**Assignment-1**

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**Course:-** Data Analytics collaboration with ibm

Cognos

**Branch:-** VIT-AP(Amravati)



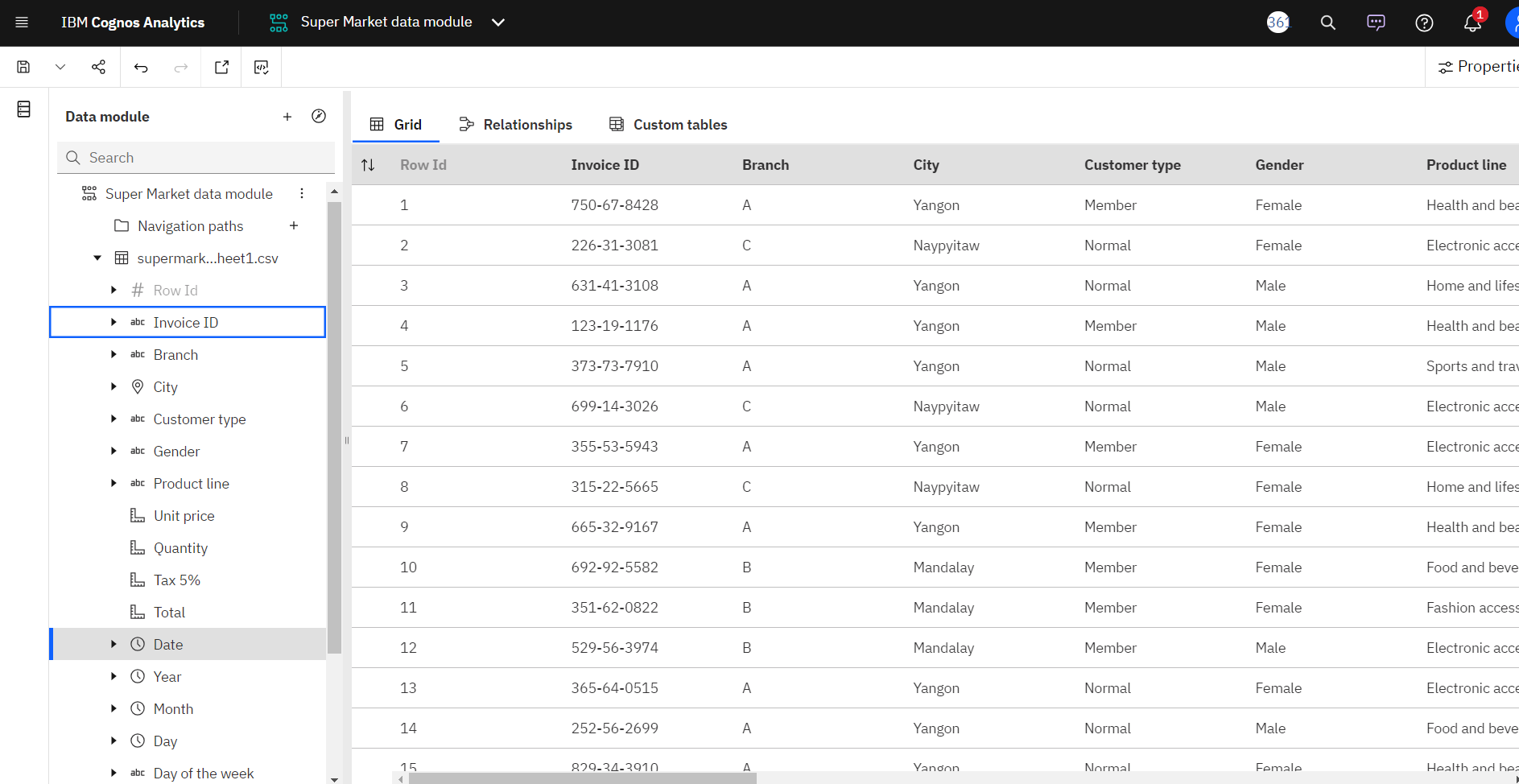
**Challenge:-**

Upload the dataset to Cognos Analytics, delete the unnecessary columns, create a data module, explore and visualize the dataset.

First we upload the supermarket excel sheet into IBM website.

And then we do some operations in data module adding or deleting the columns. Here the unnecessary columns are from my perspective is time. Because from time we don’t get any information or any help from visualization. And then I have split the date into year, date, month and day of the week.

**Supermarket data module:-**

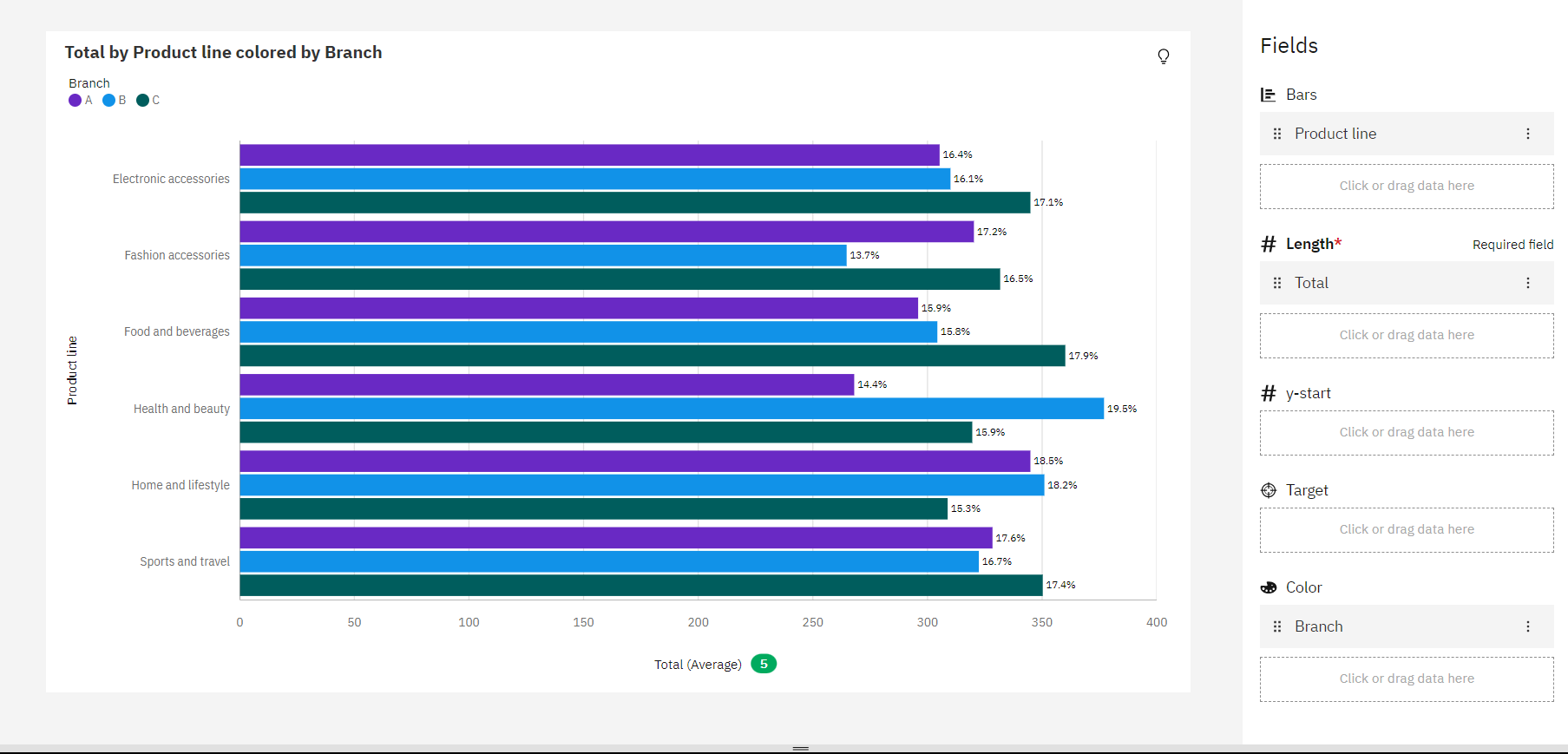


A screenshot of a calendar

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**Explore and Visualization: -**

**Bar Chart:-**

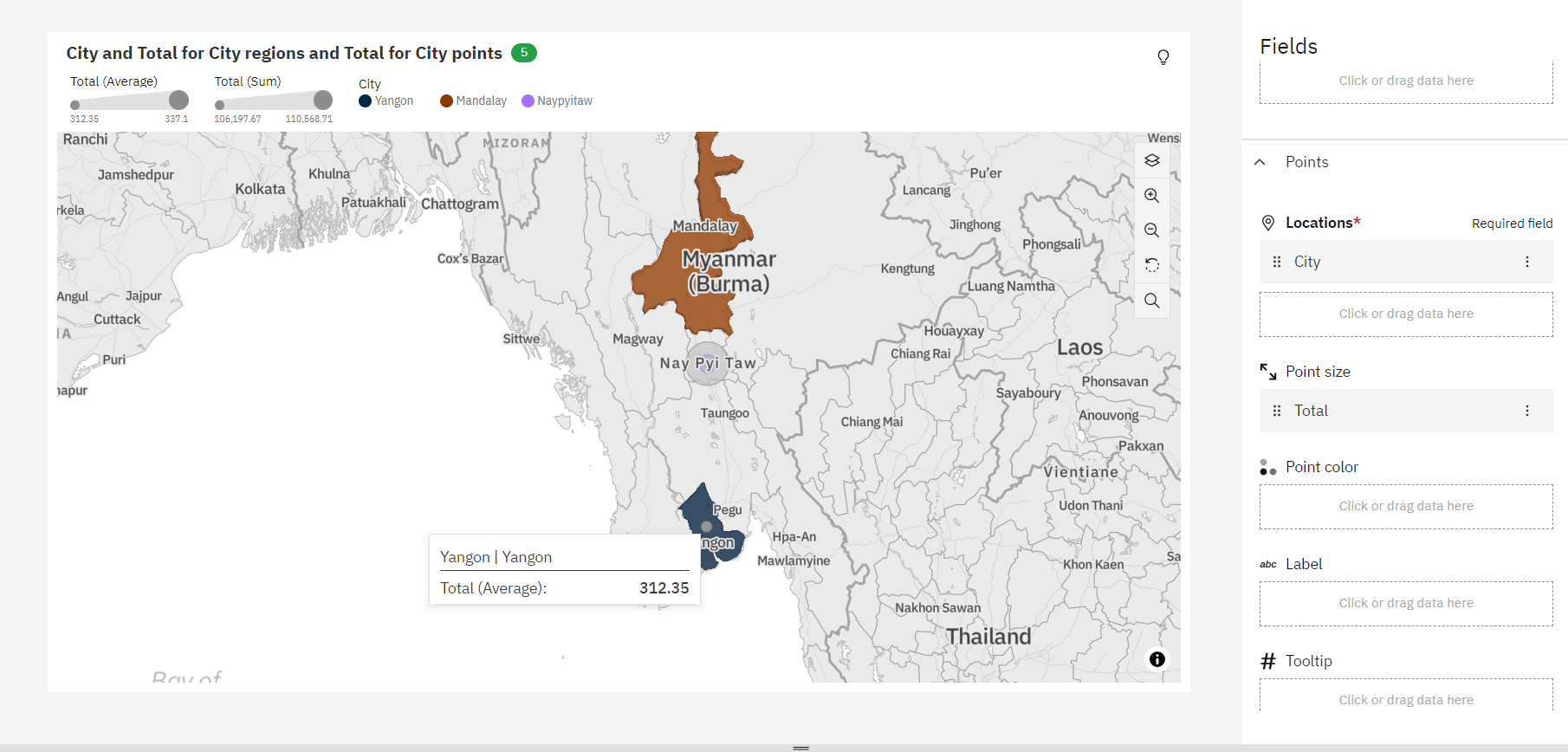


**Pie Chart:-**

**A screenshot of a pie chart

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**Map Chart:-**

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**Bubble Chart:-**

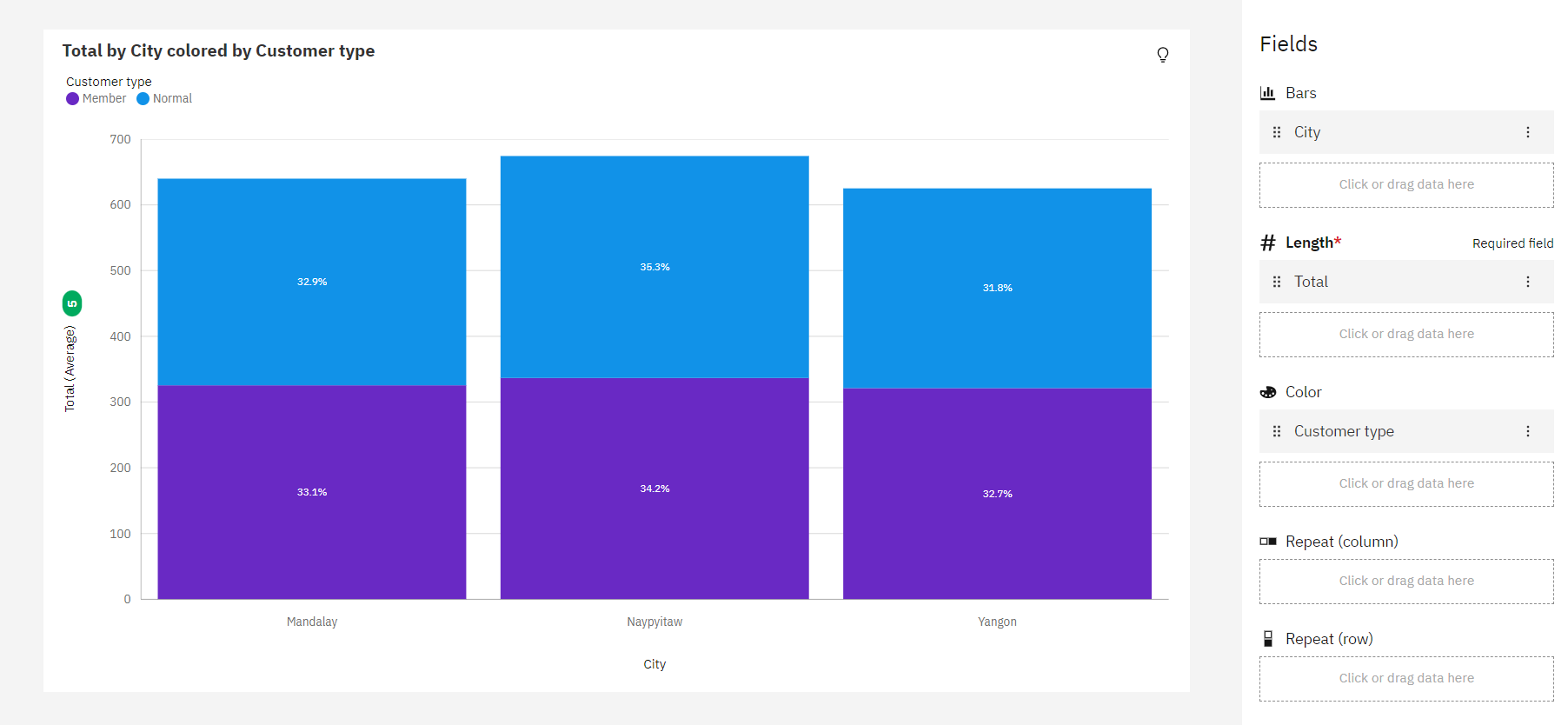
**A screenshot of a graph

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**Area Chart:-**

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**Stacked Column Chart:-**

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**Line and Column Chart:-**

**A screenshot of a graph

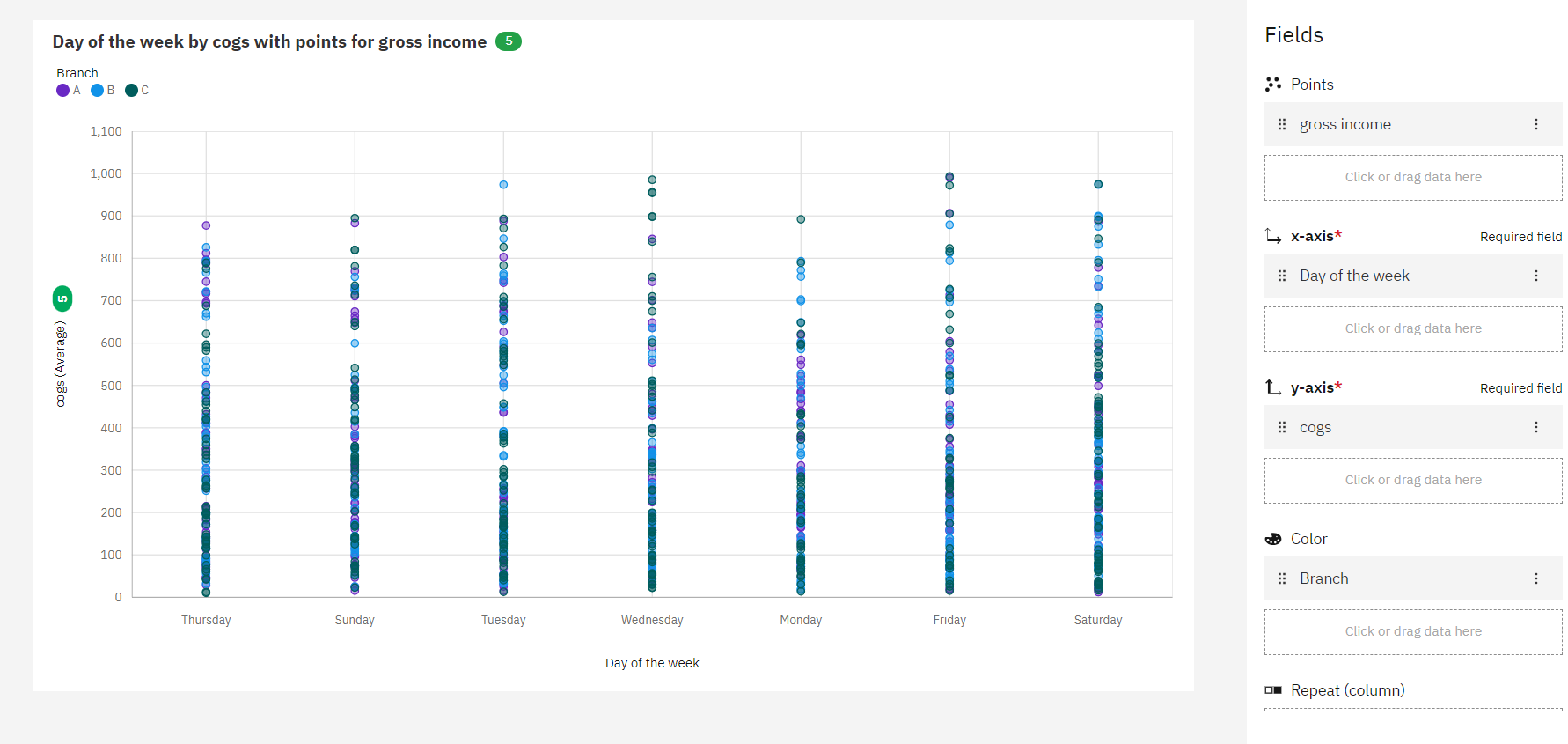
Description automatically generated**

**Box Plot:-**

**A screenshot of a graph

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**Scatter Plot:-**

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**Radial Chart:-**

**A screenshot of a computer

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**Hierarchy Bubble Chart:-**

**A screenshot of a computer

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**Heat Map Chart:-**

**A screenshot of a computer

Description automatically generated**

**Tree Map Chart:-**

**A screenshot of a computer screen

Description automatically generated**