

Data Analytics Assignment 1

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Problem Statement:

We have been provided with growth data for three different branches of a supermarket, covering a duration of three months. The competition in the market is fierce, particularly in highly populated cities. Our objective is to analyze the data by uploading it to Cognos Analytics, removing redundant columns, creating a data module, and exploring and visualizing the data set.

Dataset Link:

<https://www.kaggle.com/datasets/aungpyaeap/supermarket-sales>

Steps:

^ Quick launch



Upload data

Upload or drag and drop spreadsheets, csv files, and other data sources.



Prepare data

Use data modules to clean and connect data from multiple resources.



Exploration

Quickly find unbiased answers by identifying trends in your data with d...



Present data

Create sophisticated, multi-page, multi-query dashboards, reports, or st...

IBM Cognos Analytics with Watson * New exploration 25 Search content

Selected sources /

DataModule 1 + :

Q Search

- Navigation paths +
 - supermark...eet1.csv
 - Branch
 - City
 - Customer type
 - Gender
 - Product line
 - Unit price
 - Quantity
 - Tax 5%
 - Total

Column color

Line color

Column length

Build your visualization

x-axis

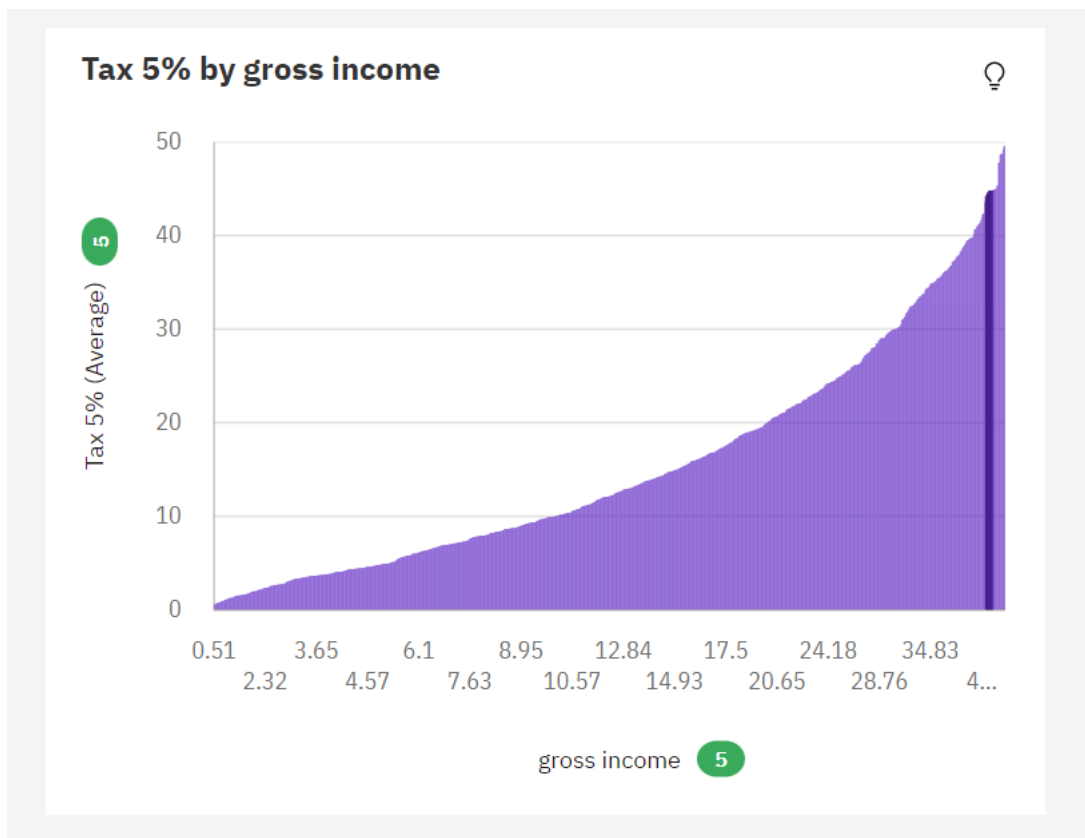
Fields

x-axis

Column length* Required field

Column color

Line position* Required field

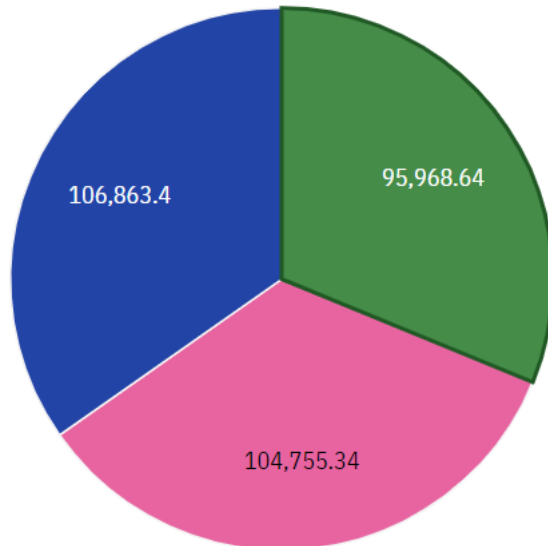


cogs by Payment 5



Payment

Credit card Ewallet Cash

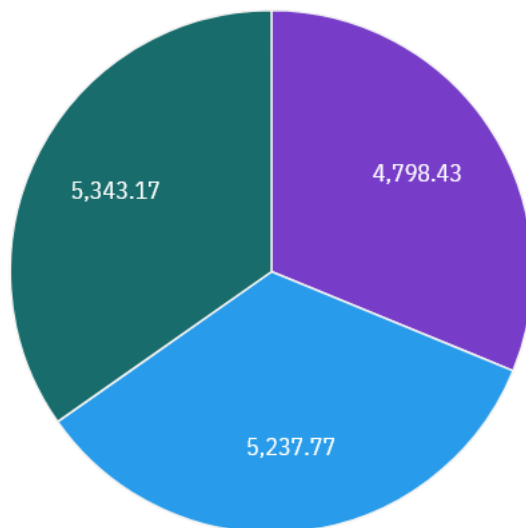


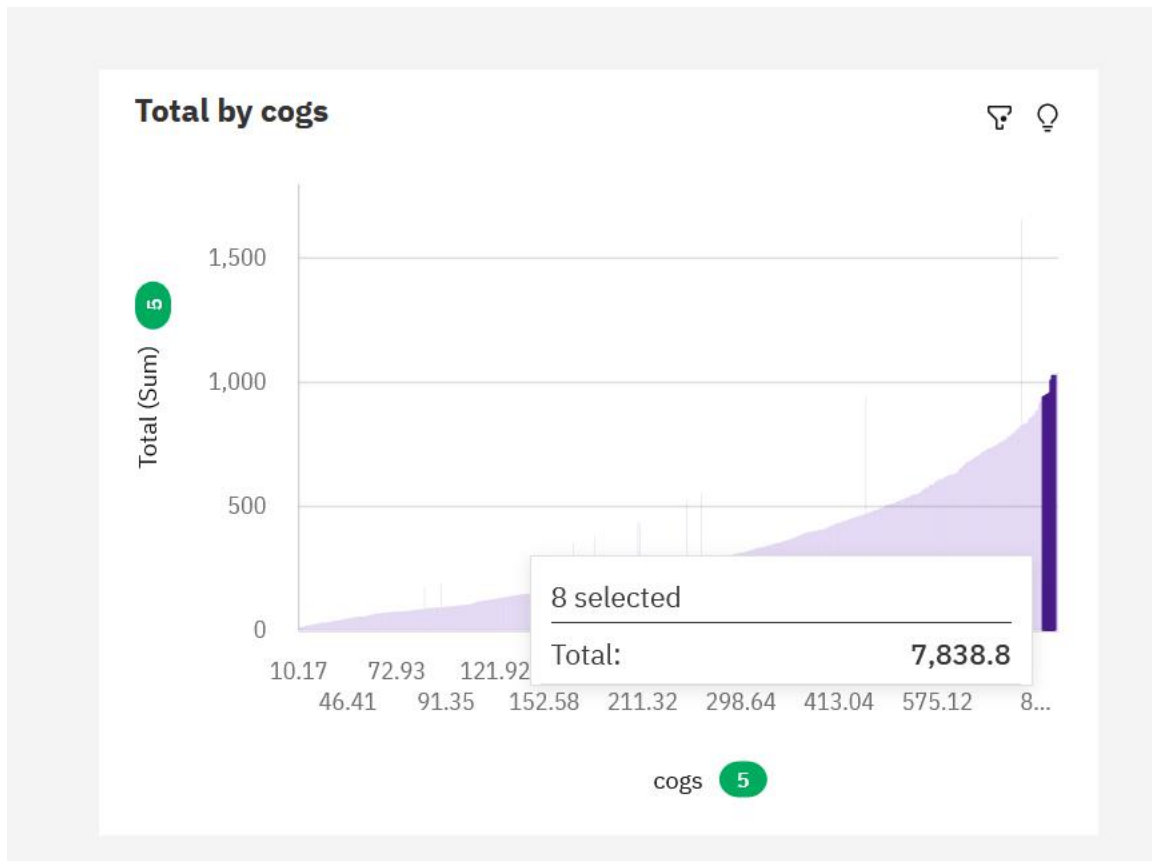
gross income by Payment 5

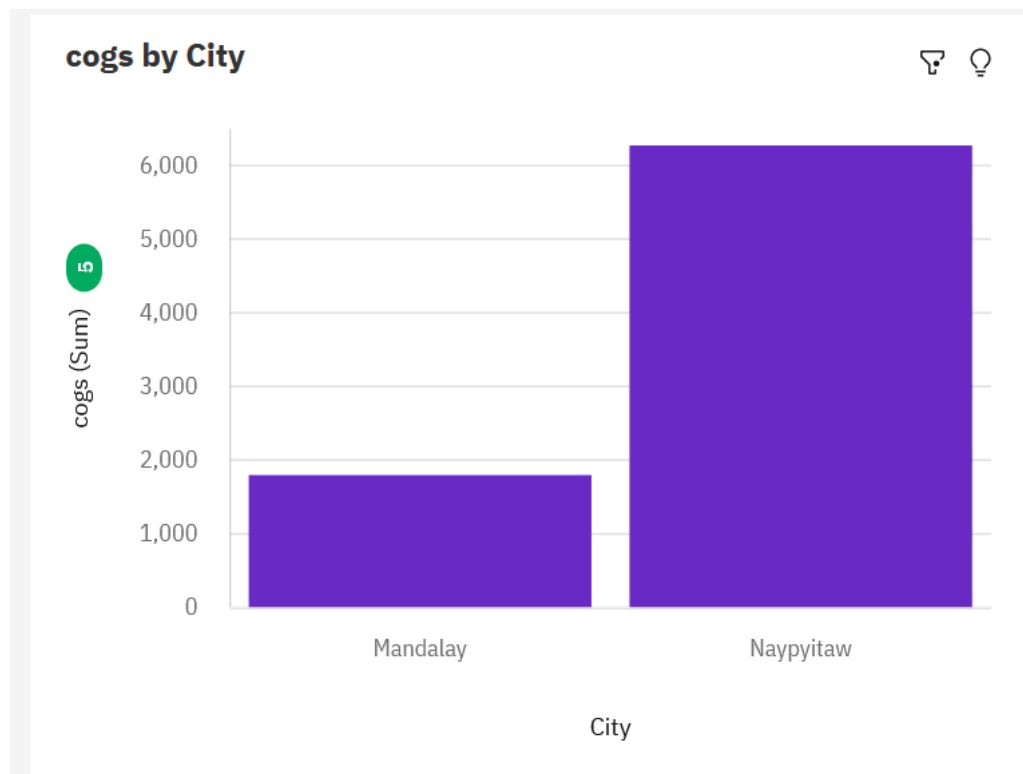


Payment

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Result:

Thus data exploration and visualization has been performed successfully,