

SUPER MARKET SALES ANALYSIS VISUALIZATION

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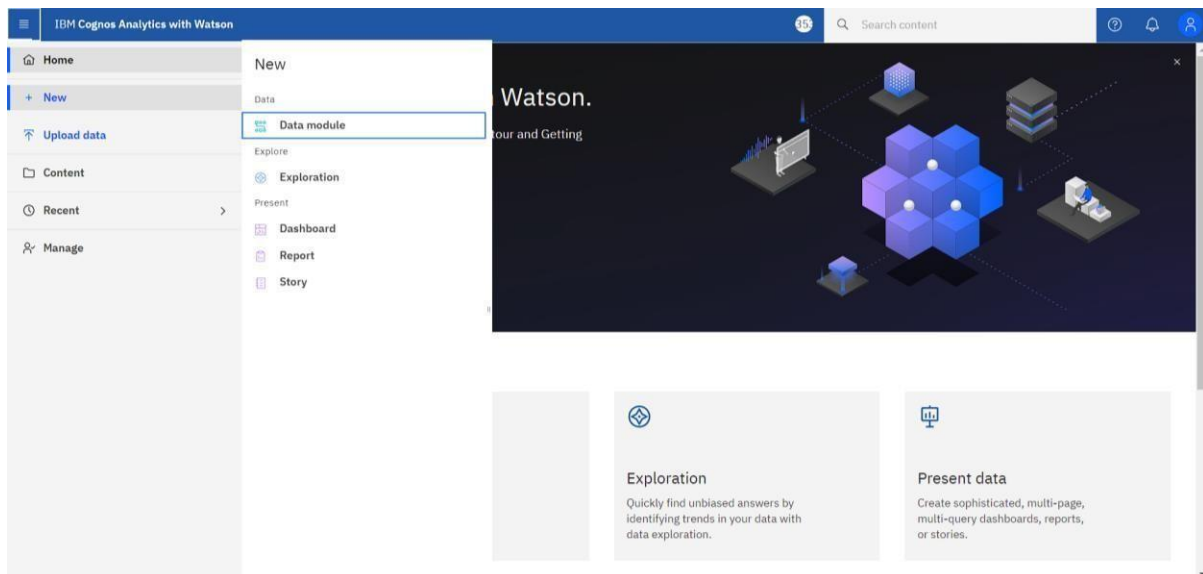
TASK 1: Upload the dataset, delete unnecessary column and create data module.

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

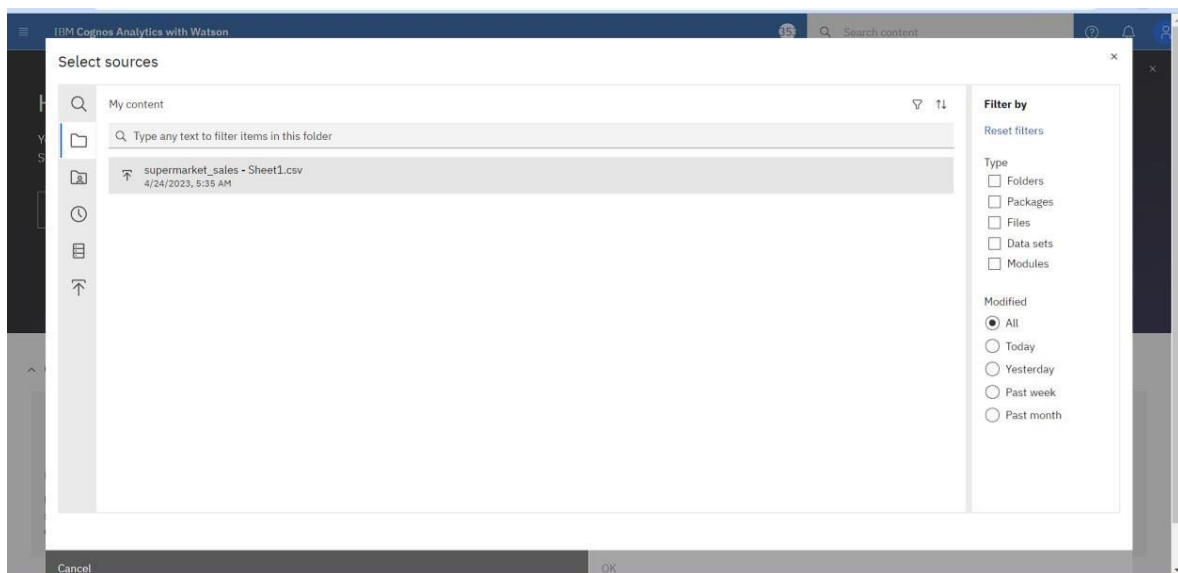
The screenshot displays the IBM Cognos Analytics web application interface. At the top, a dark banner welcomes users with the text "Hello. Welcome to Cognos Analytics with Watson." and provides links to "Watch video" and "Take a product tour". Below this, the "Quick launch" section offers four main actions: "Upload data" (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 data exploration), and "Present data" (create sophisticated, multi-page, multi-query dashboards, reports, or stories).

The interface also shows a browser window with multiple tabs, including "My IBM" and "IBM SkillsBuild Software Do". The URL bar indicates the user is on the IBM Cognos Analytics homepage. A "What's New" banner is visible, and a "Get quick answers with the Assistant" section is present, encouraging users to ask questions to uncover insights. At the bottom, there is an "Introduction to Cognos Analytics" section with buttons for "Get started", "Watch videos", and "Product tour".

Step 2 : Create Data Module.

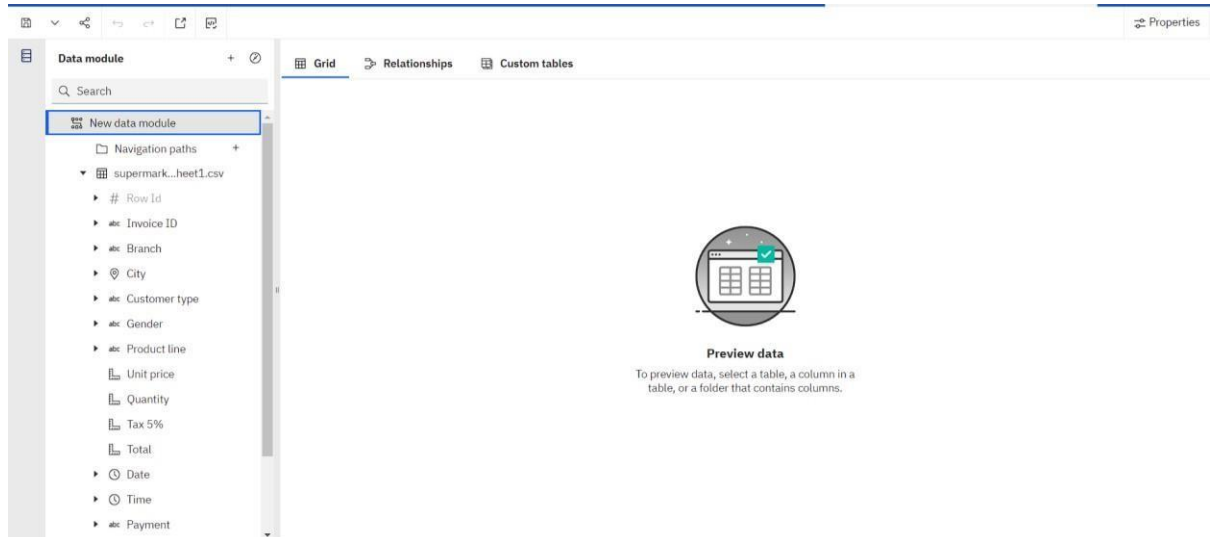


Step 3 : Select the source CSV file.



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

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

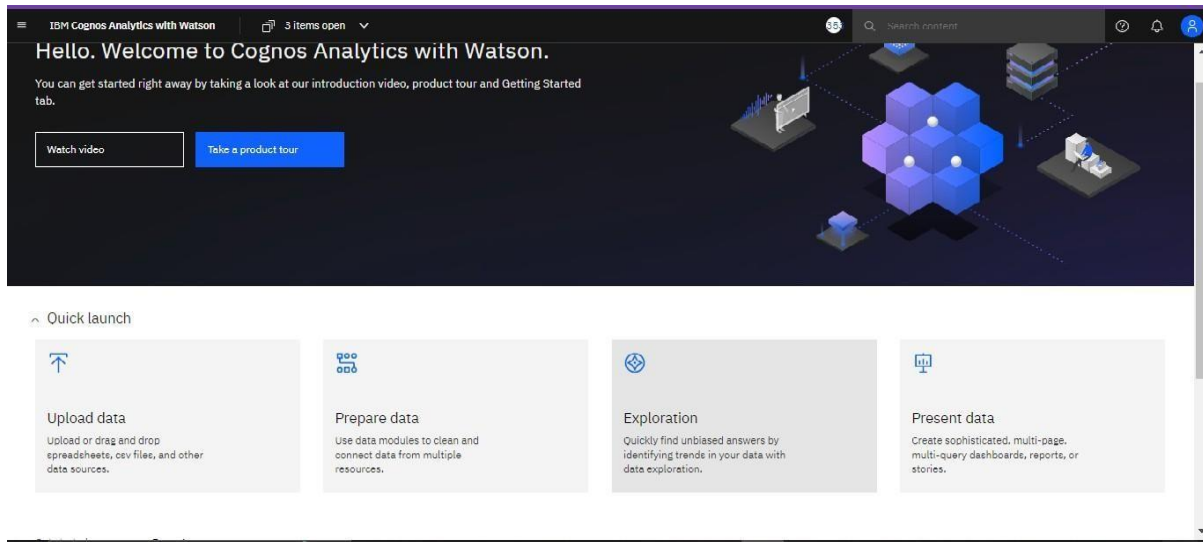


The screenshot shows the Power BI Desktop interface. On the left, the 'Data module' pane is open, displaying a list of columns from a CSV file named 'supermark...heet1.csv'. The columns include 'Row Id', 'Invoice ID', 'Branch', 'City', 'Customer type', 'Gender', 'Product line', 'Unit price', 'Quantity', 'Tax 5%', 'Total', 'Date', 'Time', and 'Payment'. On the right, the 'Grid' view is active, showing a table with 12 rows of data.

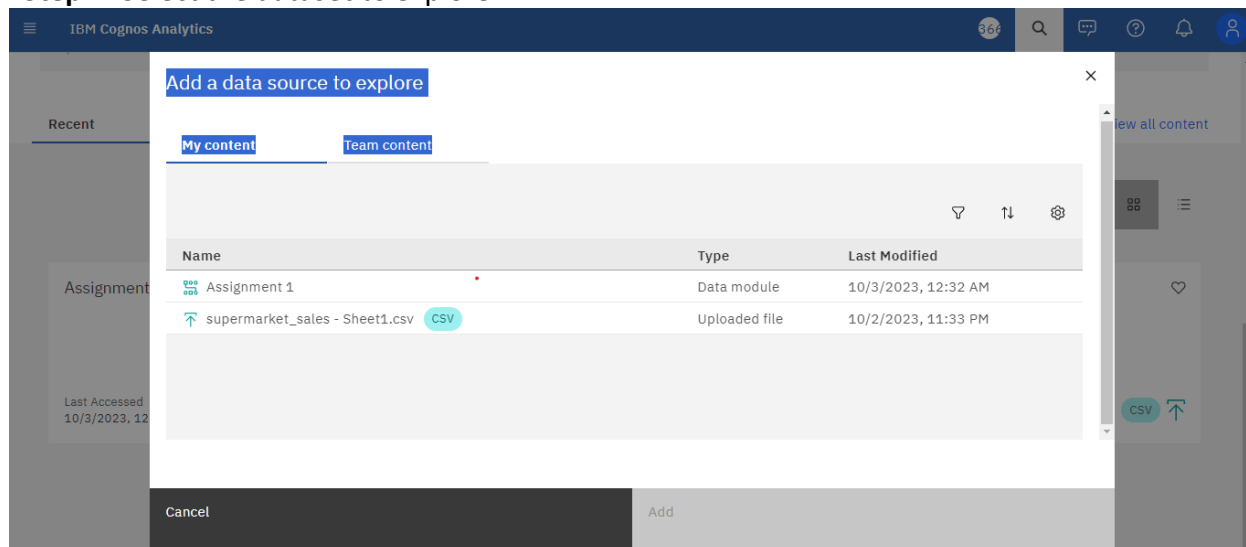
Row Id	Invoice ID	Branch	City	Customer type	Gender	Product line
1	750-67-8428	A	Yangon	Member	Female	Health and beauty
2	226-31-3081	C	Naypyitaw	Normal	Female	Electronic accessories
3	631-41-3108	A	Yangon	Normal	Male	Home and lifestyle
4	123-19-1176	A	Yangon	Member	Male	Health and beauty
5	373-73-7910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



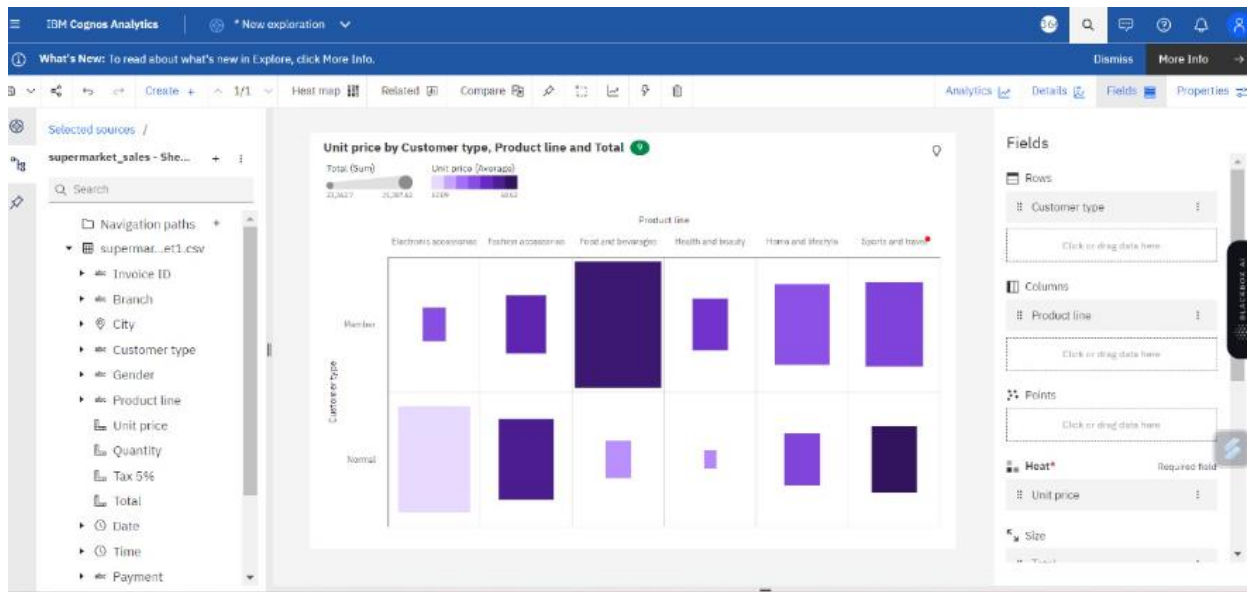
Step 2: Select the dataset to explore.



Step 3: Explore the dataset.

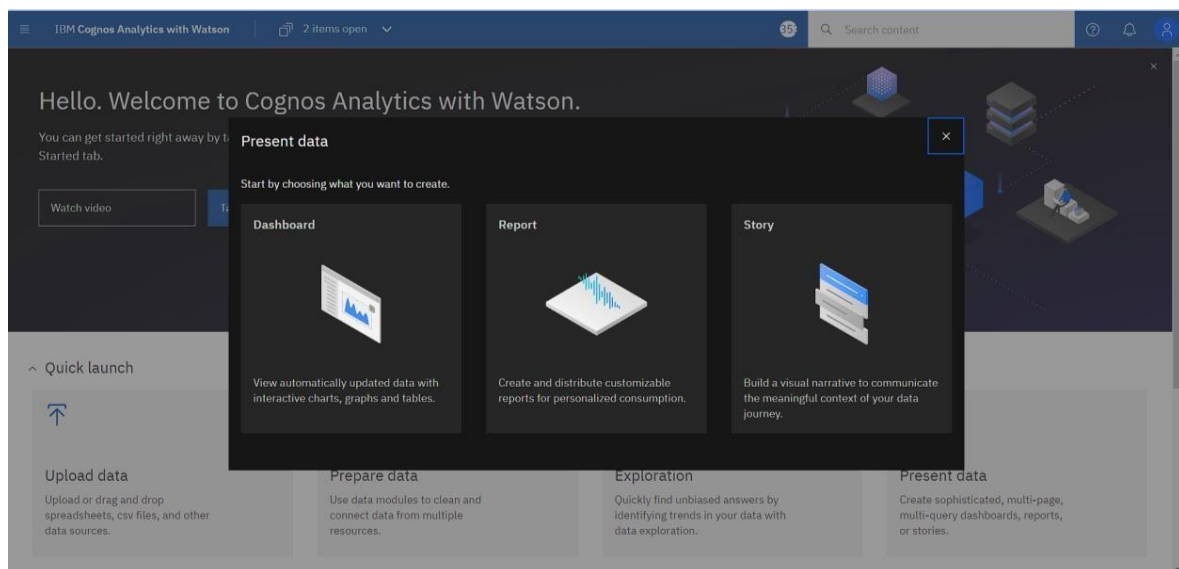
The screenshot shows the IBM Cognos Analytics with Watson interface. The top navigation bar includes the logo, a menu icon, a search bar, and user profile icons. The main content area is titled "Select a starting point" and includes a "Skip" button. Below the title, there is a text input field with the placeholder "Enter data column. Not sure? Try Total, cogs". A section titled "Try starting with one of these..." displays a row of buttons: "Total", "cogs", "gross income", "Tax 5%", "Quantity", "Rating", "Unit price", and "gross margin percentage". On the left sidebar, under the "Cards" section, there is a "Data relationships" card with a diagram icon and three empty input boxes.

The screenshot shows the IBM Cognos Analytics with Watson interface, specifically the "Explore data relationships" screen. The main content area displays a relationship diagram for the "Supermarket" dataset. The diagram shows a central node "Total" connected to several other nodes: "Quantity", "cogs", "Unit price", "gross income", and "Tax 5%". A tooltip over the "Total" node indicates "Total - cogs Strength: 100%". Below the diagram, there is a "Relationship diagram" section with a slider ranging from 10% to 100%. On the right sidebar, under the "Select a visualization" section, there is a list of visualizations related to "Total". The first visualization is a bar chart titled "Total" with a value of "323K". Below it, there is a line chart titled "Total and Unit price by Date".

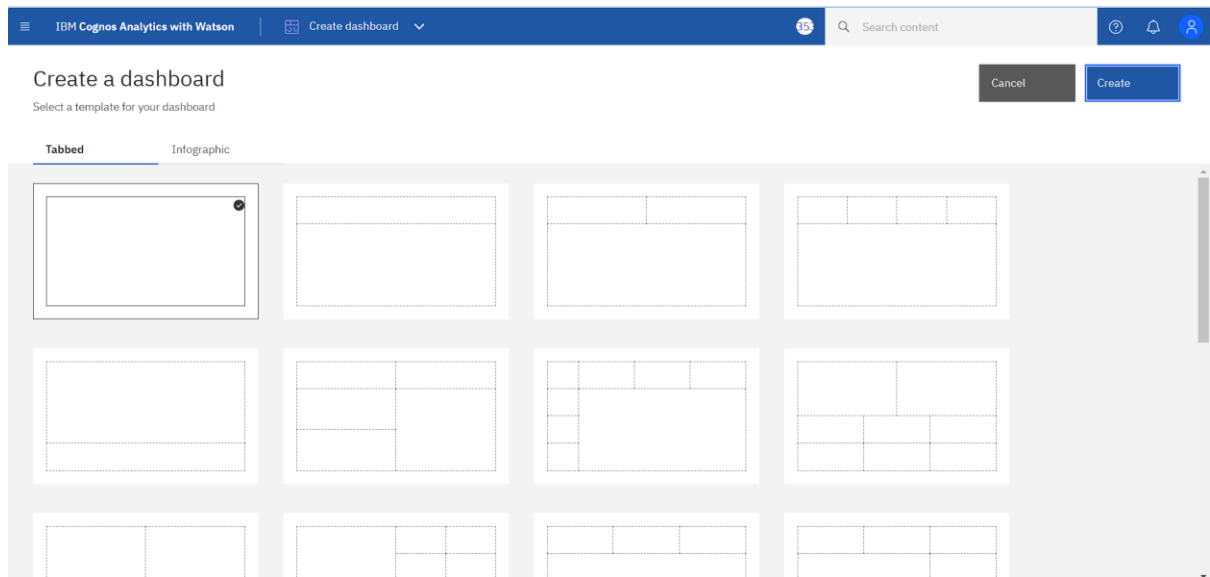


TASK 3: Visualize the Data Set.

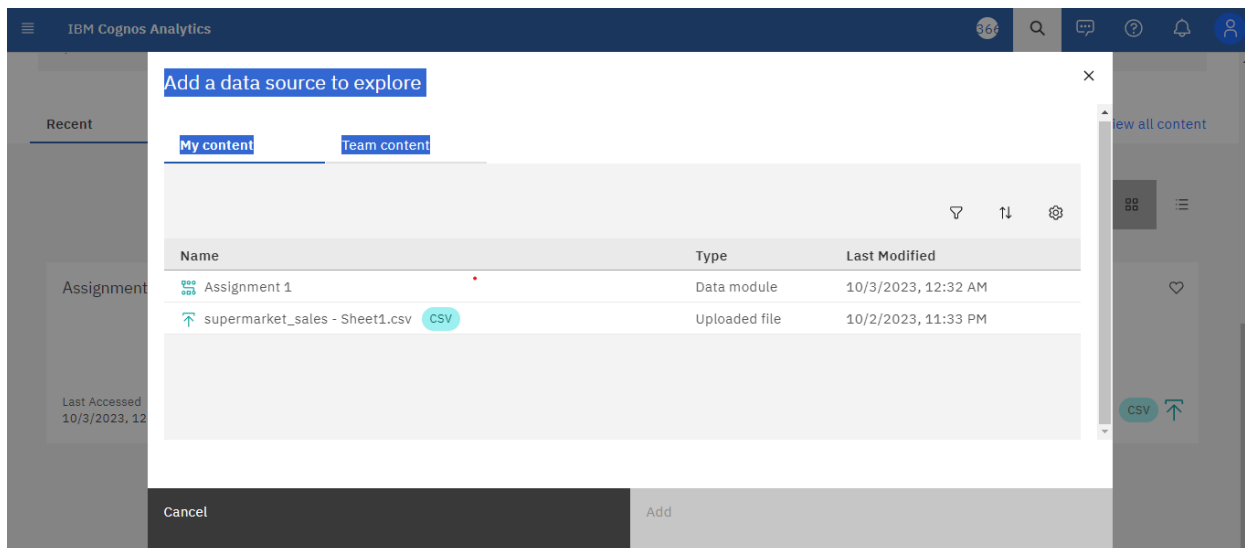
Step 1: Create the Dash Board.



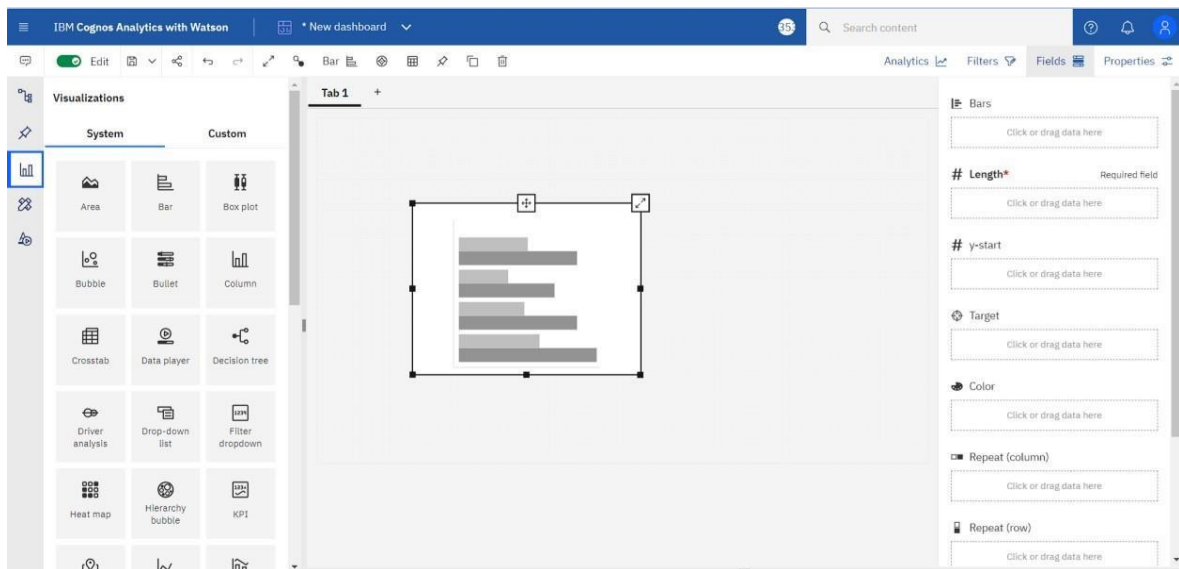
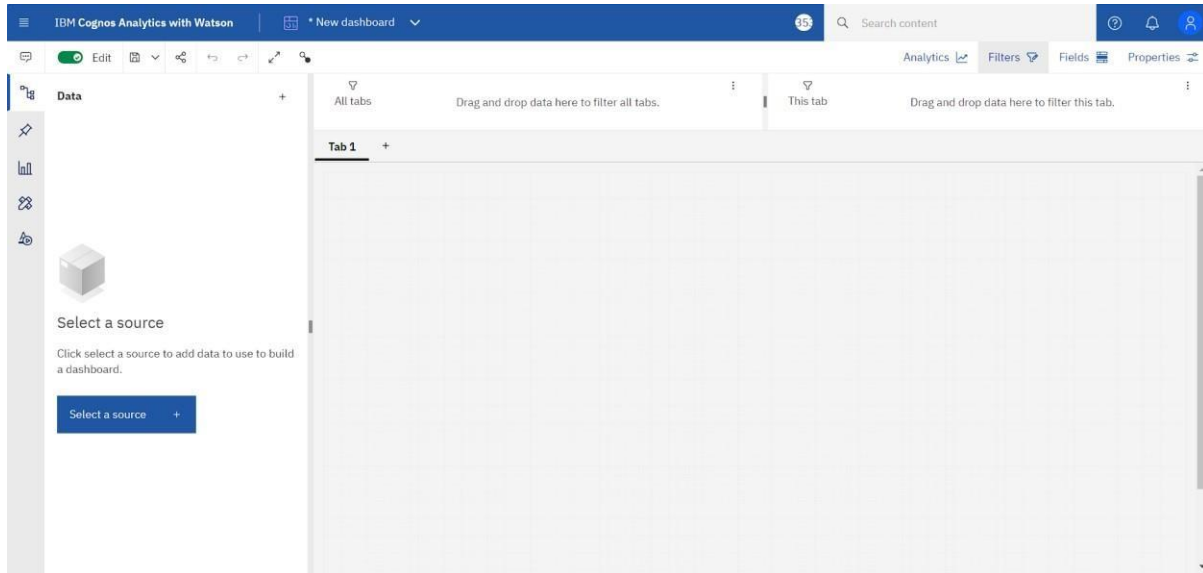
Step 2: Create Template for the Dash Board.



Step 3: Select Source file.

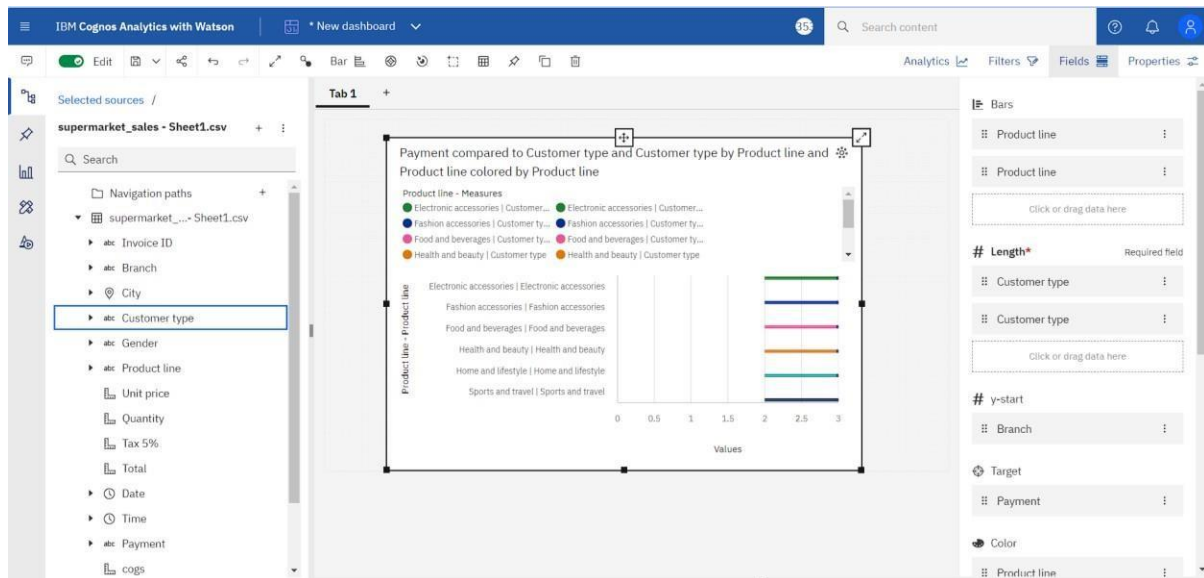


Step 4: Select Visualization Type.



Step 5: Create Visualization Charts And Save it.

Present the Data Sets.



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:

