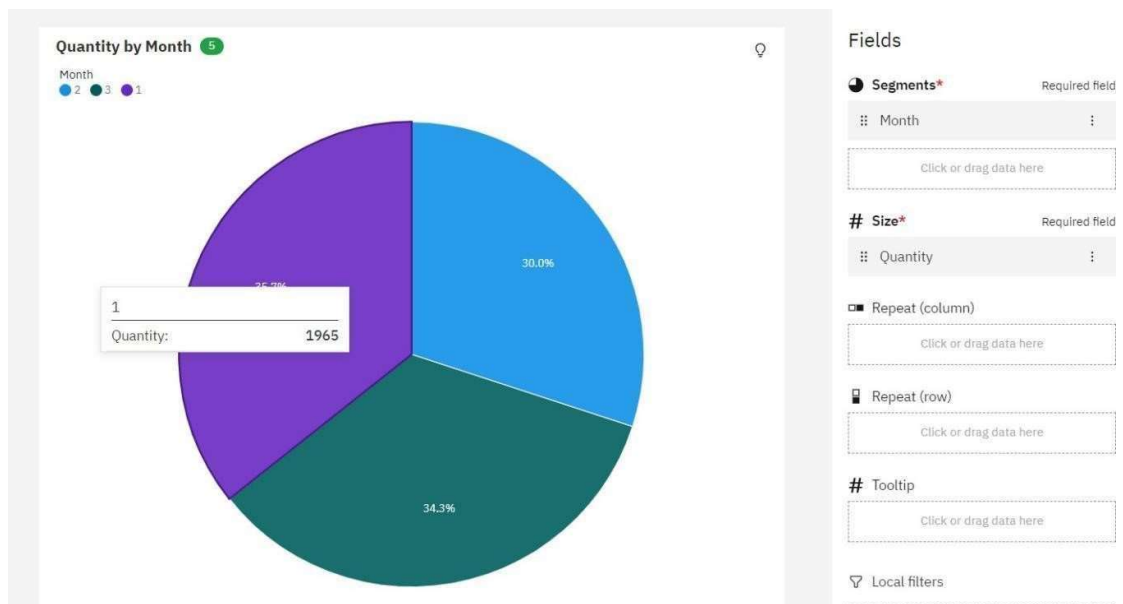
1.Area



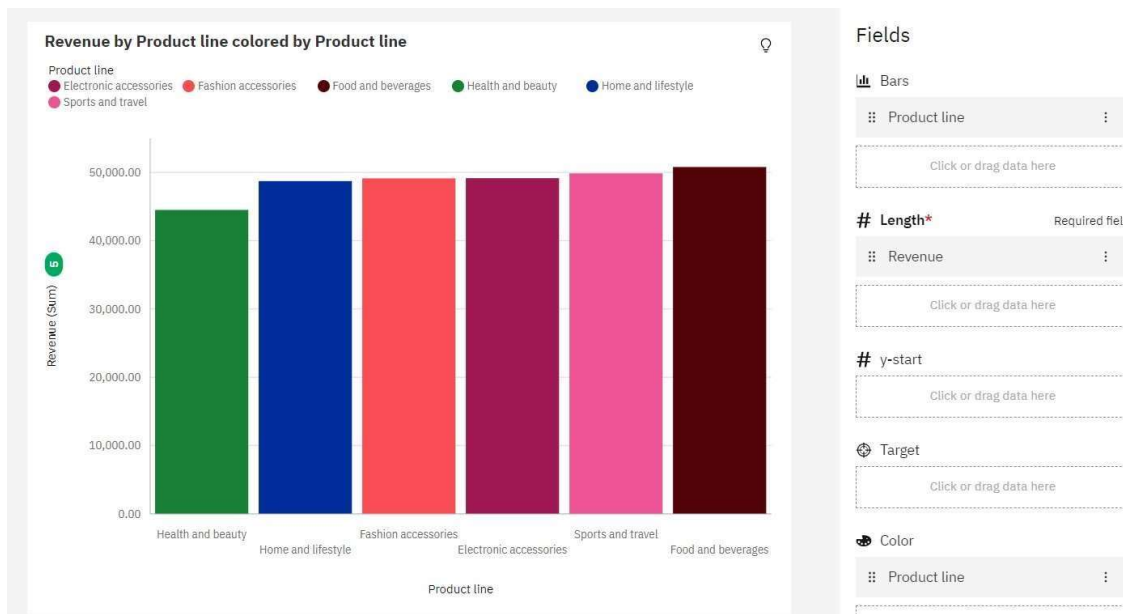
2.Bar Graph



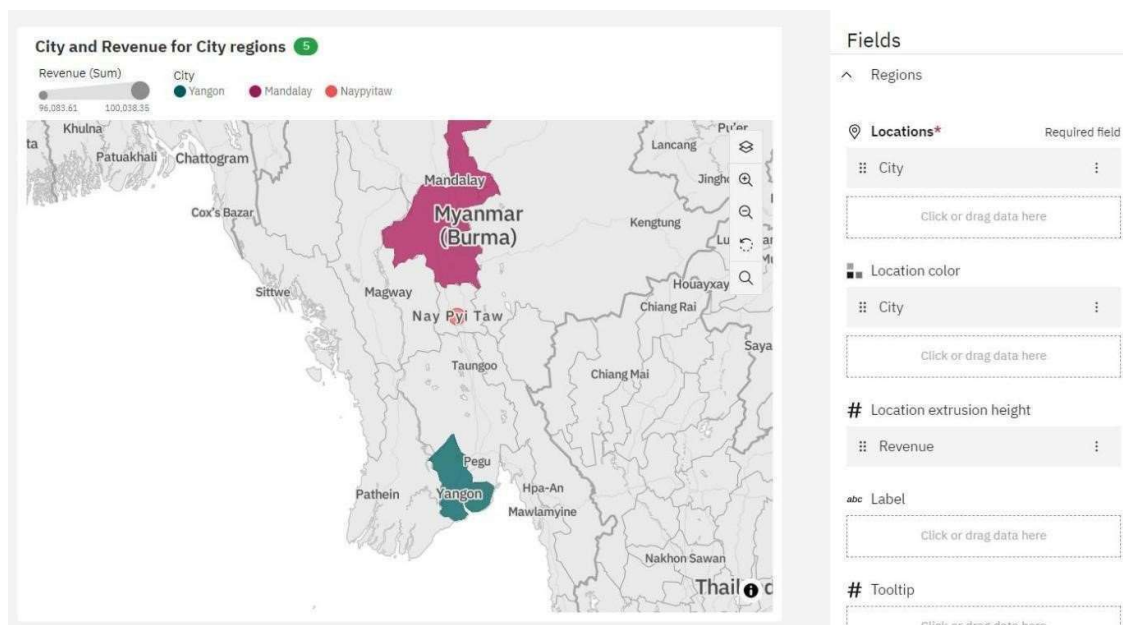
3. Pie Chart



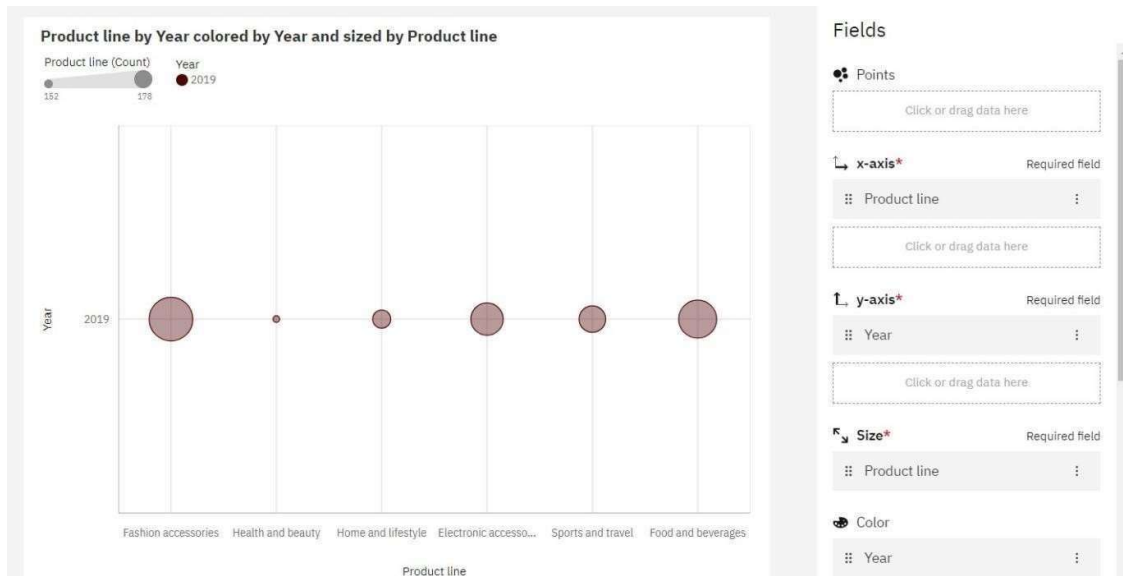
4. Column Chart



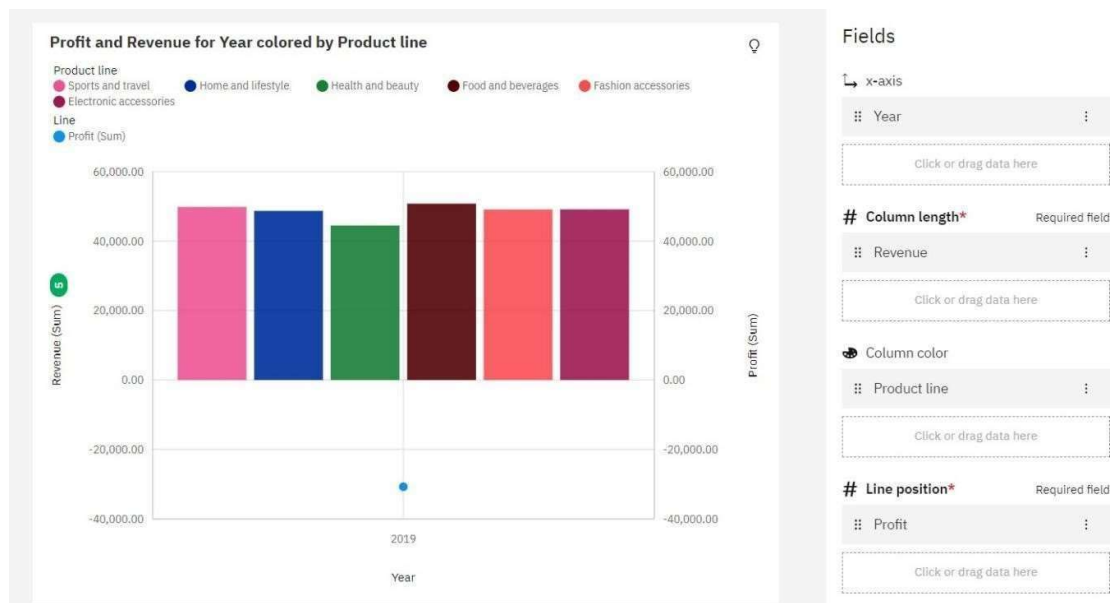
5.Map



6.Bubble



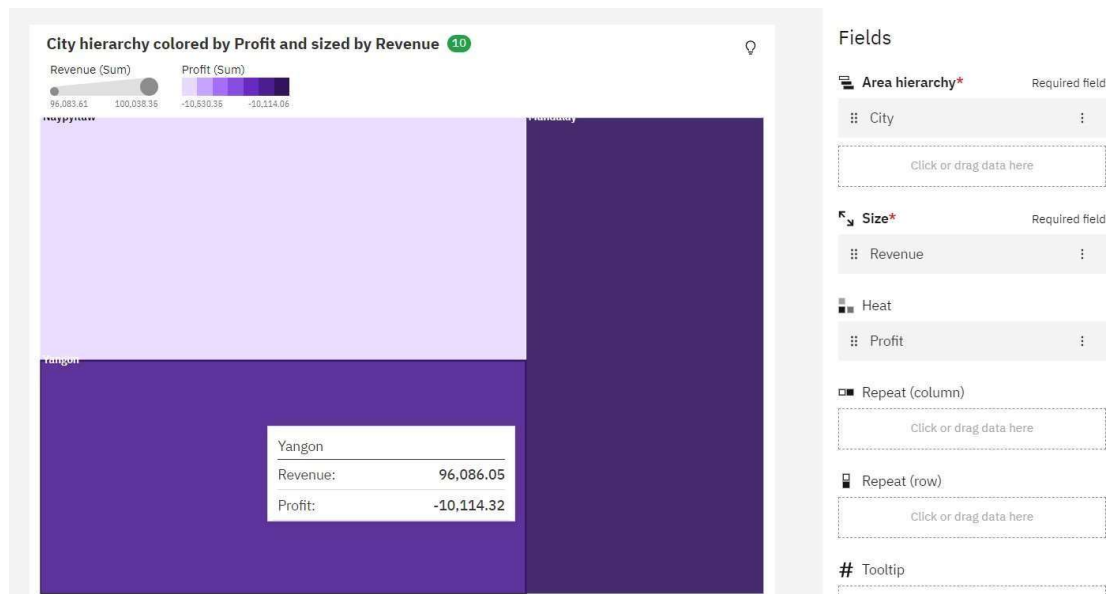
7. Line and Column



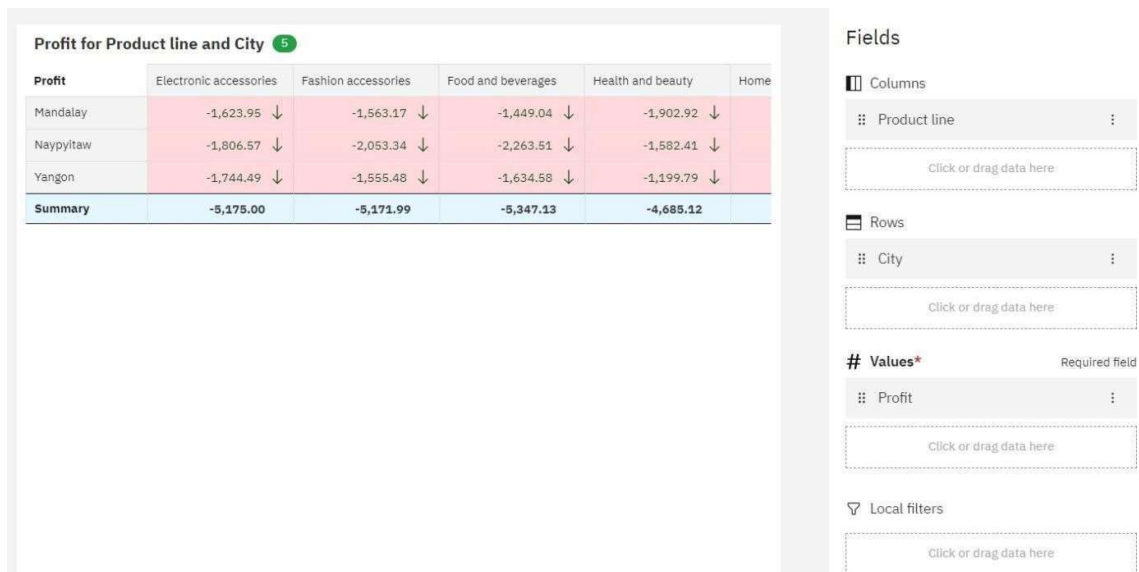
8. Scatter



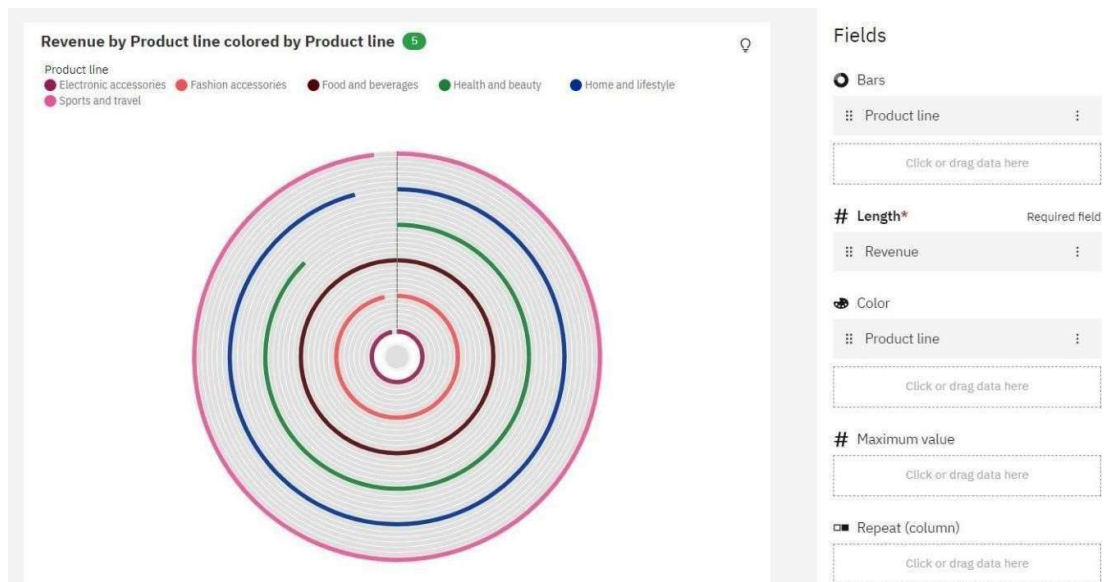
9.Tree



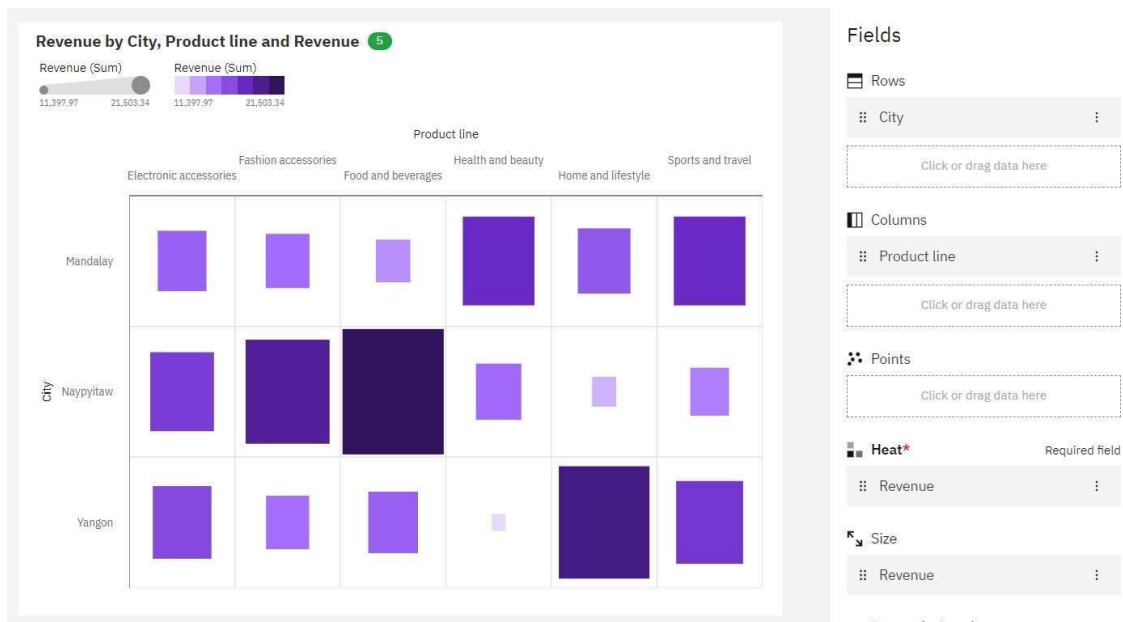
10.Crosstab



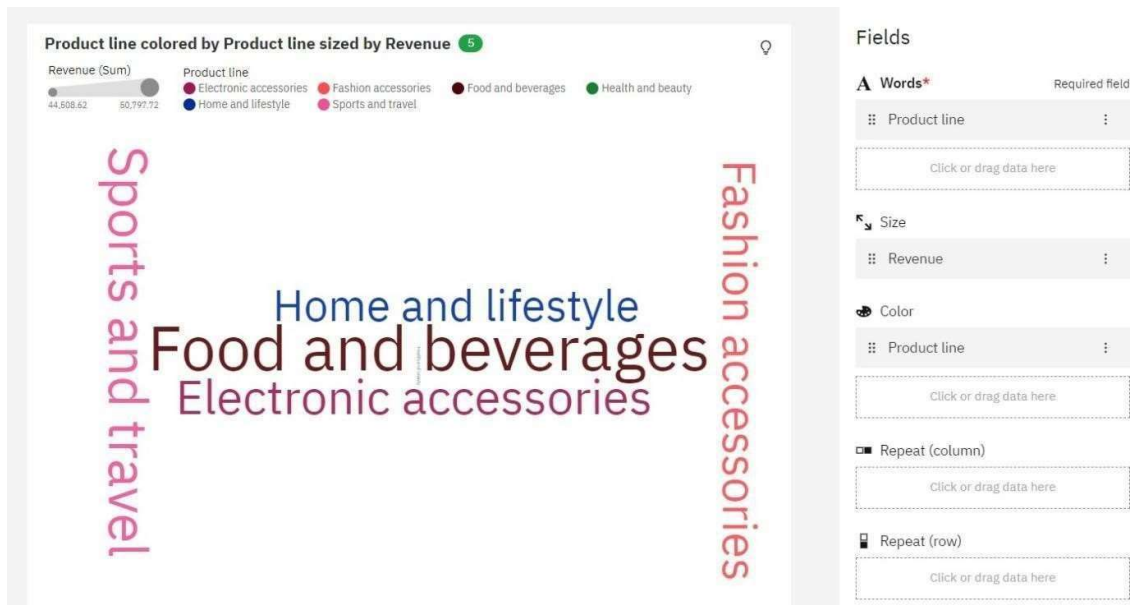
11.Radial



12.Heat

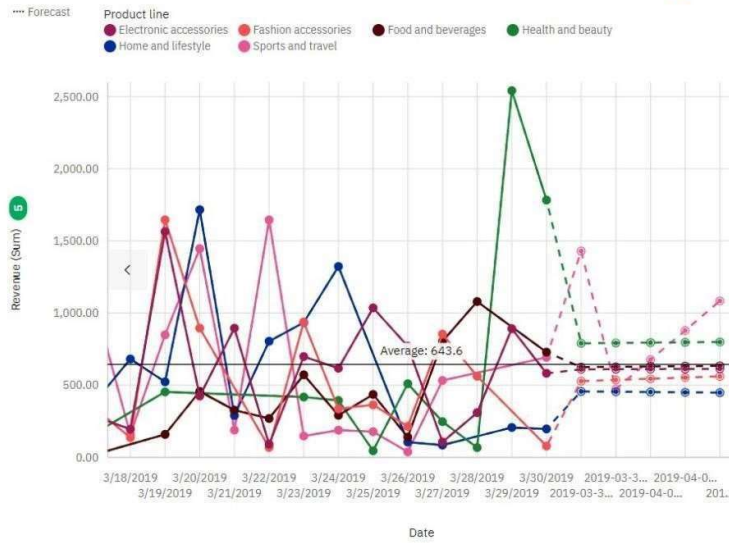


13.Word Cloud



14.Line

Revenue by Date colored by Product line



Fields

X-axis* Required field

Date

Click or drag data here

Color

Product line

Click or drag data here

y-axis* Required field

Revenue

Click or drag data here

Repeat (column)

Click or drag data here

Repeat (row)