Data Analytics with IBM Cognos Analytics

ASSIGNMENT 3

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Step 1: Upload the dataset to the MySQL and integrate with Tableau

Removing unnecessary columns

1. Gender: Gender might not strongly influence overall sales predictions.
2. Tax: While tax is relevant to the total price, including it in the analysis might not add much predictive value
3. Time: If you're looking at broader trends and patterns, specific purchase times might not be necessary

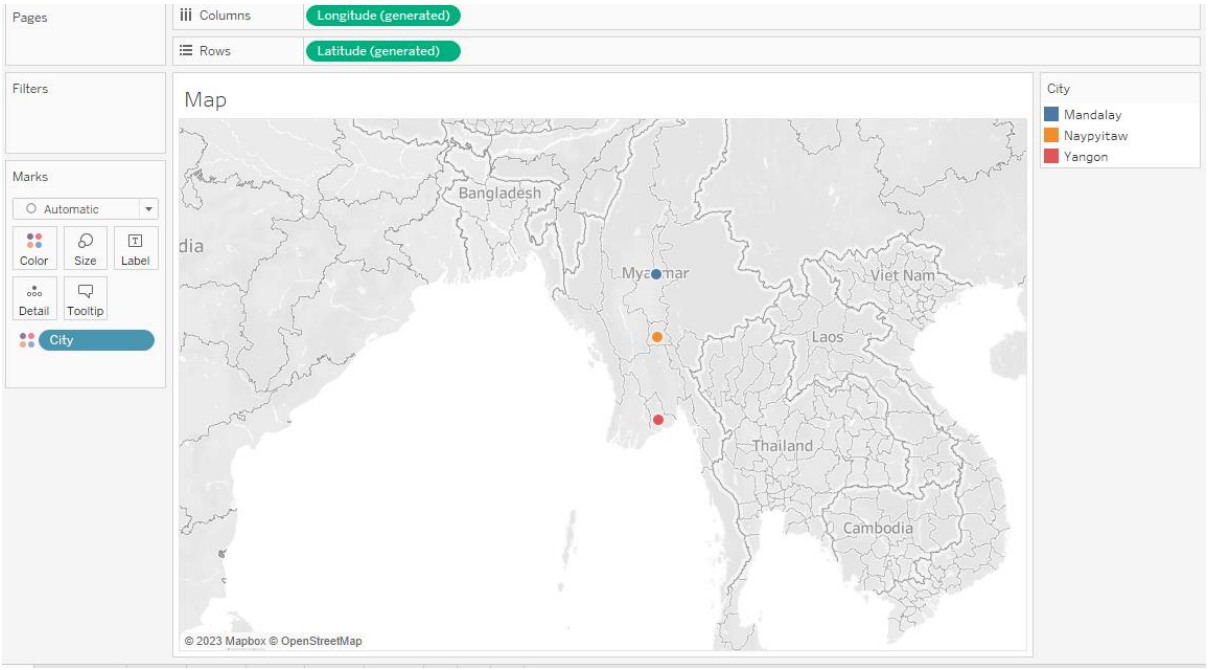
Visualizations

1) Distribution of Product line by their Branch

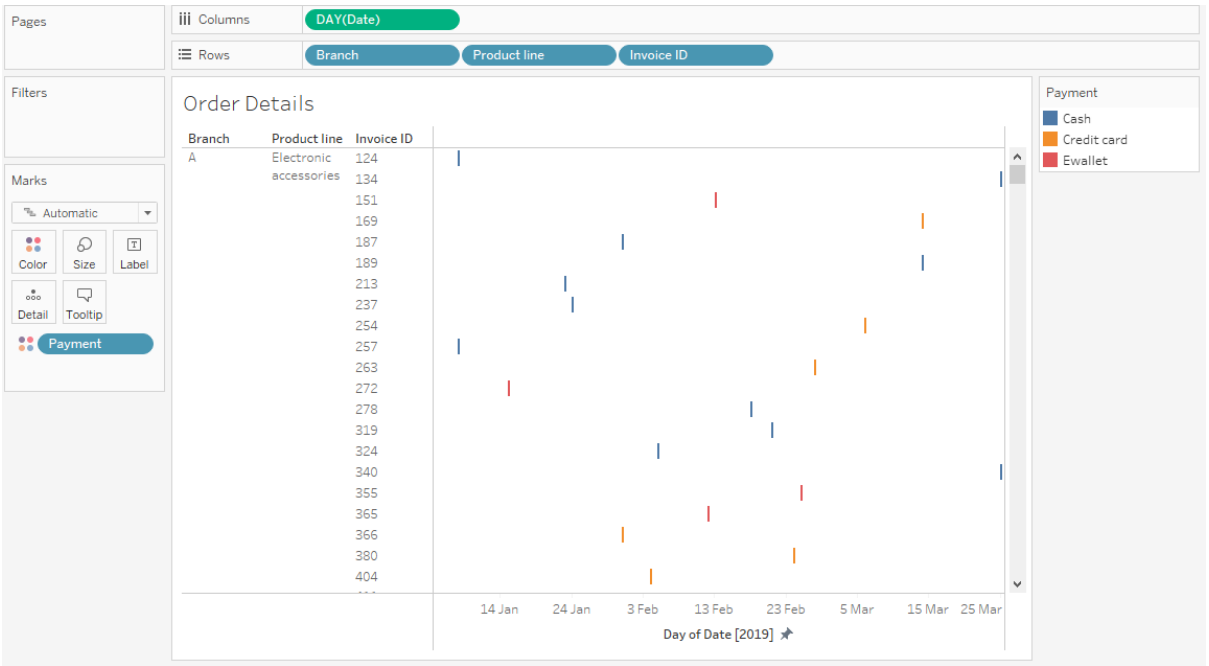
   Product line: General item categorization groups - Electronic accessories, Fashion accessories, Food and beverages, Health and beauty, Home and lifestyle, Sports and travel

   Branch: Branch of supercenter (3 branches are available identified by A, B and C).

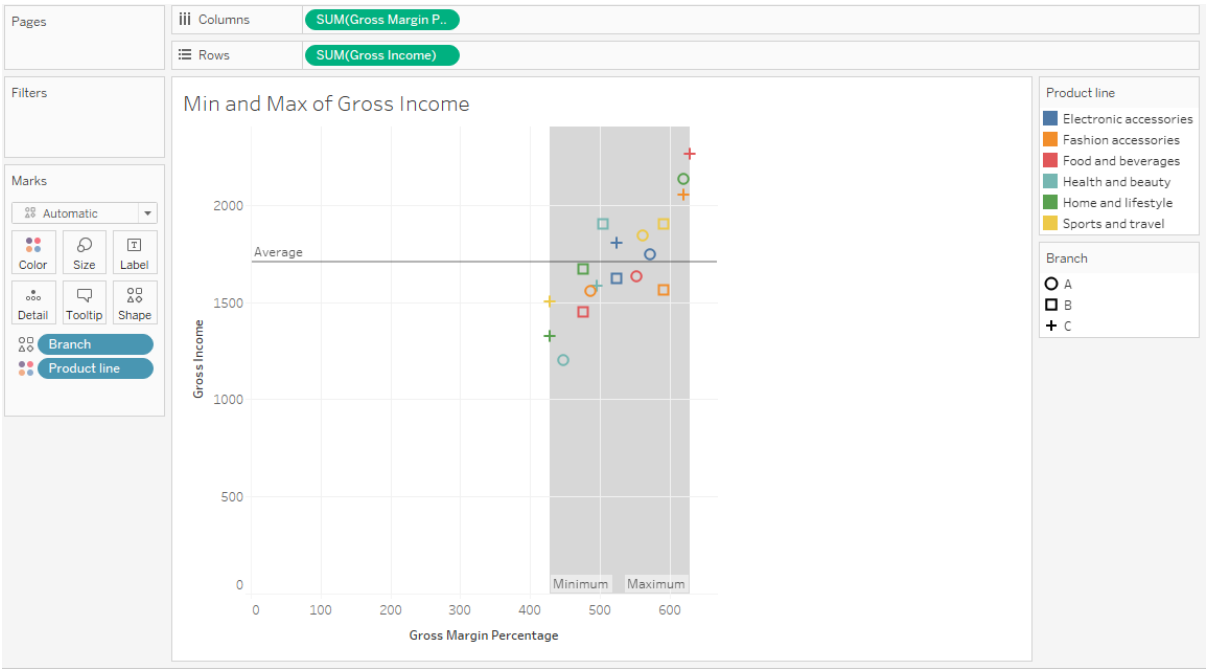
2) Map



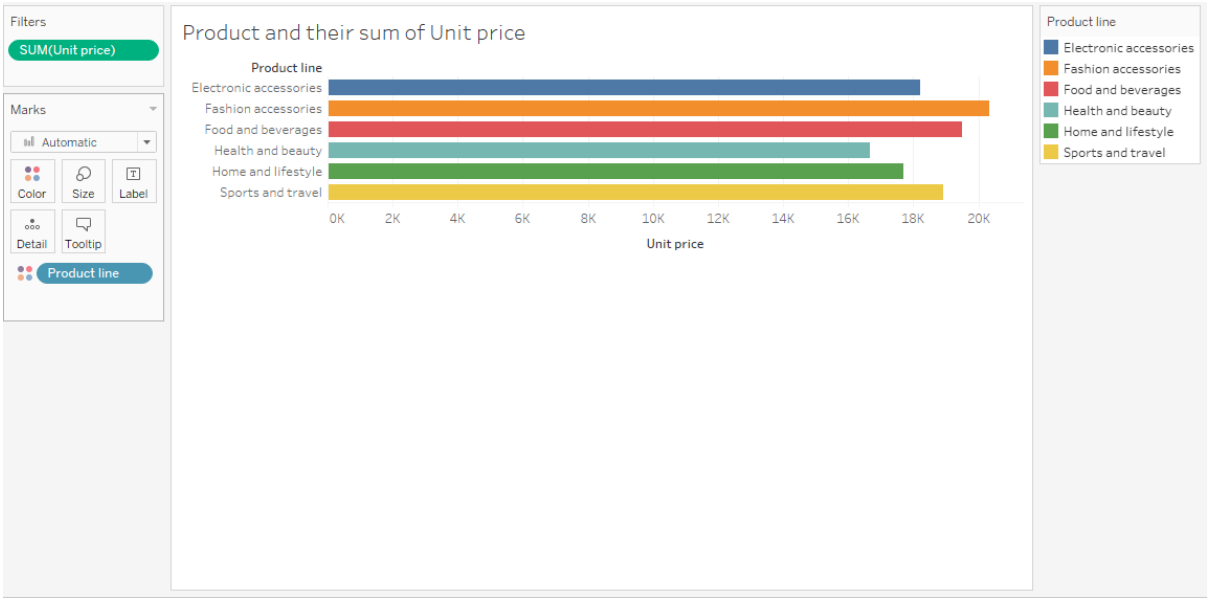
3) Distribution of Date by Invoice ID, Branch and Product line



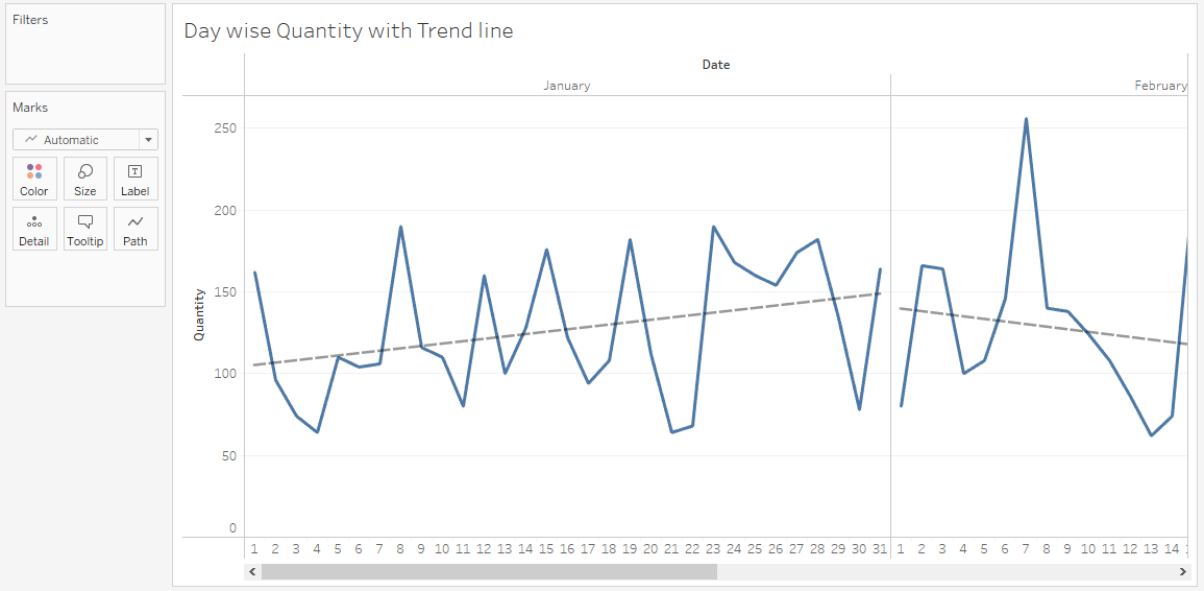
4) Min and Max of Gross income



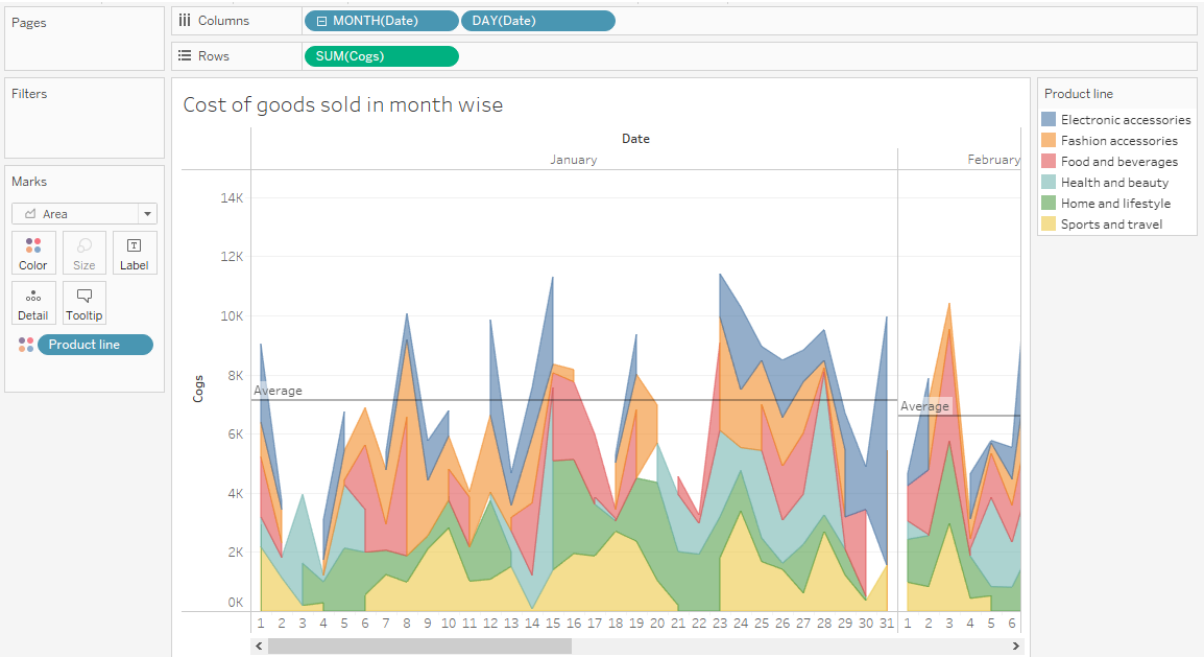
5) Distribution of Product line by Sum of Quantity



6) Distribution of Date by sum of Quantity using Trend line



7) Cost of goods sold in Day wise



8) Distribution of Customer type by Gross Income