

# Smart Internz

## **Data Analytics with IBM Cognos**

**College:**

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# Splitting Date into Month, Date, Year:

relationships Custom tables

Total	Date	Time	Payment	cogs	gross margin percent
548.9715	1/5/2019	13:27	Ewallet	522.83	4.76190476
80.22	3/8/2019	18:07	Cash	76.4	4.76190476
340.5255	3/3/2019	17:03	Credit card	324.31	4.76190476
489.048	1/27/2019	10:25	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		Credit card	164.52	4.76190476
60.816	2/6/2019		Ewallet	57.92	4.76190476
107.142	3/9/2019		Cash	102.04	4.76190476
246.4875	2/12/2019		Ewallet	234.75	4.76190476
453.495	2/7/2019		Cash	434.6	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

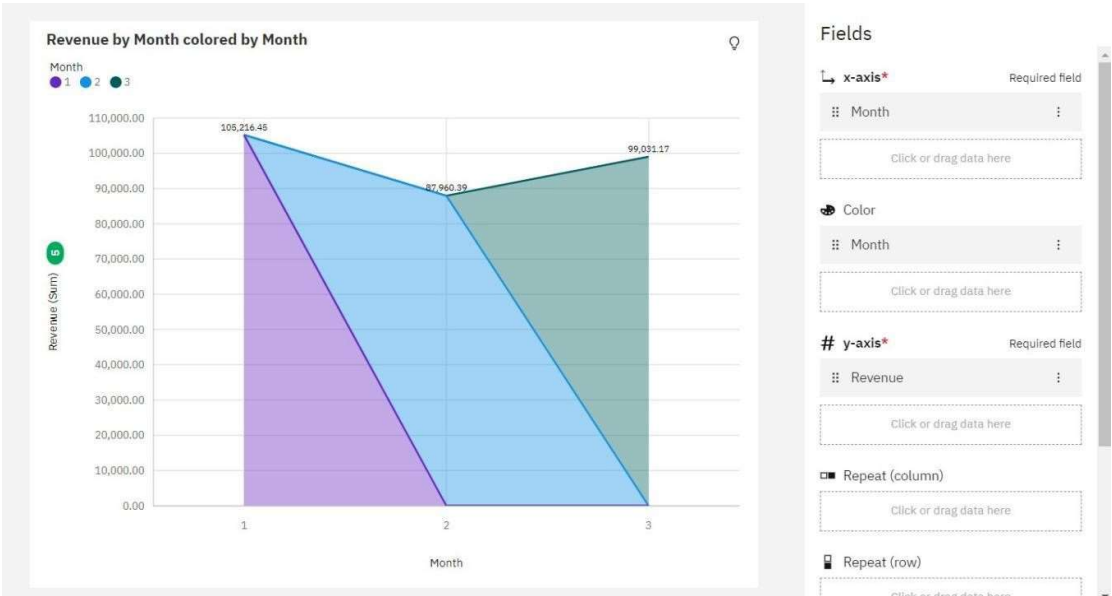
Relationships

Custom tables

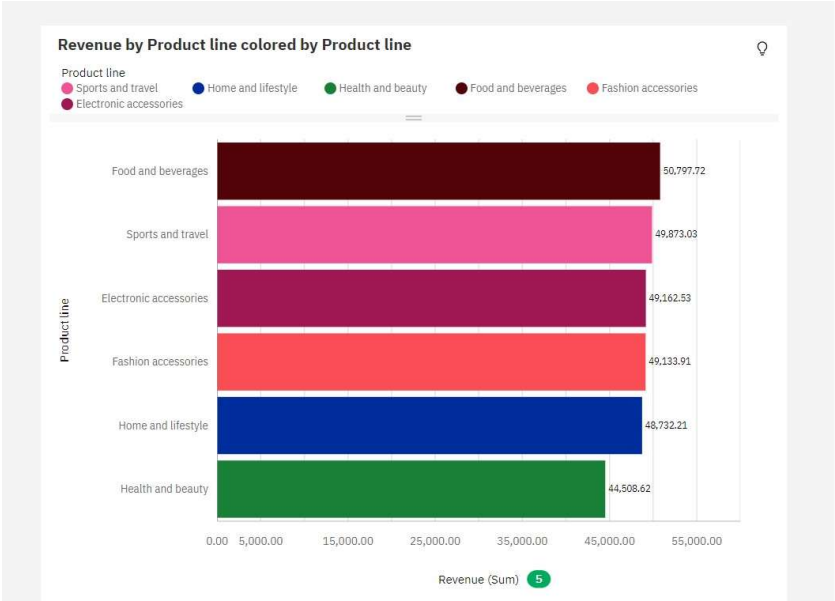
↑↓	Date	Year	Time	Filter...	cogs	gross margin percentage	gross
5		2019	13:08	<div><div>🔗 Create data group...</div><div>📍 Create navigation path...</div><div>📄 Split...</div><div>🔍 Hide from users</div><div>🗑 Remove</div><div>📄 Format data...</div><div>🧹 Clean...</div><div>⬇ Sort descending</div><div>⬆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

# Now we can implement Visualizations:

## 1.Area



## 2.Bar Graph



### Fields

**Bars**

Product line

Click or drag data here

**# Length\*** Required field

Revenue

Click or drag data here

**# y-start**

Click or drag data here

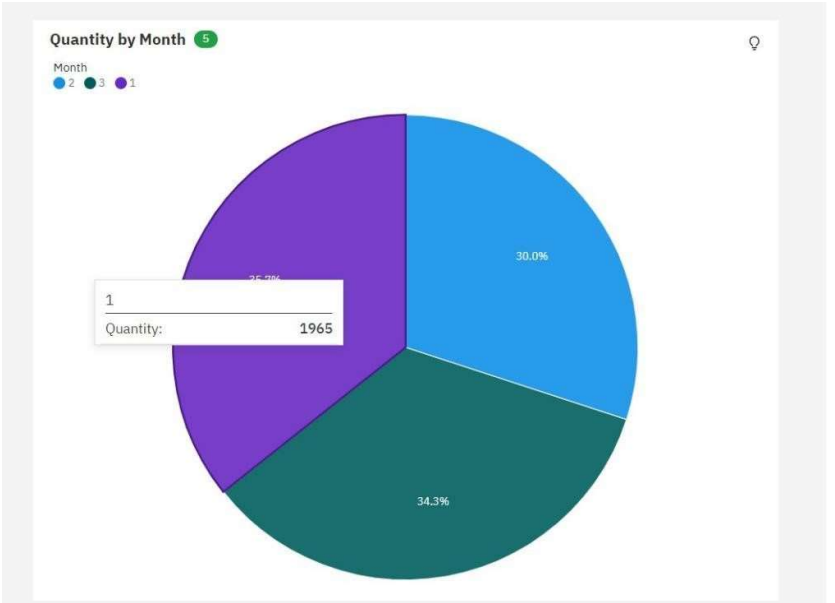
**Target**

Click or drag data here

**Color**

Product line

## 3.Pie Chart



### Fields

**Segments\*** Required field

Month

Click or drag data here

**# Size\*** Required field

Quantity

**Repeat (column)**

Click or drag data here

**Repeat (row)**

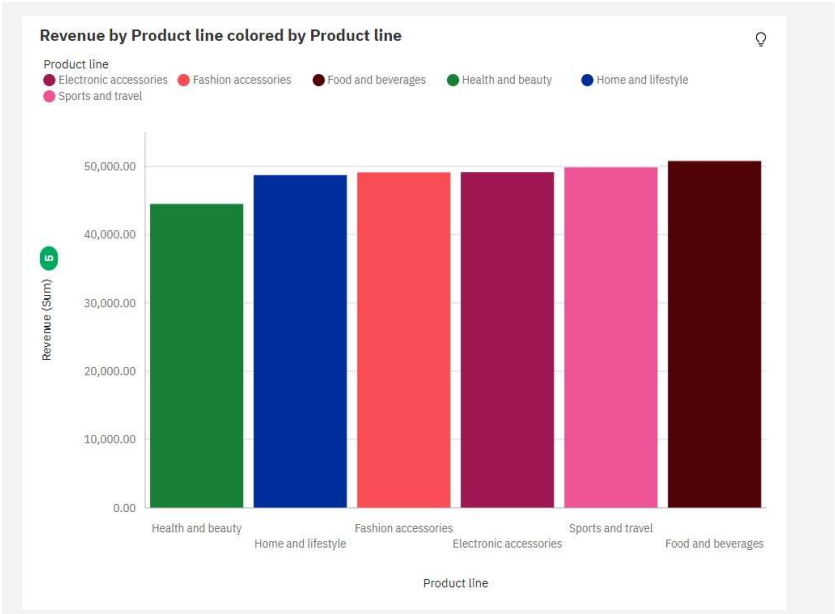
Click or drag data here

**# Tooltip**

Click or drag data here

**Local filters**

## 4.Column Chart



### Fields

**Bars**

Product line

Click or drag data here

**# Length\*** Required field

Revenue

Click or drag data here

**# y-start**

Click or drag data here

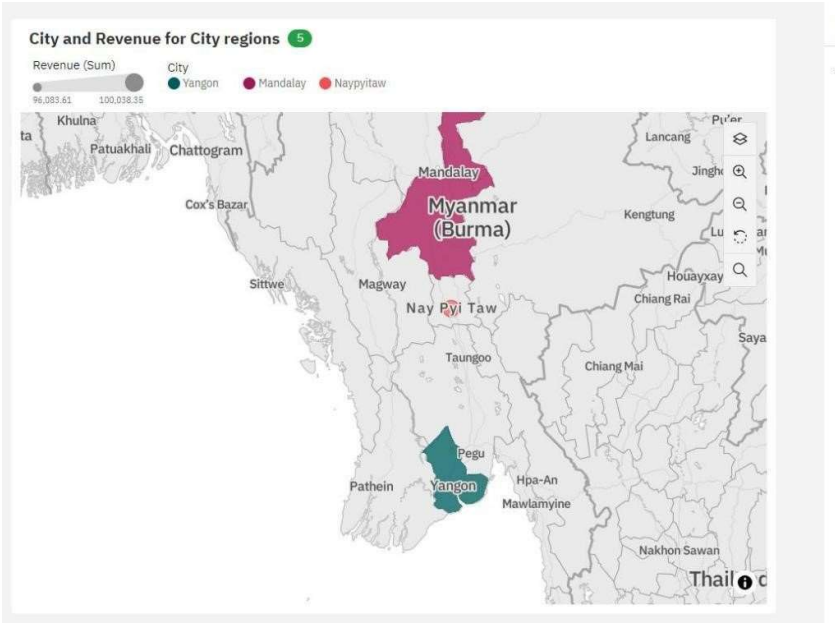
**Target**

Click or drag data here

**Color**

Product line

## 5.Map



### Fields

**Regions**

**Locations\*** Required field

City

Click or drag data here

**Location color**

City

Click or drag data here

**# Location extrusion height**

Revenue

Click or drag data here

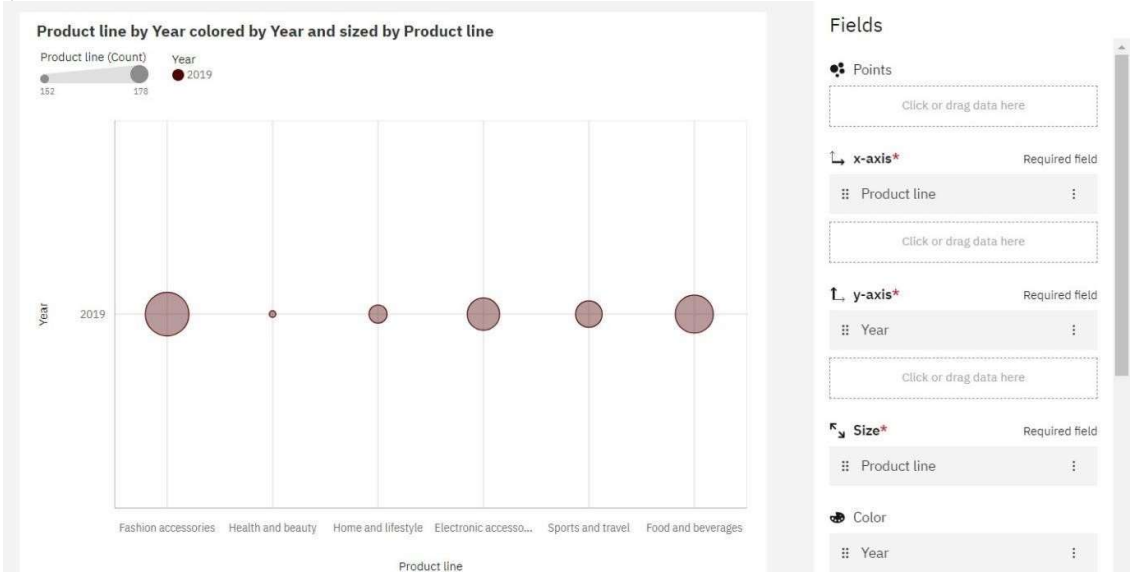
**Label**

Click or drag data here

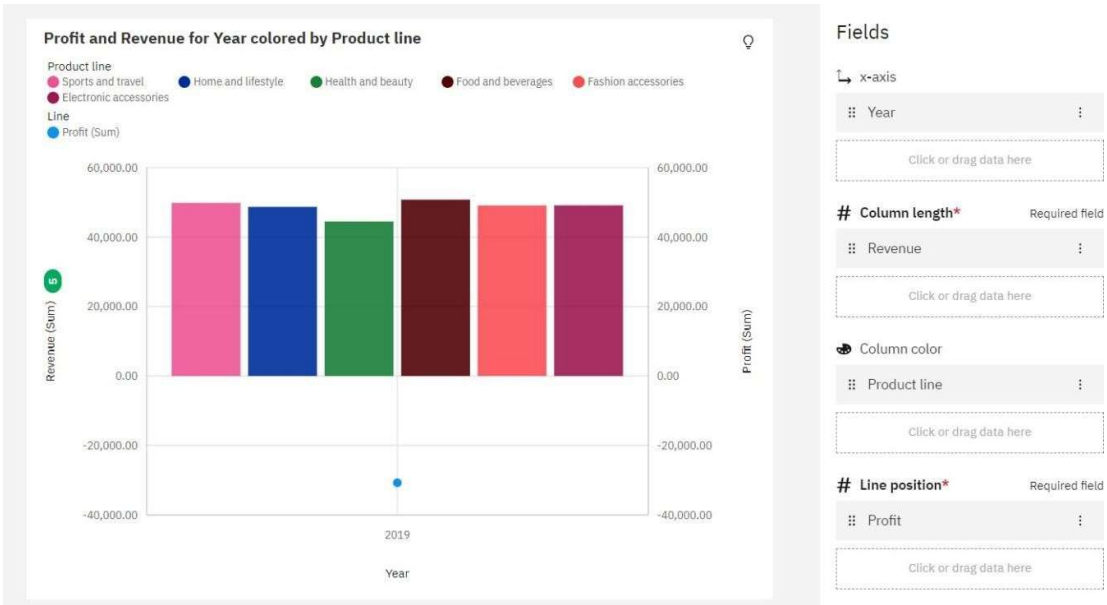
**# Tooltip**

Click or drag data here

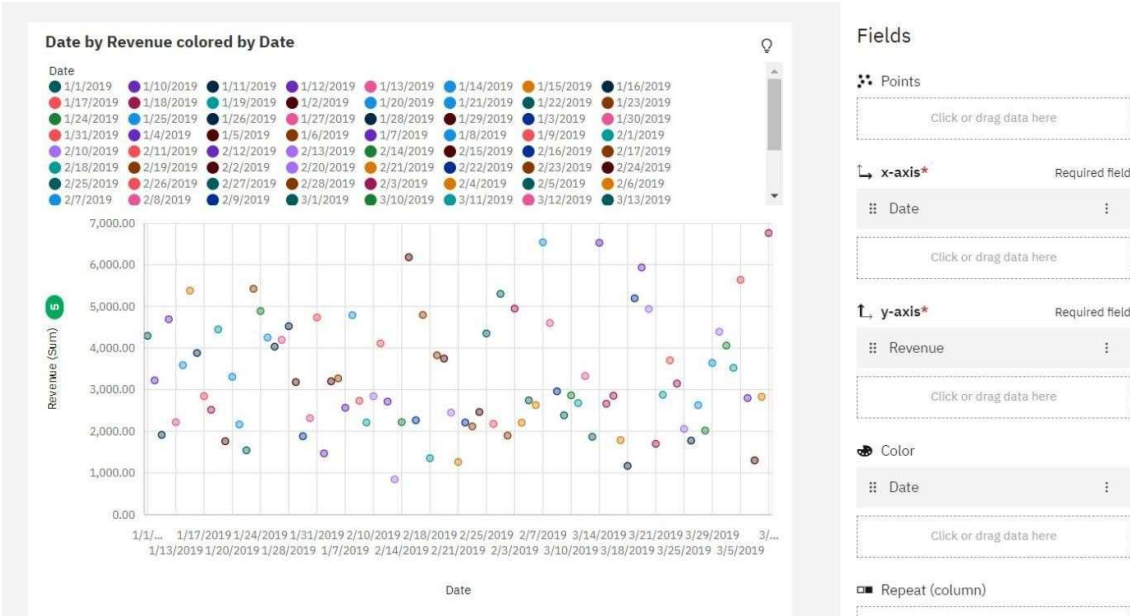
## 6.Bubble



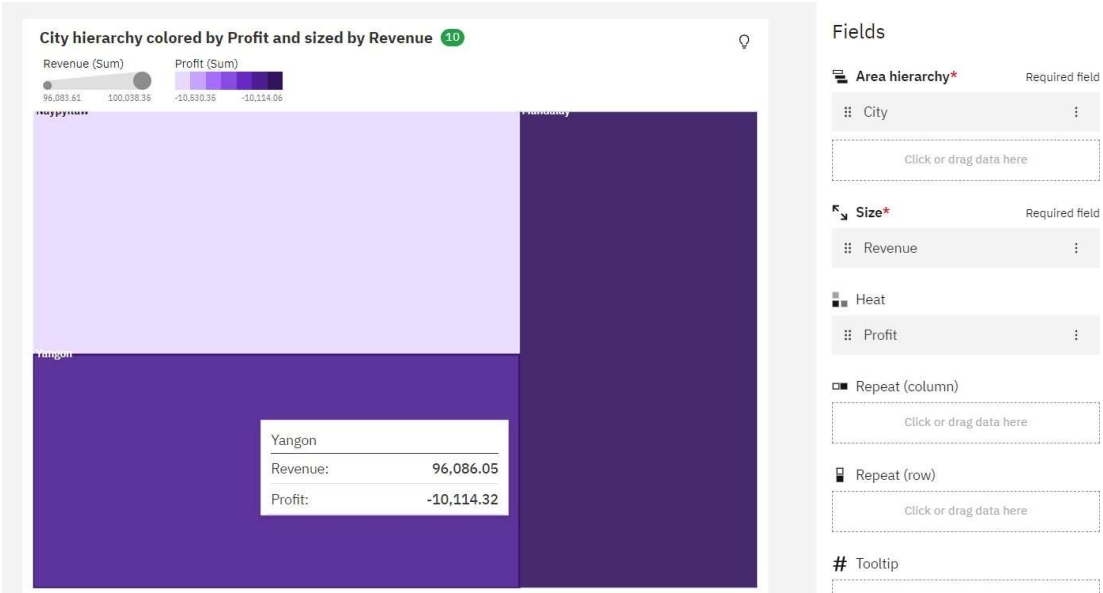
## 7.Line and Column



## 8.Scatter



## 9.Tree



# 10.Crosstab



Fields

Columns

Product line

Click or drag data here

Rows

City

Click or drag data here

# Values\* Required field

Profit

Click or drag data here

Local filters

Click or drag data here

# 11.Radial



Fields

Bars

Product line

Click or drag data here

# Length\* Required field

Revenue

Color

Product line

Click or drag data here

# Maximum value

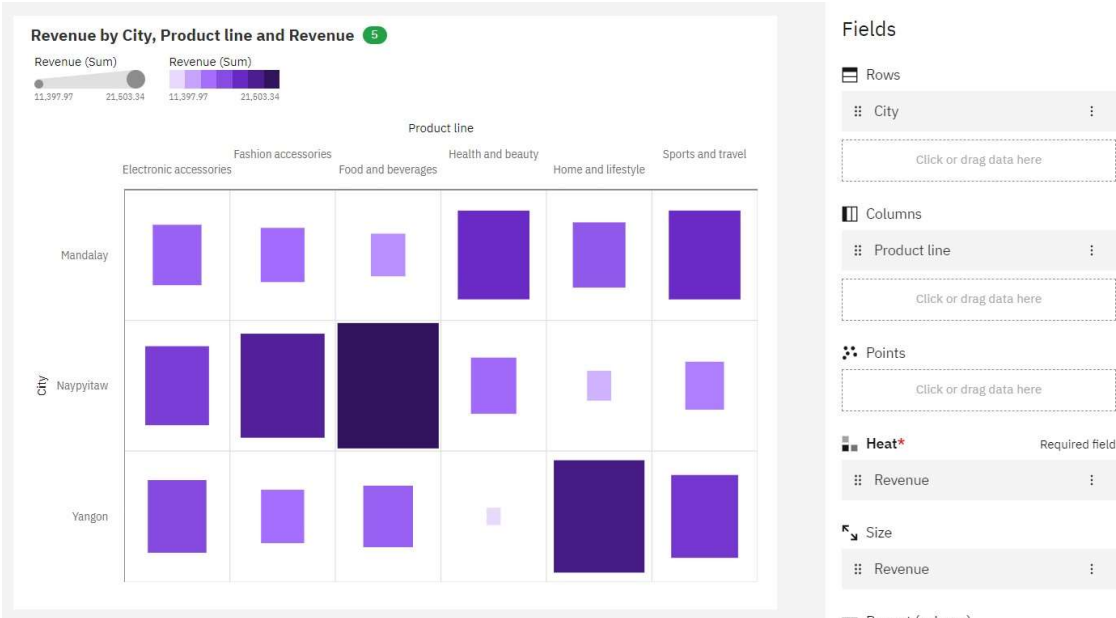
Click or drag data here

Repeat (column)

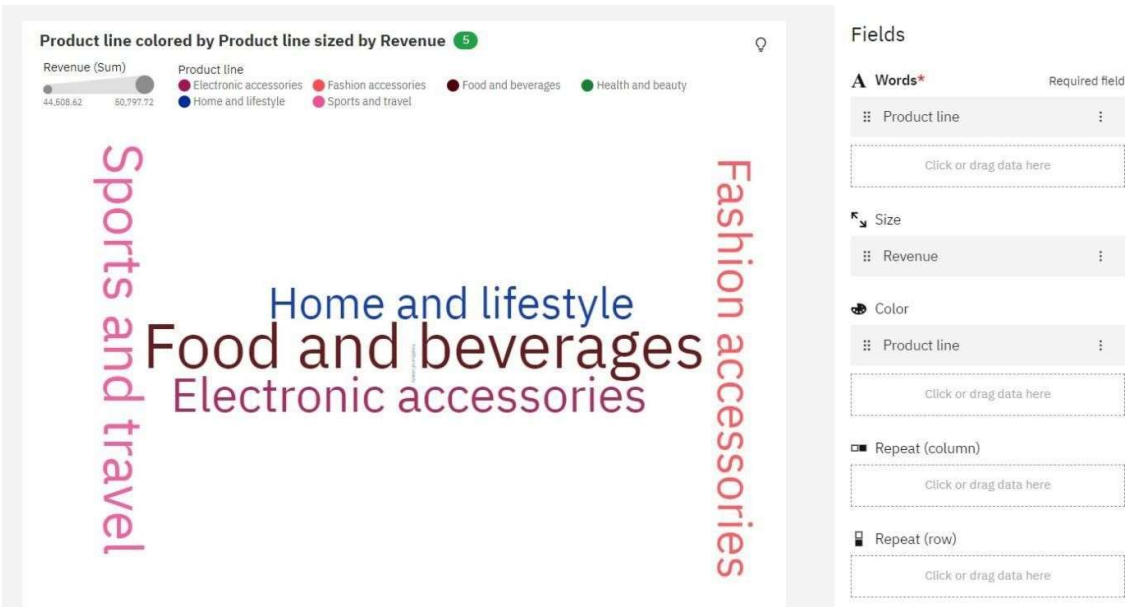
Click or drag data here



12.Heat



13.Word Cloud



14.Line

