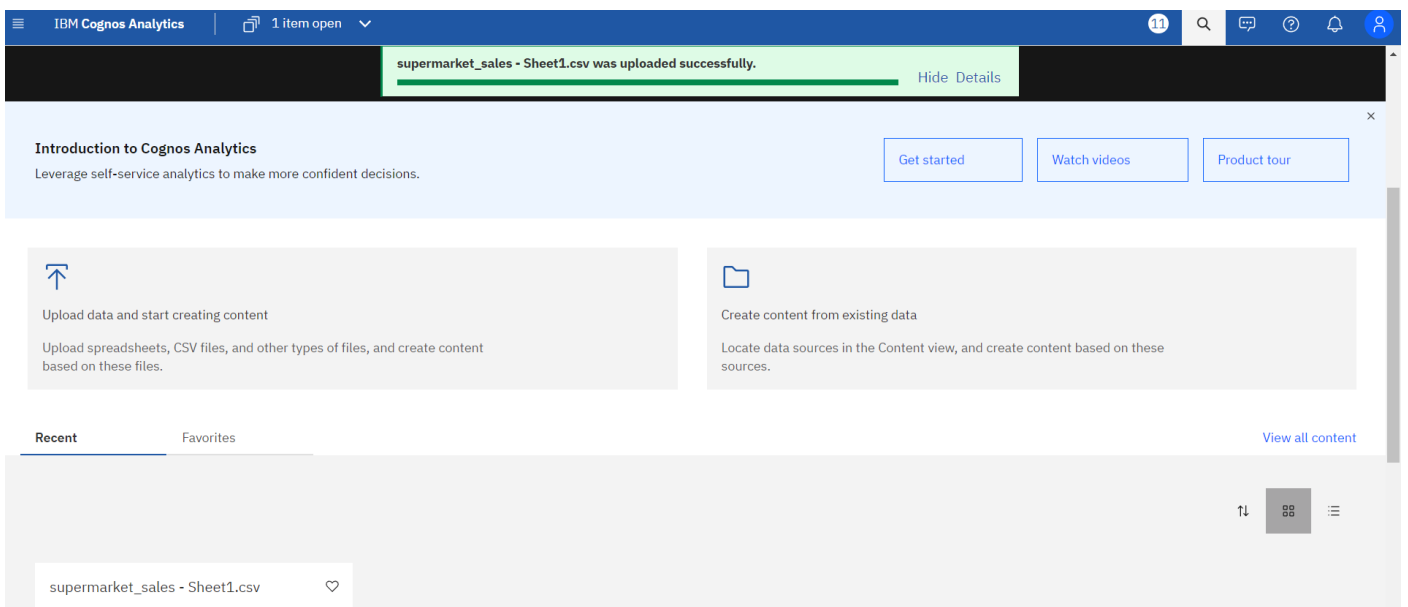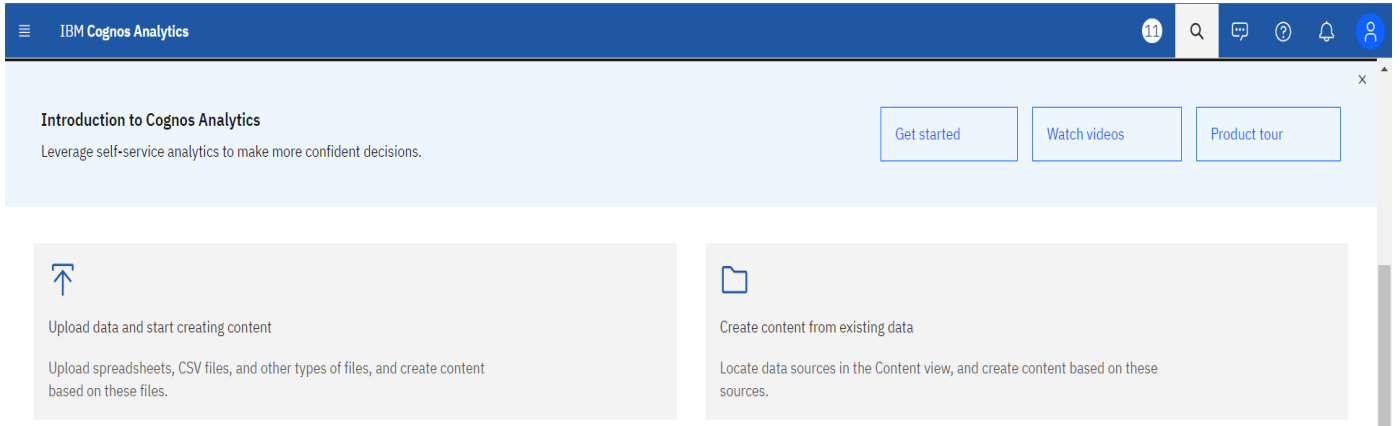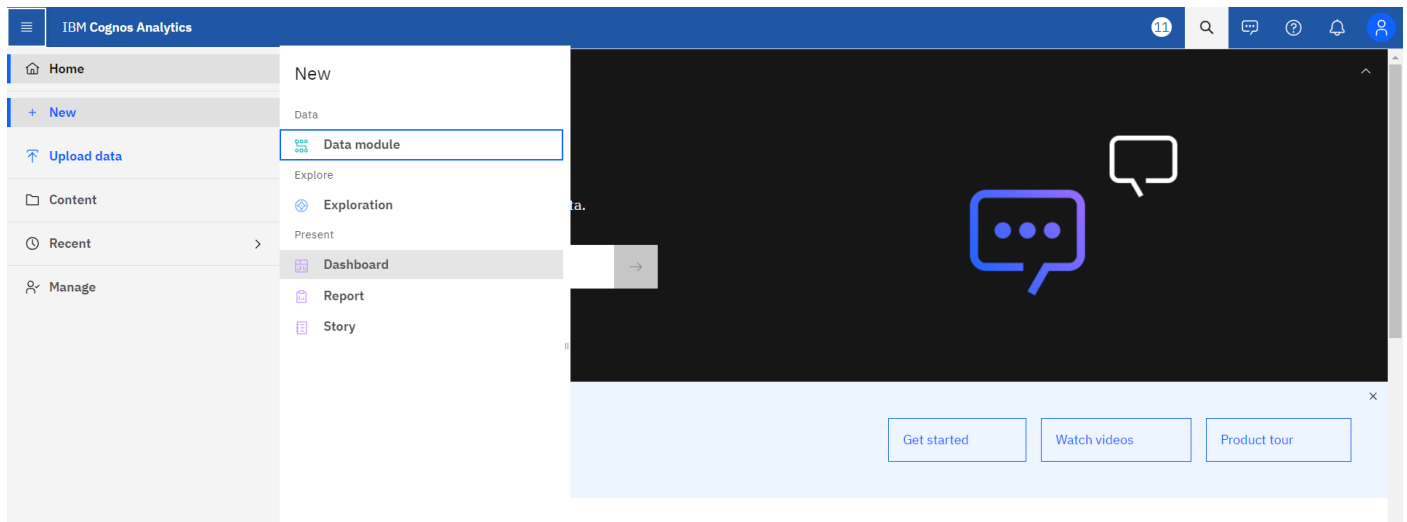# DA Assignment – 1

## Task 1: Upload the Dataset to Cognos, Delete Unnecessary Columns.

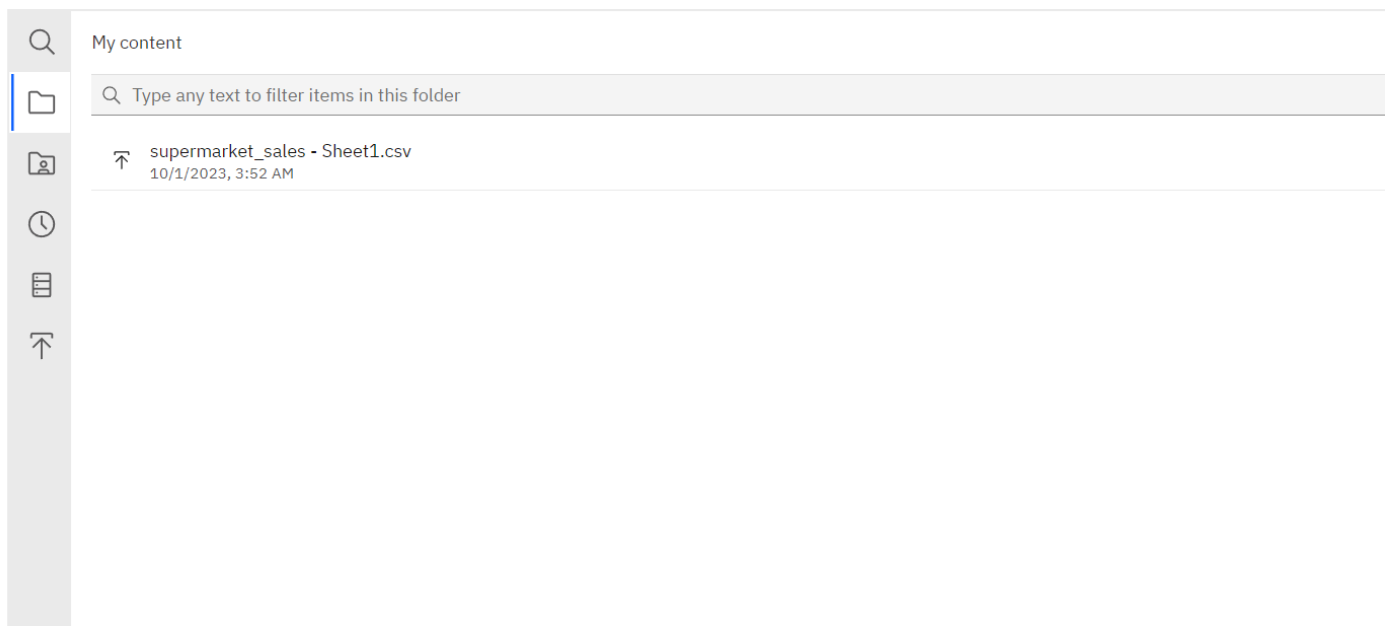## Step 1 : Upload the DataSet:

# Step 2: Create DataModule



## Select sources

## Step 4: Remove Unnecessary columns:



## Task 2: Select the dataset to explore

## Step 1: Select the exploration:

## Step 2: Select dataset to explore

### Add a data source to explore

My content | Team content

| Name | Type | Last Modified |
|------|------|---------------|
| ss data module | Data module | 10/1/2023, 4:05 AM |
| supermarket_sales - Sheet1.csv CSV | Uploaded file | 10/1/2023, 3:52 AM |

Cancel | Add

## Step 3: Explore the dataset:

Cards

**Data relationships**

Explore data relationships

ss data module

Reset to original

Total ✕ | Edit diagram ⌄

Quantity

Tax 5%

cogs

Total

gross income

Unit price

Relationship diagram ⓘ

10% ━━━●━━━━━━━ 100%

**323K**
Total

Add +

Total

Add +

Total and Unit price by Date

Add +
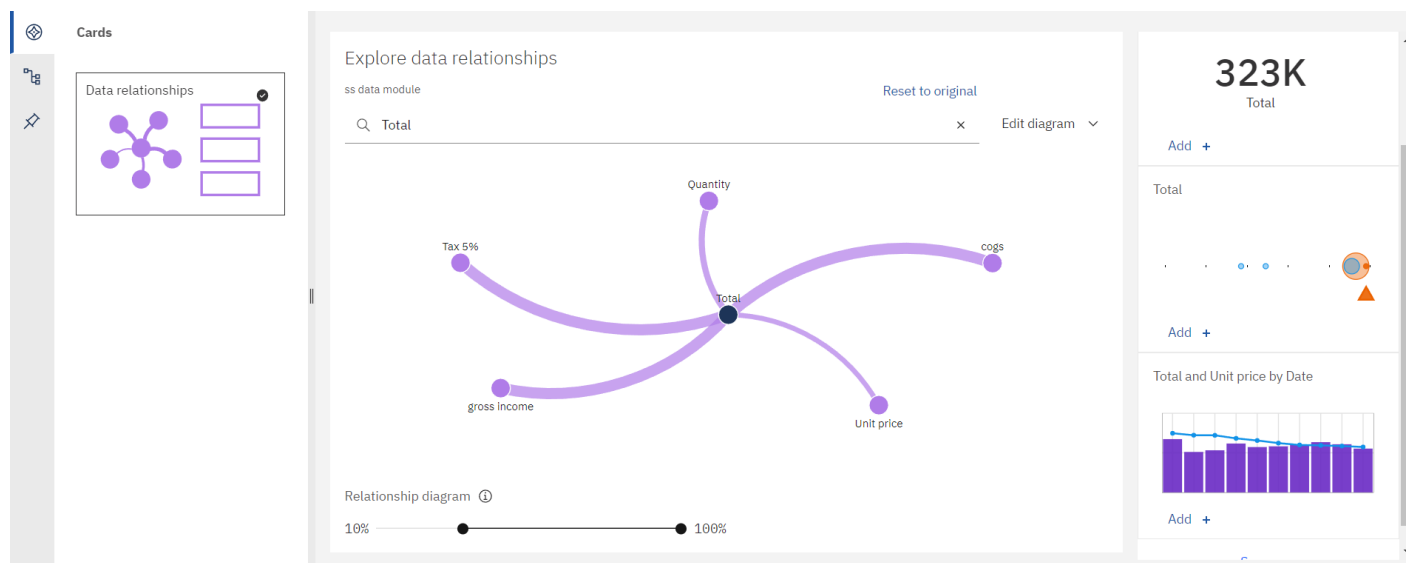
# Task 3: Visualize the Data Set.

## Step 1: Select Visualization type



# VISUALIZATIONS



cogs and gross income by Date
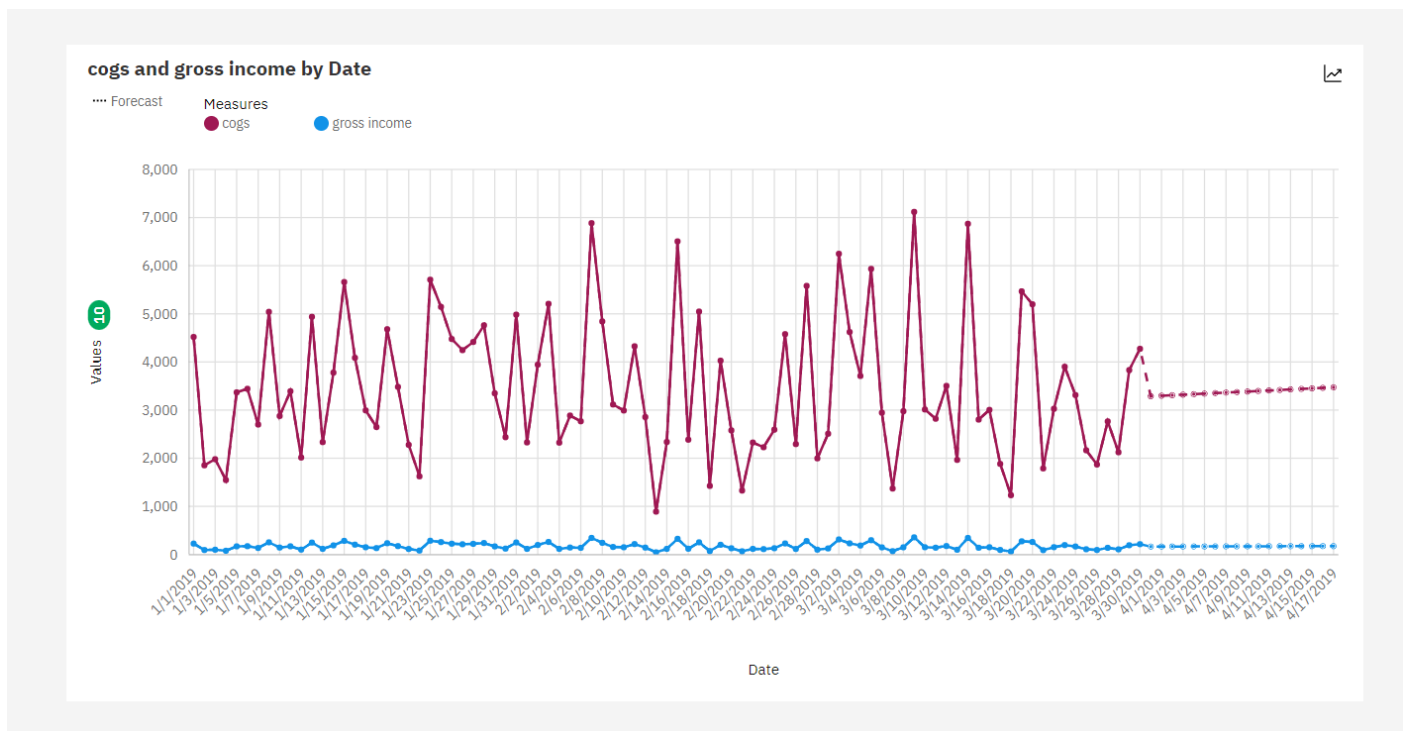
## Rating by Date
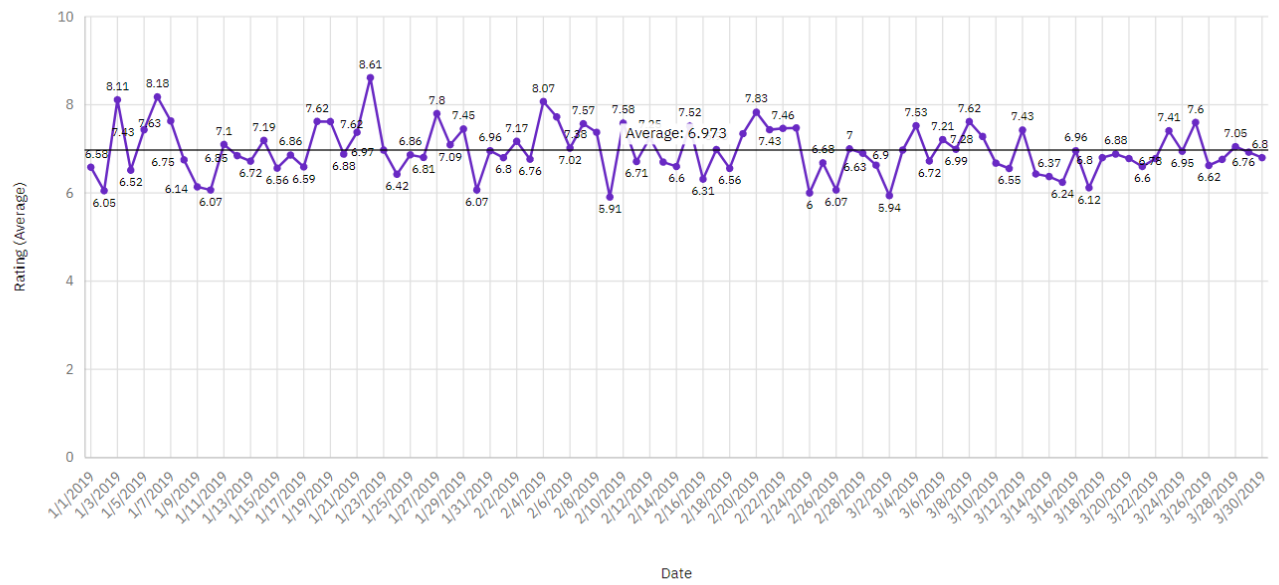


## gross margin percentage by Payment

Payment
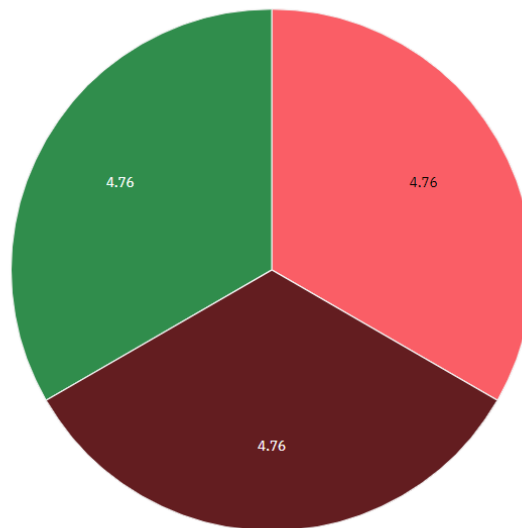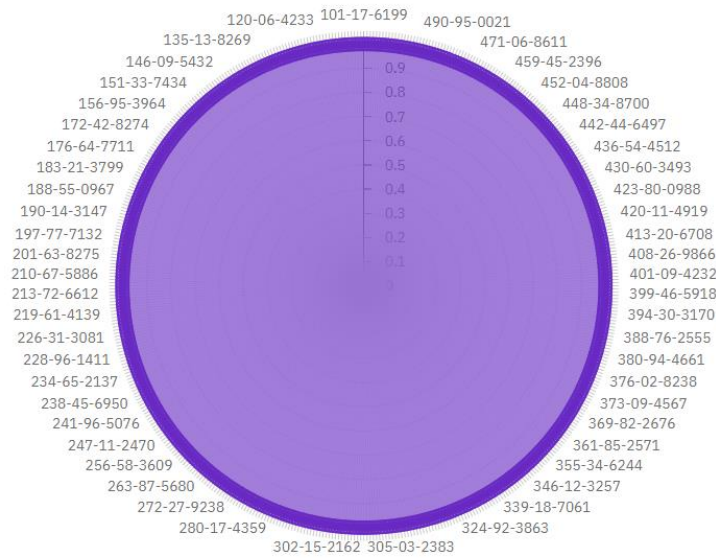● Credit card ● Ewallet ● Cash

**Payment by Invoice ID**
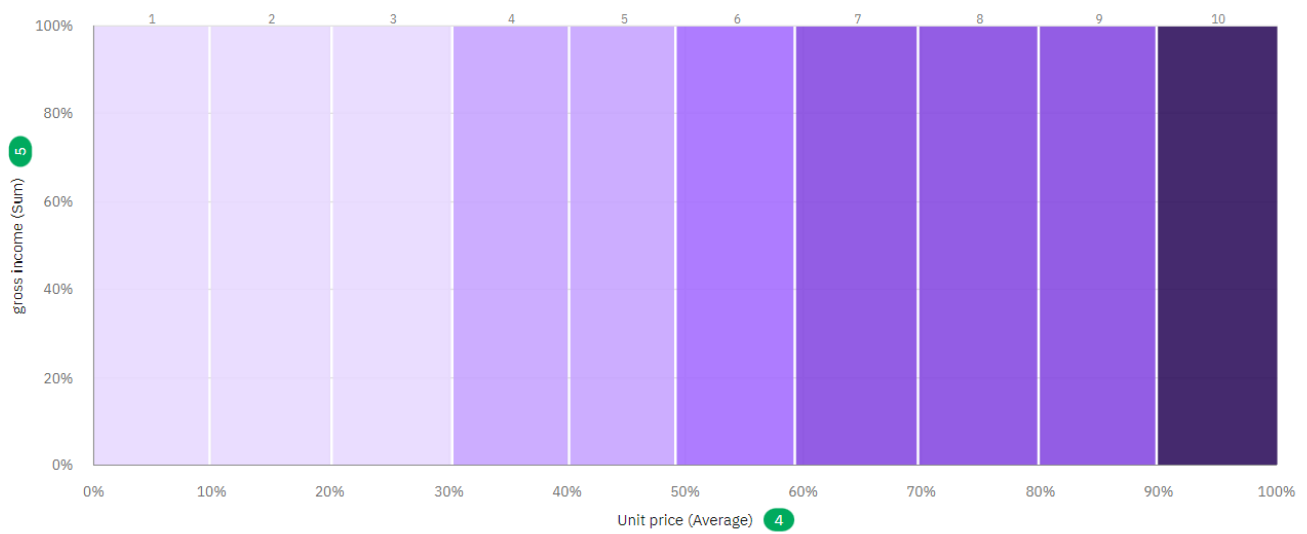


**cogs for Product line hierarchy** 5

cogs (Sum)

46,851.18    53,471.28

Product line
● Electronic accessories   ● Fashion accessories   ● Food and beverages   ● Health and beauty   ● Home and lifestyle   ● Sports and travel

## gross income and Unit price for Quantity colored by Total ⑨

Total (Sum)

6,442.35     69,928.95



gross income (Sum) ⑤

Unit price (Average) ④

## Tax 5% for Branch

Column values
● Increase  ● Decrease  ● Total



Tax 5% (Average) ⑤

Branch