

# SUPER MARKET SALES ANALYSIS VISUALIZATION

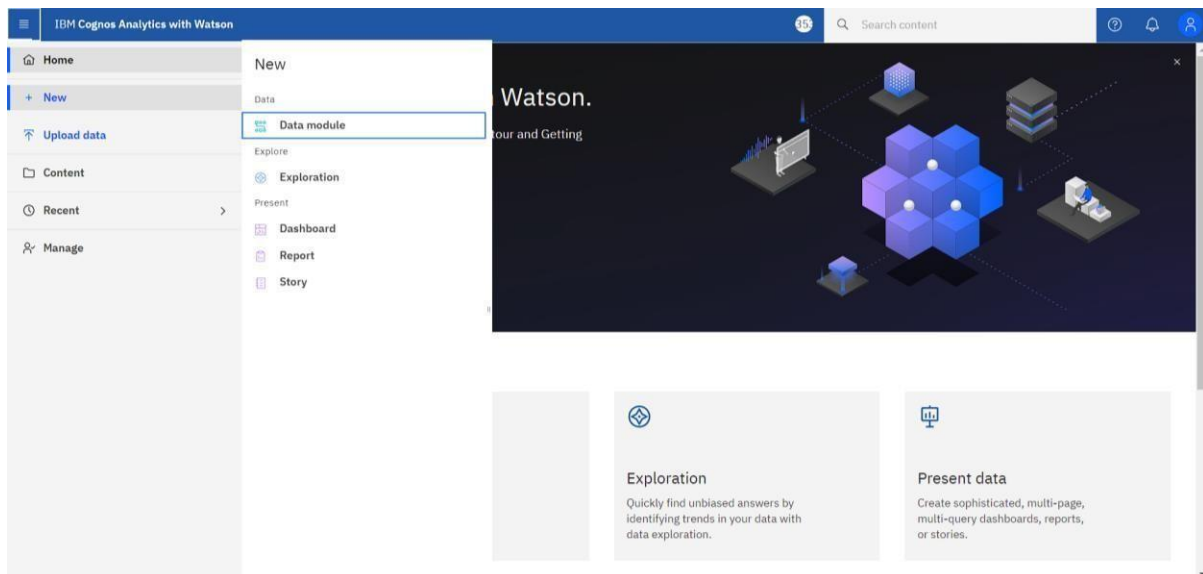
NAME:KISHORE M

## TASK 1: Upload the dataset, delete unnecessary column and create data module.

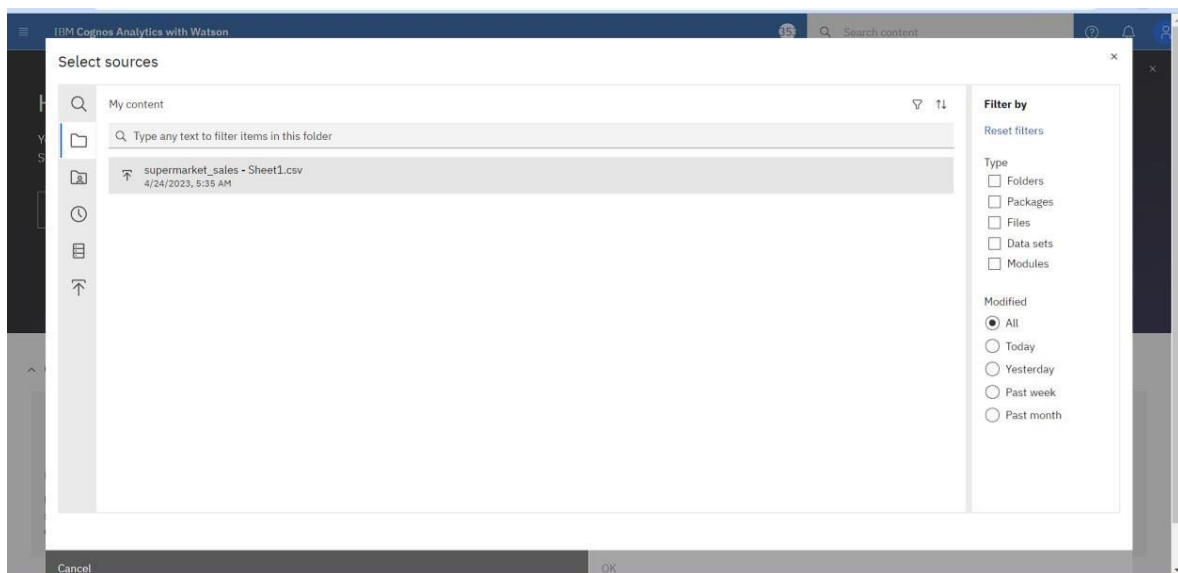
**Step 1 :** Upload the data(CSV file) in the Cognos .

The screenshot displays the IBM Cognos Analytics web application interface. At the top, a dark blue banner welcomes users with the text "Hello. Welcome to Cognos Analytics with Watson." and provides links to "Watch video" and "Take a product tour". Below this, the "Quick launch" section offers four main actions: "Upload data" (for uploading spreadsheets, CSV files, etc.), "Prepare data" (for cleaning and connecting data), "Exploration" (for finding trends), and "Present data" (for creating dashboards and reports). The interface also features a "What's New" section with a "Dismiss" button and a "More Info" link. A prominent "Get quick answers with the Assistant" section encourages users to ask questions to uncover insights. At the bottom, an "Introduction to Cognos Analytics" section provides a brief overview and includes buttons for "Get started", "Watch videos", and "Product tour". The browser's address bar shows the URL "us3.ca.analytics.ibm.com/bi/?perspective=home", and the Windows taskbar at the bottom indicates the system time as 09:53 on 03-10-2023.

## Step 2 : Create Data Module.

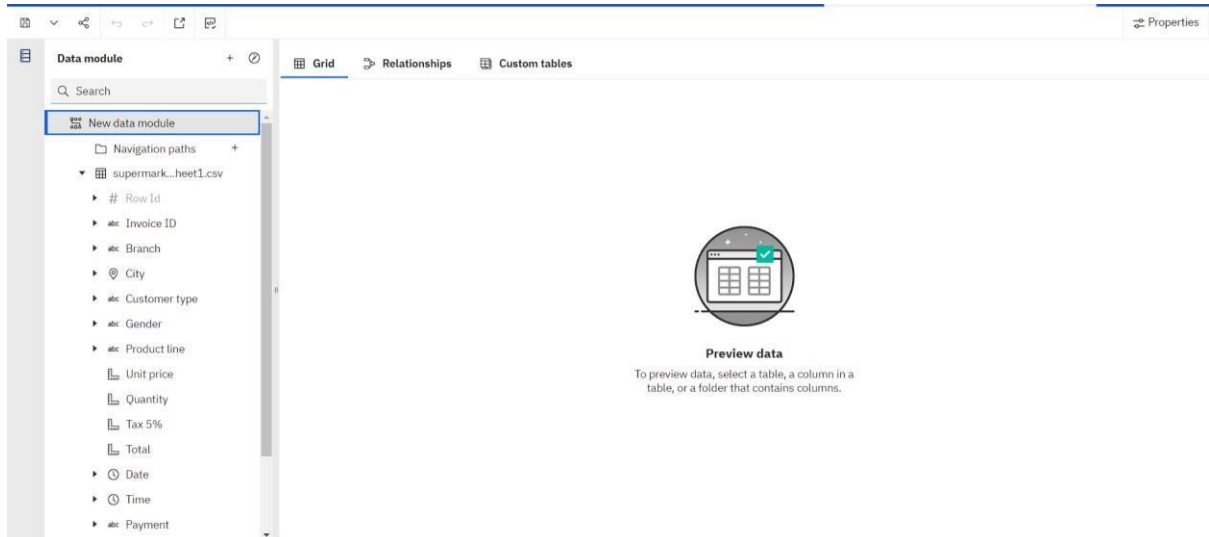


## Step 3 : Select the source CSV file.



**Step 4 :** After uploading, grid displays the table value of the CSV file.

In that we able to delete or remove the unnecessary values.



What's New: To read about what's new in Modeling, click More Info. Dismiss More Info

**Data module** + ?

Search

New data module

Navigation paths

supermarket\_data1.csv

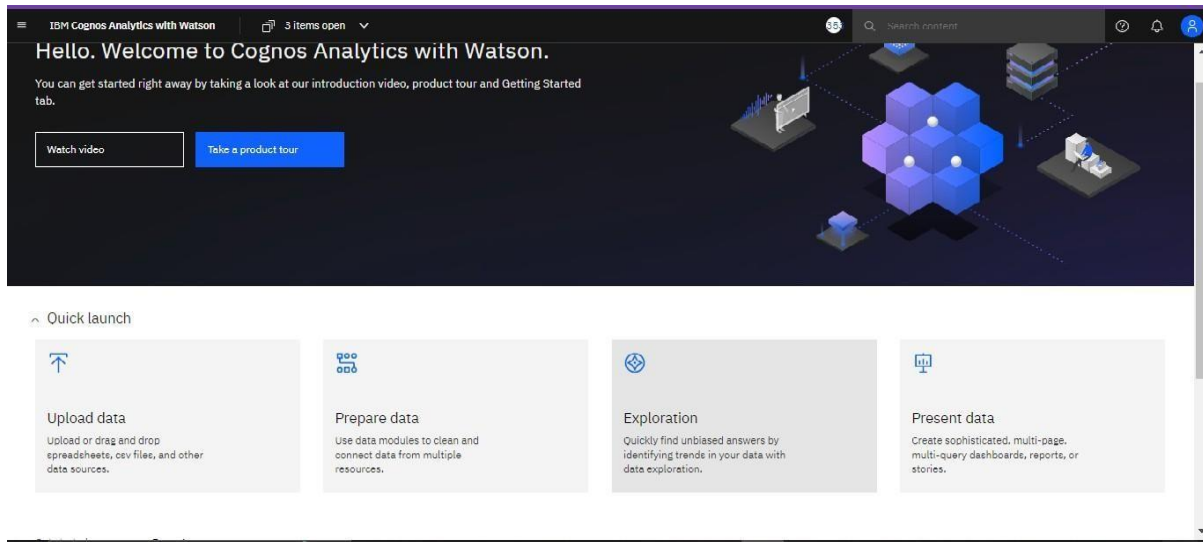
- Row Id
- Invoice ID
- Branch
- City
- Customer type
- Gender
- Product line
- Unit price
- Quantity
- Tax 5%
- Total
- Date
- Time
- Payment

**Grid** **Relationships** **Custom tables**

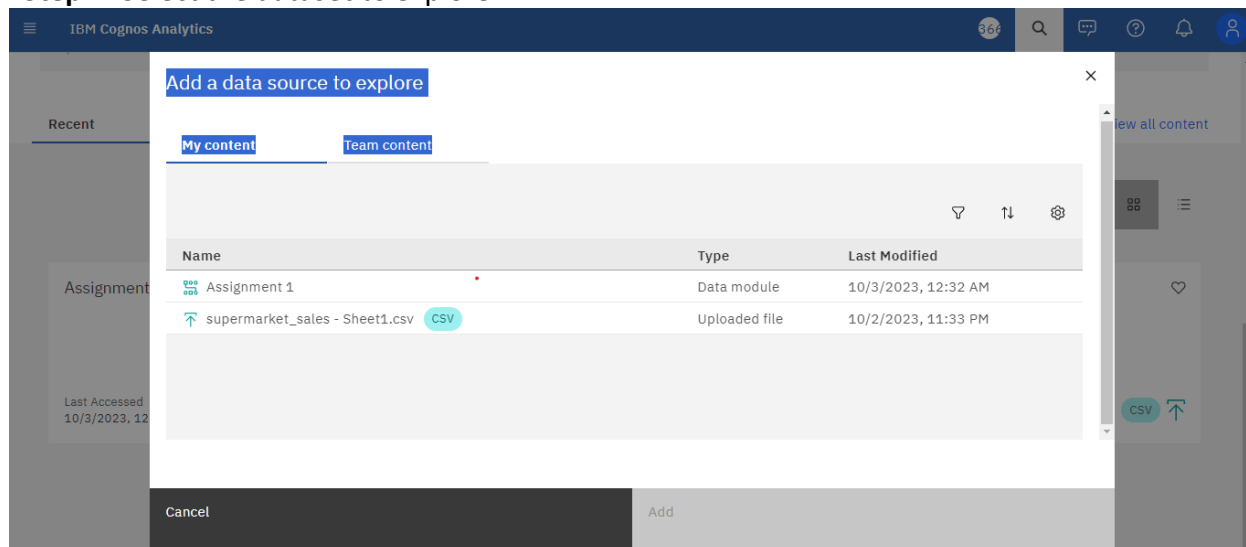
Row Id	Invoice ID	Branch	City	Customer type	Gender	Product line
1	750-67-8428	A	Yangon	Member	Female	Health and beauty
2	226-31-3081	C	Naypyitaw	Normal	Female	Electronic accessories
3	631-41-3108	A	Yangon	Normal	Male	Home and lifestyle
4	123-19-1176	A	Yangon	Member	Male	Health and beauty
5	373-73-7910	A	Yangon	Normal	Male	Sports and travel
6	699-14-3026	C	Naypyitaw	Normal	Male	Electronic accessories
7	355-53-5943	A	Yangon	Member	Female	Electronic accessories
8	315-22-5665	C	Naypyitaw	Normal	Female	Home and lifestyle
9	665-32-9167	A	Yangon	Member	Female	Health and beauty
10	692-92-5582	B	Mandalay	Member	Female	Food and beverages
11	351-62-0822	B	Mandalay	Member	Female	Fashion accessories
12	529-56-3974	B	Mandalay	Member	Male	Electronic accessories

## TASK 2: Explore the dataset.

### Step 1: Select the Exploration.



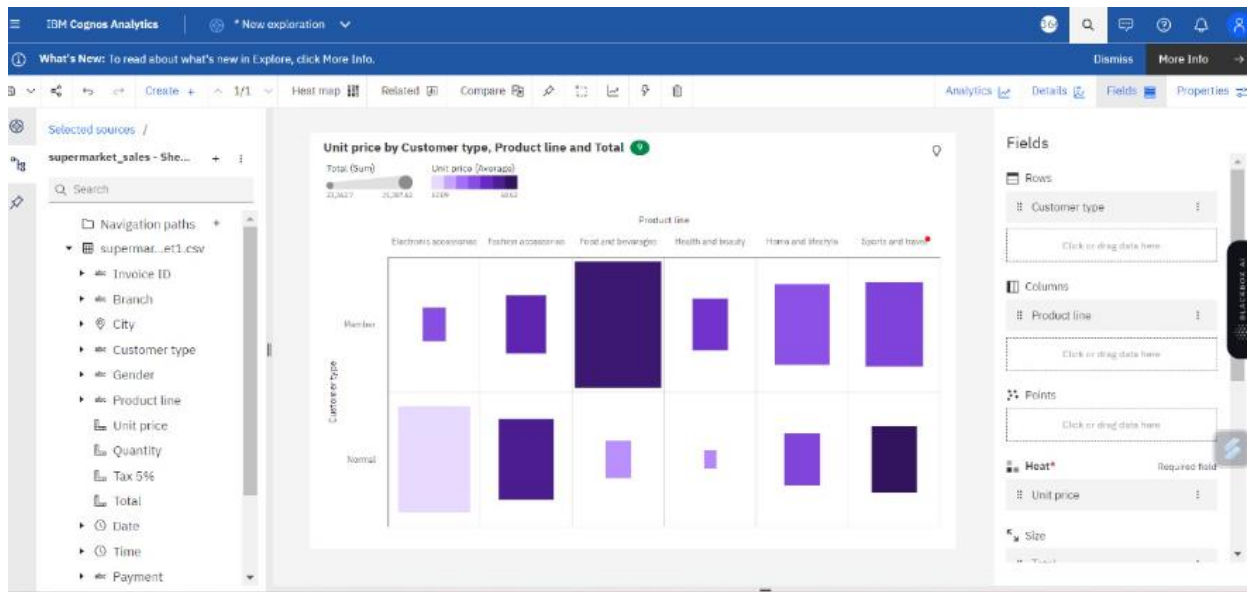
### Step 2: Select the dataset to explore.



### Step 3: Explore the dataset.

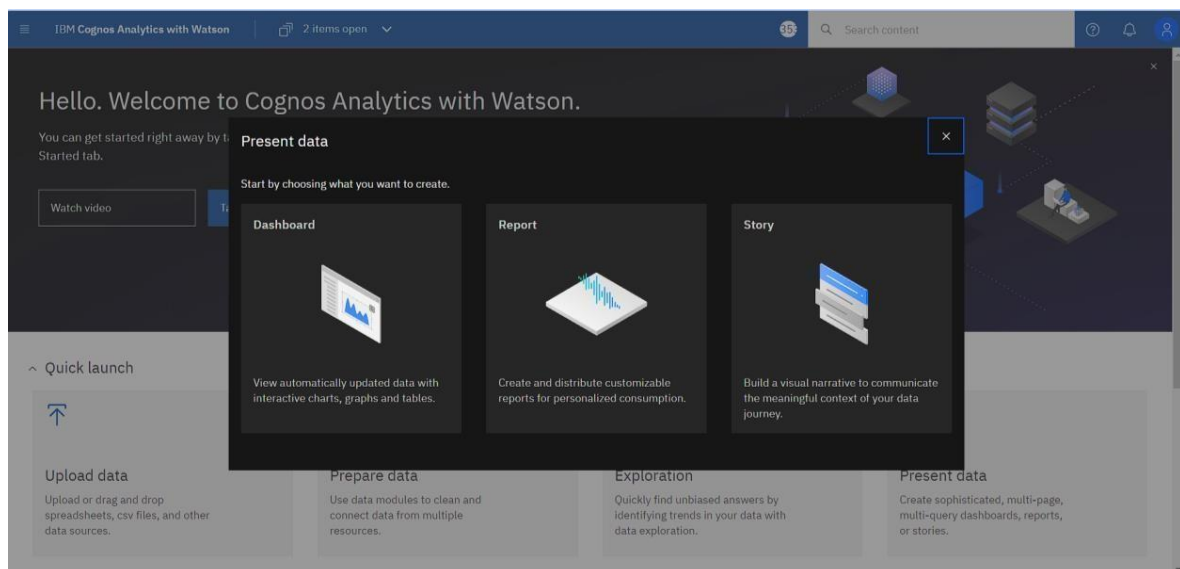
The screenshot shows the IBM Cognos Analytics interface. The top navigation bar includes the logo, 'IBM Cognos Analytics with Watson', a 'New exploration' dropdown, a search bar, and user icons. On the left, a 'Cards' sidebar shows a 'Data relationships' card with a network diagram. The main area is titled 'Select a starting point' with a 'Skip' button. Below the title, it says 'Every exploration includes a data relationships card.' and 'Start with any column. You can always change it later.' A search bar contains the text 'Enter data column. Not sure? Try Total, cogs'. Below this, a row of buttons offers suggestions: 'Total', 'cogs', 'gross income', 'Tax 5%', 'Quantity', 'Rating', 'Unit price', and 'gross margin percentage'.

The screenshot shows the 'Explore data relationships' screen in IBM Cognos Analytics. The left sidebar remains the same. The main area is titled 'Explore data relationships' with a 'Supermarket' context and a 'Reset to original' button. A search bar contains 'Total'. Below, a network diagram shows 'Total' as a central node connected to 'Quantity', 'Tax 5%', 'gross income', 'Unit price', and 'cogs'. A tooltip over the 'Total' node reads 'Total - cogs Strength: 100%'. At the bottom, a 'Relationship diagram' slider is set to 100%. On the right, a 'Select a visualization' panel shows 'Total' with a value of '323K' and a chart titled 'Total and Unit price by Date'.

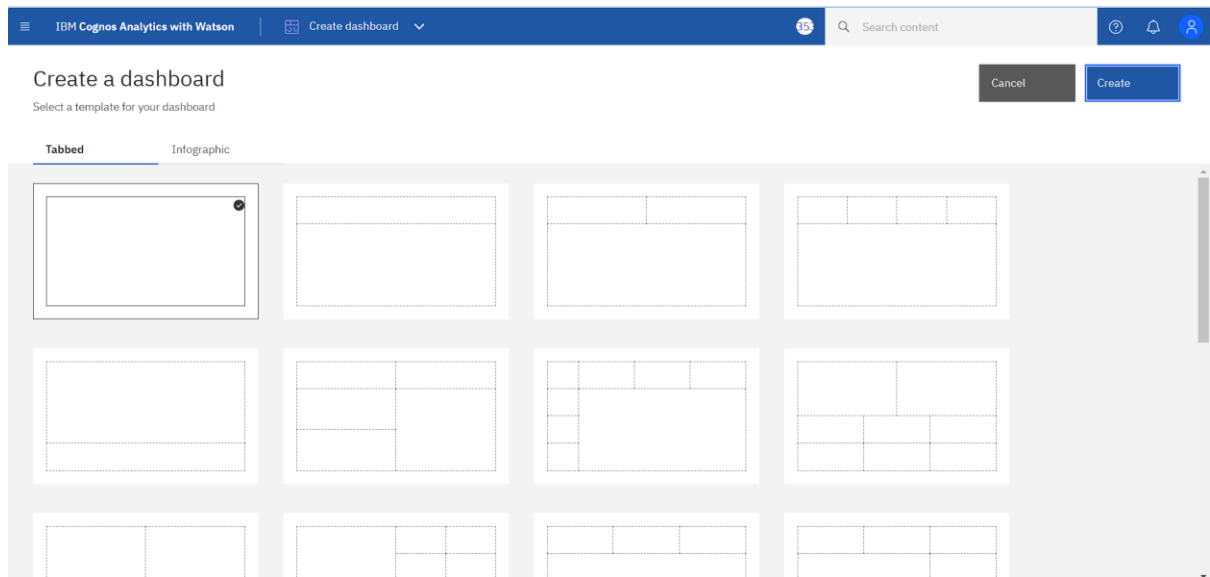


## TASK 3: Visualize the Data Set.

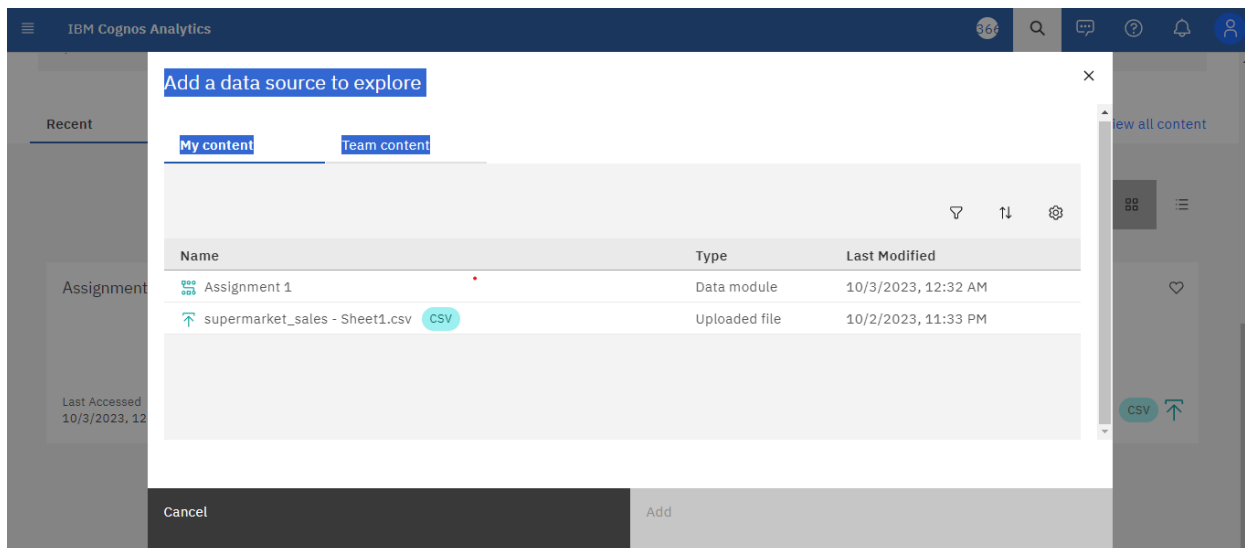
### Step 1: Create the Dash Board.



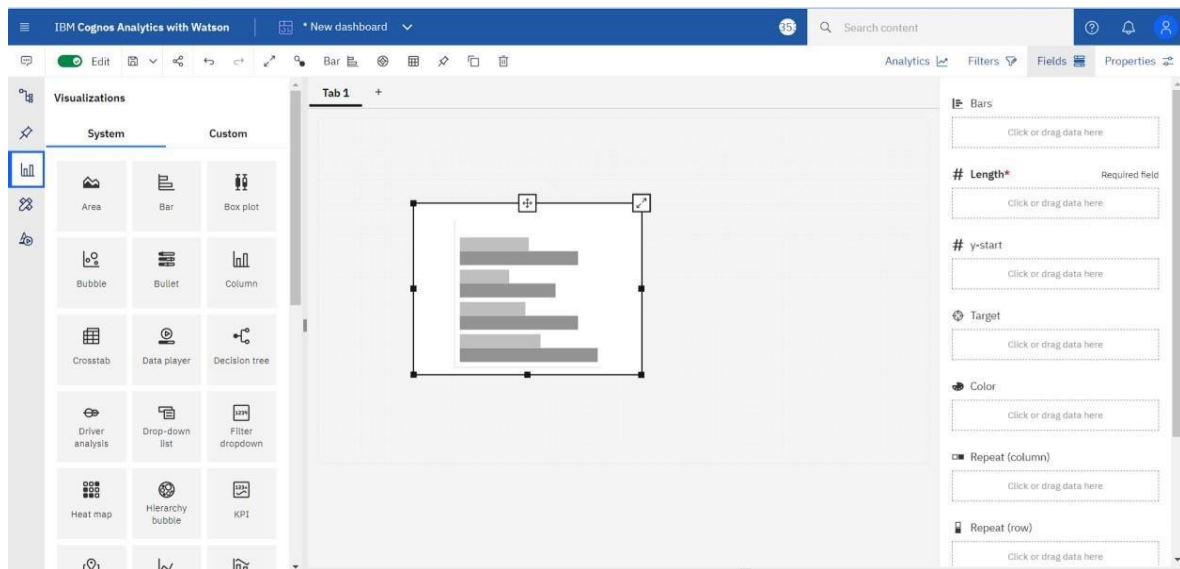
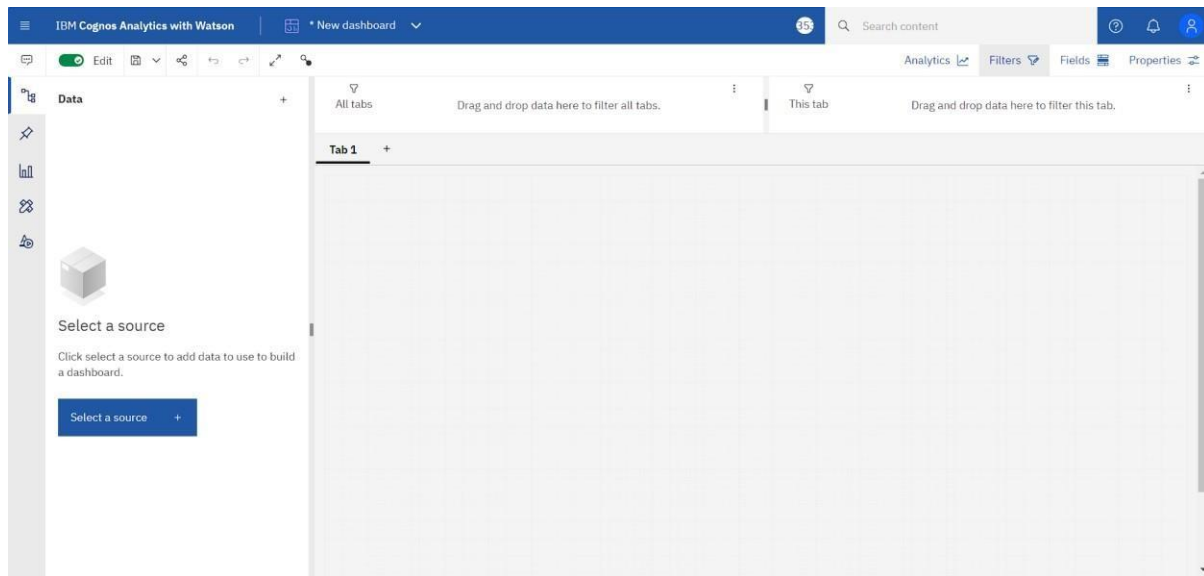
## Step 2: Create Template for the Dash Board.



## Step 3: Select Source file.



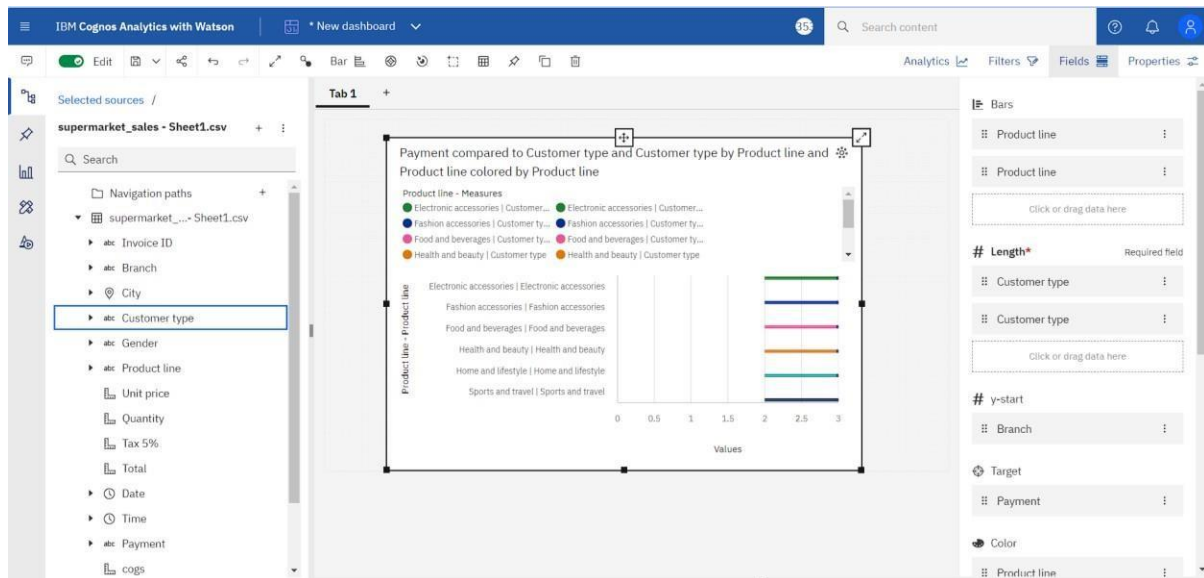
#### Step 4: Select Visualization Type.





## Step 5: Create Visualization Charts And Save it.

Present the Data Sets.



The screenshot shows the IBM Cognos Analytics 'Content' page. The header includes the IBM Cognos Analytics logo, a 'Content' dropdown, and a search bar. A banner at the top reads: 'Maintenance: Scheduled Secure Gateway maintenance on October 4th, 2023. Click More Info for details and to subscribe to future events'. Below the banner, the 'Content' section has tabs for 'My content', 'Team content', 'Samples', and 'Favorites'. A table lists the content items:

Name	Type	Last Modified
Assignment 1	Data module	10/3/2023, 12:32 AM
Assignment 1 supermarket	Dashboard	10/2/2023, 11:45 PM
supermarket	Exploration	10/3/2023, 12:34 AM
supermarket_sales - Sheet1.csv	Uploaded file	10/2/2023, 11:33 PM

## Some Data Visualizations Sets:

