

SUPER MARKET SALES ANALYSIS VISUALIZATION

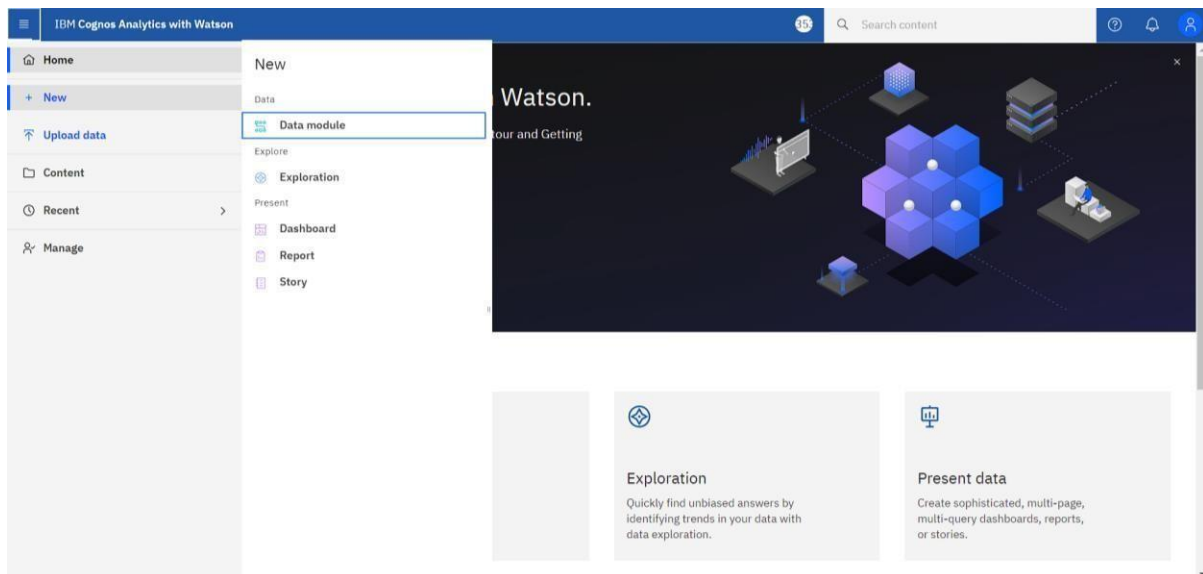
NAME:ARUNKUMAR V

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

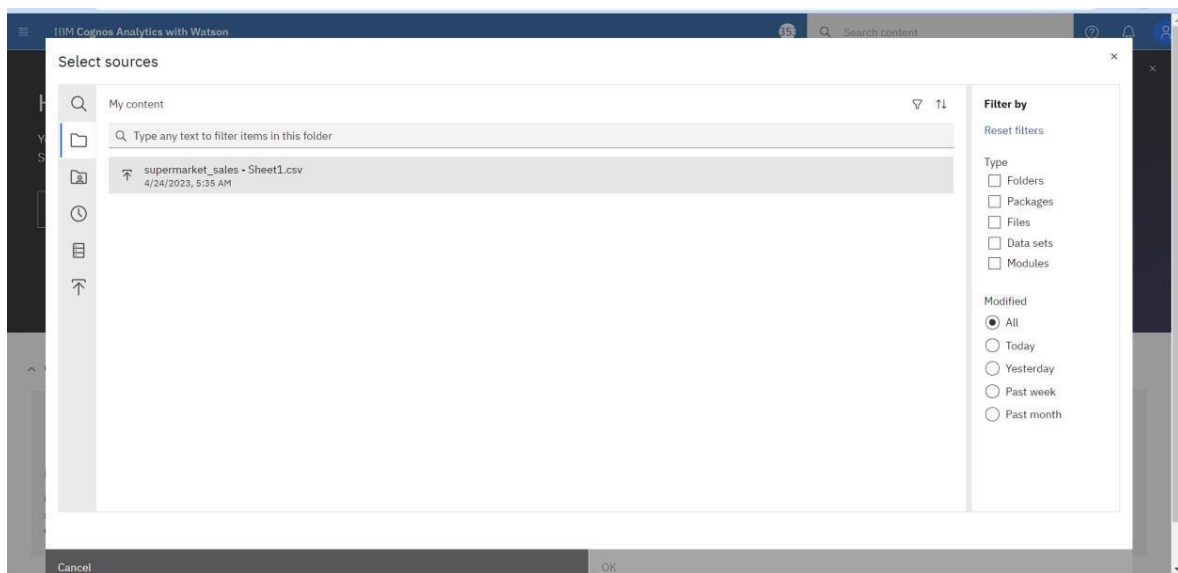
Step 1 : Upload the data(CSV file) in the Cognos .

The screenshot displays the IBM Cognos Analytics web application interface. At the top, a welcome banner reads "Hello. Welcome to Cognos Analytics with Watson." and offers links to "Watch video" and "Take a product tour". Below this, a "Quick launch" section provides four main workflow options: "Upload data" (described as uploading or dragging/dropping spreadsheets, CSV files, etc.), "Prepare data" (for cleaning and connecting data from multiple sources), "Exploration" (for finding unbiased answers by identifying trends), and "Present data" (for creating sophisticated dashboards and reports). The main content area features a "Get quick answers with the Assistant" section, encouraging users to ask questions to uncover insights. At the bottom, an "Introduction to Cognos Analytics" banner 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 time as 09:53 on 03-10-2023.

Step 2 : Create Data Module.

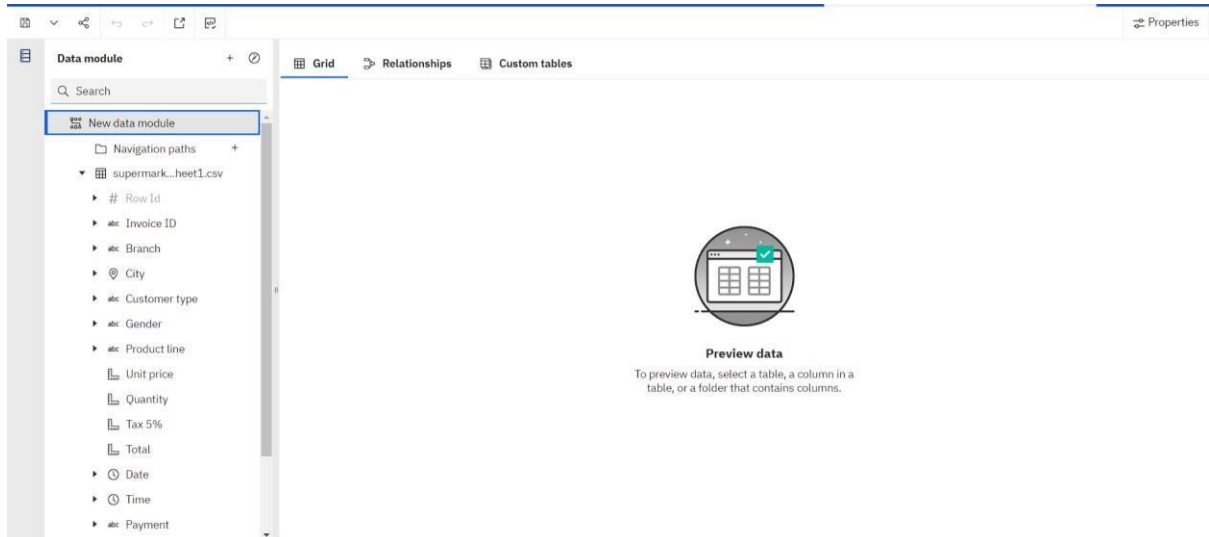


Step 3 : Select the source CSV file.



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

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

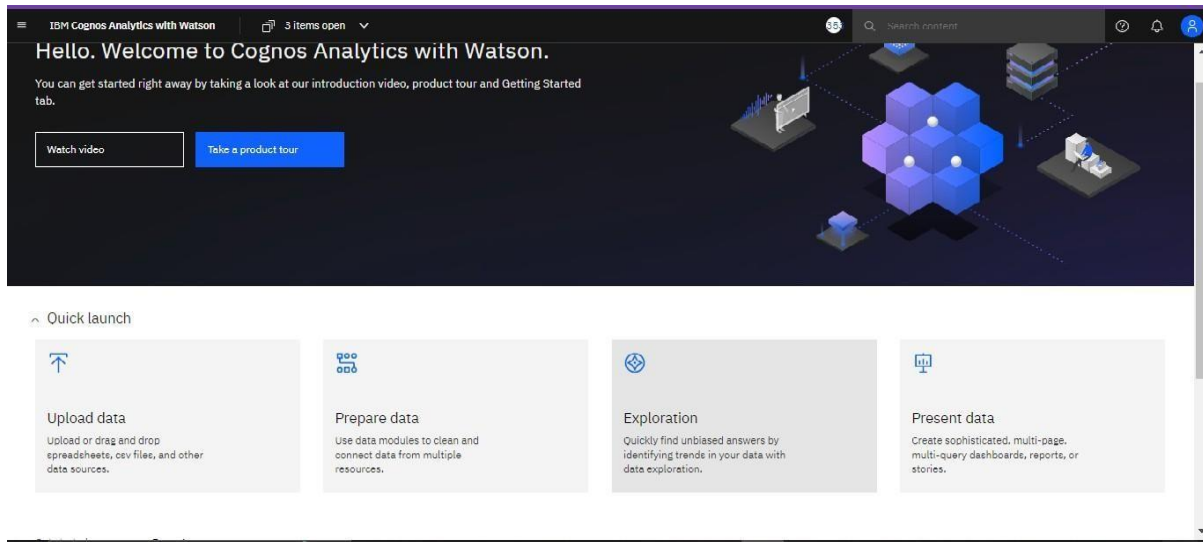


The screenshot shows the Power BI Desktop interface with the 'Grid' view selected. The 'Data module' pane on the left lists the columns from the CSV file. The 'Grid' view displays a table with 12 rows of data. The columns are: Row Id, Invoice ID, Branch, City, Customer type, Gender, and Product line.

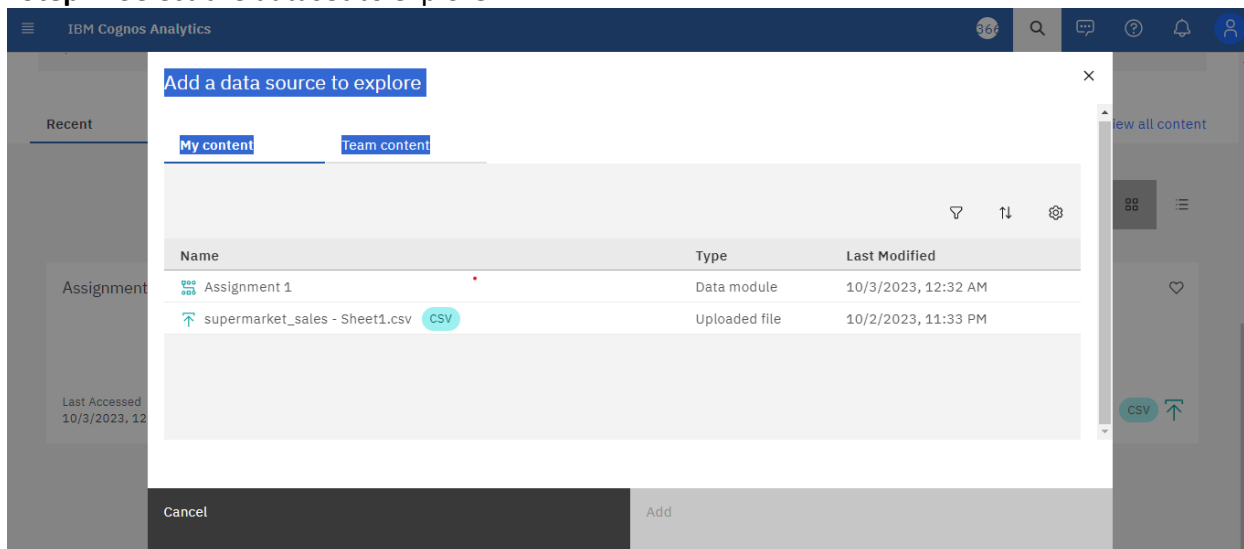
Row Id	Invoice ID	Branch	City	Customer type	Gender	Product line
1	750-67-8428	A	Yangon	Member	Female	Health and beauty
2	226-31-3081	C	Naypyitaw	Normal	Female	Electronic accessories
3	631-41-3108	A	Yangon	Normal	Male	Home and lifestyle
4	123-19-1176	A	Yangon	Member	Male	Health and beauty
5	373-73-7910	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.



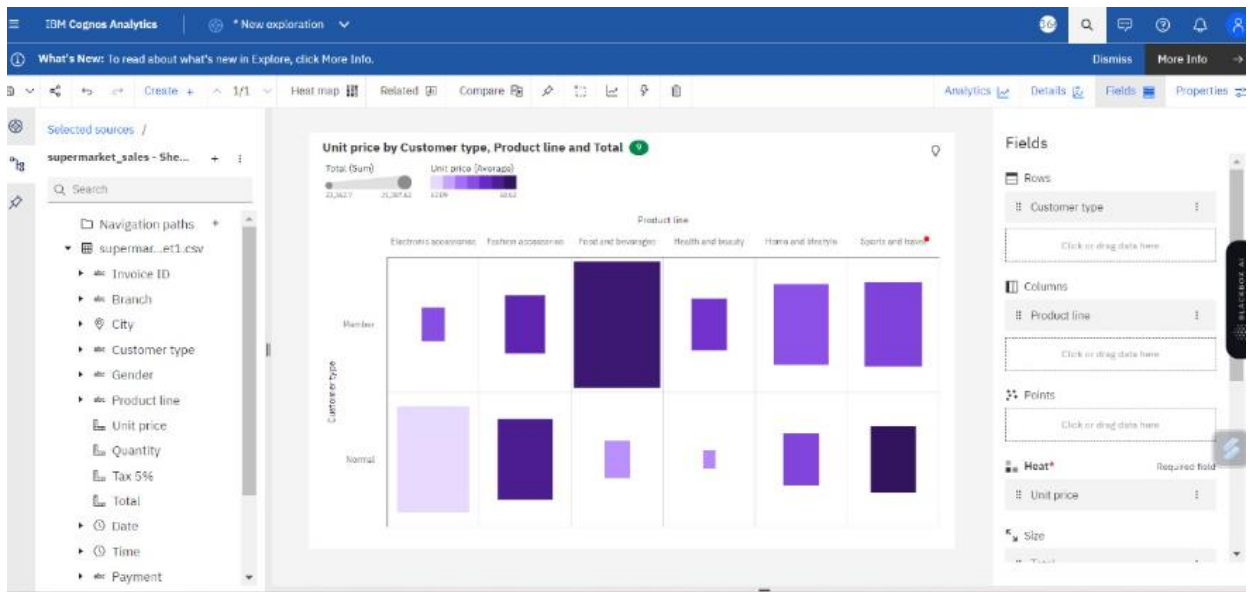
Step 2: Select the dataset to explore.



Step 3: Explore the dataset.

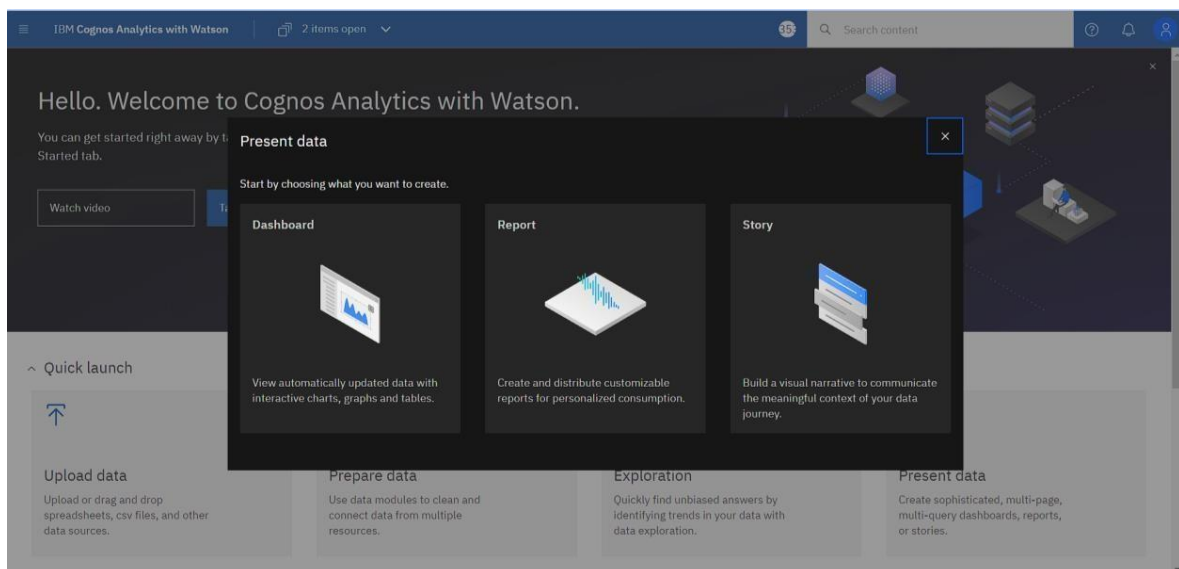
The screenshot shows the IBM Cognos Analytics with Watson interface. The top navigation bar includes the logo, a search bar, and user profile icons. The left sidebar contains a 'Cards' section with a 'Data relationships' card. The main content area is titled 'Select a starting point' and includes a 'Skip' button. Below the title, there is a search bar with the placeholder text 'Enter data column. Not sure? Try Total, cogs'. A section titled 'Try starting with one of these...' lists several data columns: Total, cogs, gross income, Tax 5%, Quantity, Rating, Unit price, and gross margin percentage.

The screenshot shows the IBM Cognos Analytics with Watson interface, specifically the 'Explore data relationships' screen. The left sidebar contains a 'Cards' section with a 'Data relationships' card. The main content area is titled 'Explore data relationships' and includes a search bar with the text 'Total'. Below the search bar, there is a relationship diagram showing connections between data columns: Tax 5%, gross income, Total, Quantity, Unit price, and cogs. A tooltip over the 'Total' node indicates 'Total - cogs Strength: 100%'. The right sidebar contains a 'Select a visualization' section with a large number '323K' and a line chart titled 'Total and Unit price by Date'.

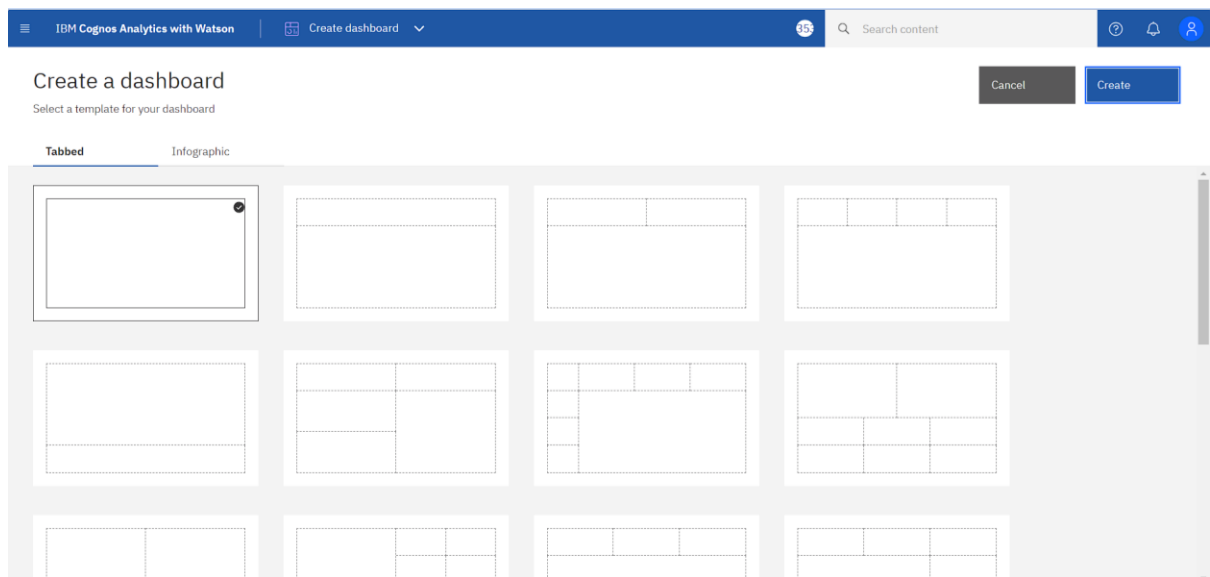


TASK 3: Visualize the Data Set.

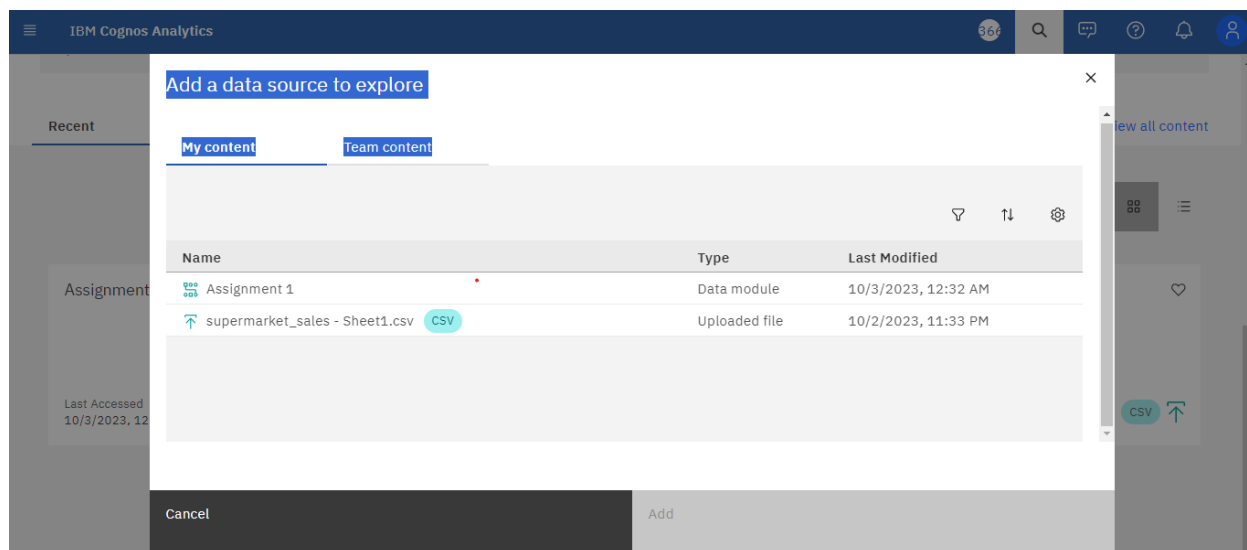
Step 1: Create the Dash Board.



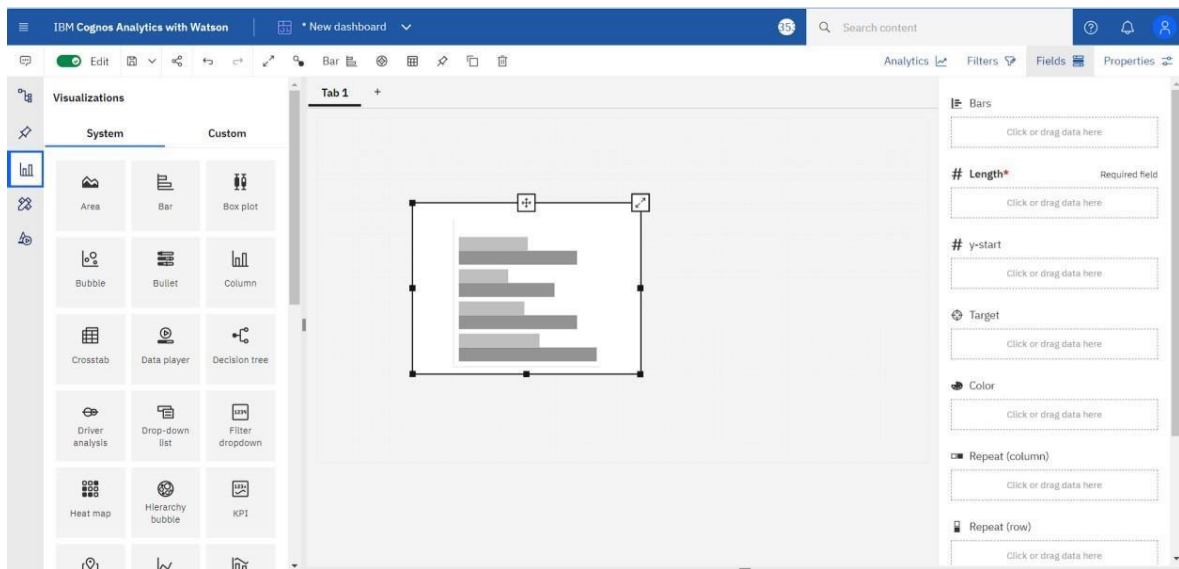
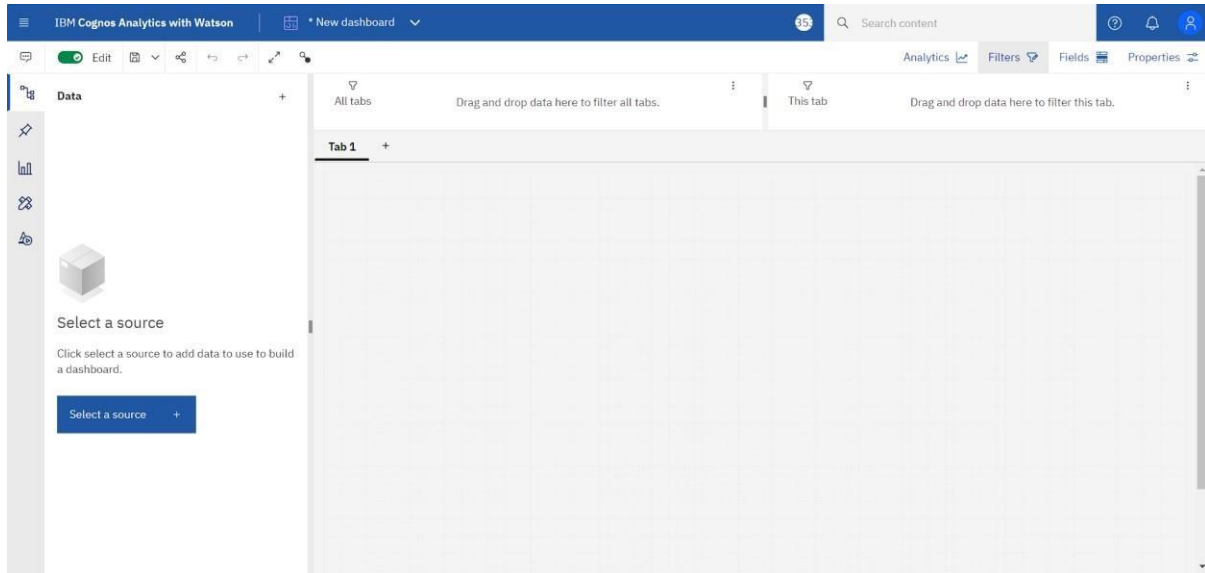
Step 2: Create Template for the Dash Board.



Step 3: Select Source file.

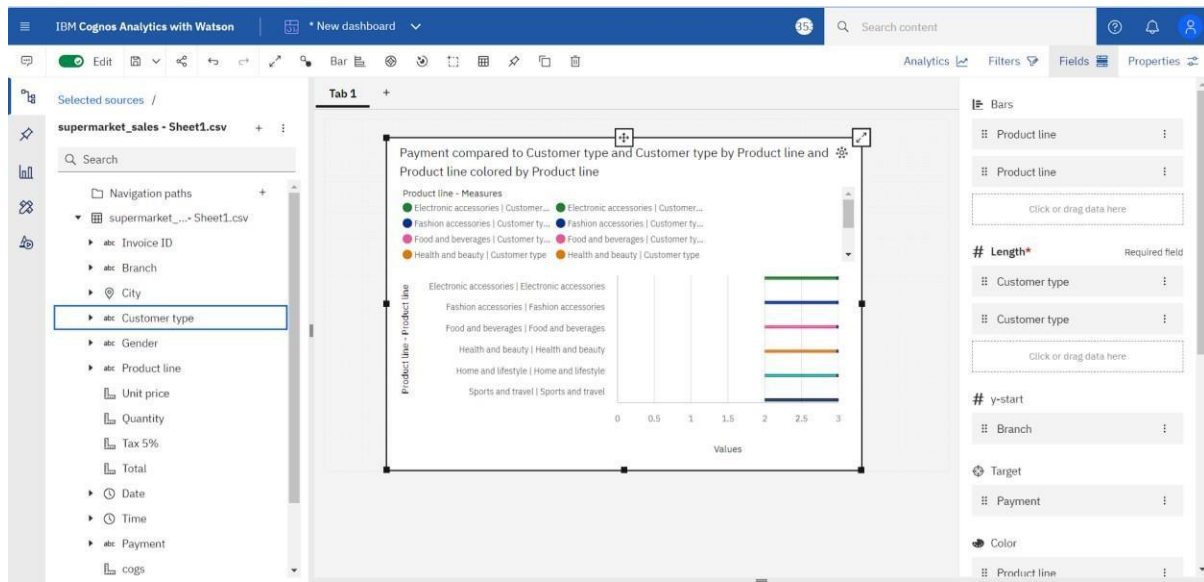


Step 4: Select Visualization Type.



Step 5: Create Visualization Charts And Save it.

Present the Data Sets.



The screenshot shows the IBM Cognos Analytics 'Content' page. At the top, there is a navigation bar with 'IBM Cognos Analytics', 'Content', and a search bar. Below the navigation bar, there is a banner for 'Maintenance: Scheduled Secure Gateway maintenance on October 4th, 2023. Click More Info for details and to subscribe to future events'. The main area is titled 'Content' and has a 'New' button. Below the title, there are tabs for 'My content', 'Team content', 'Samples', and 'Favorites'. The 'My content' tab is selected, showing a list of content items in a table.

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:

