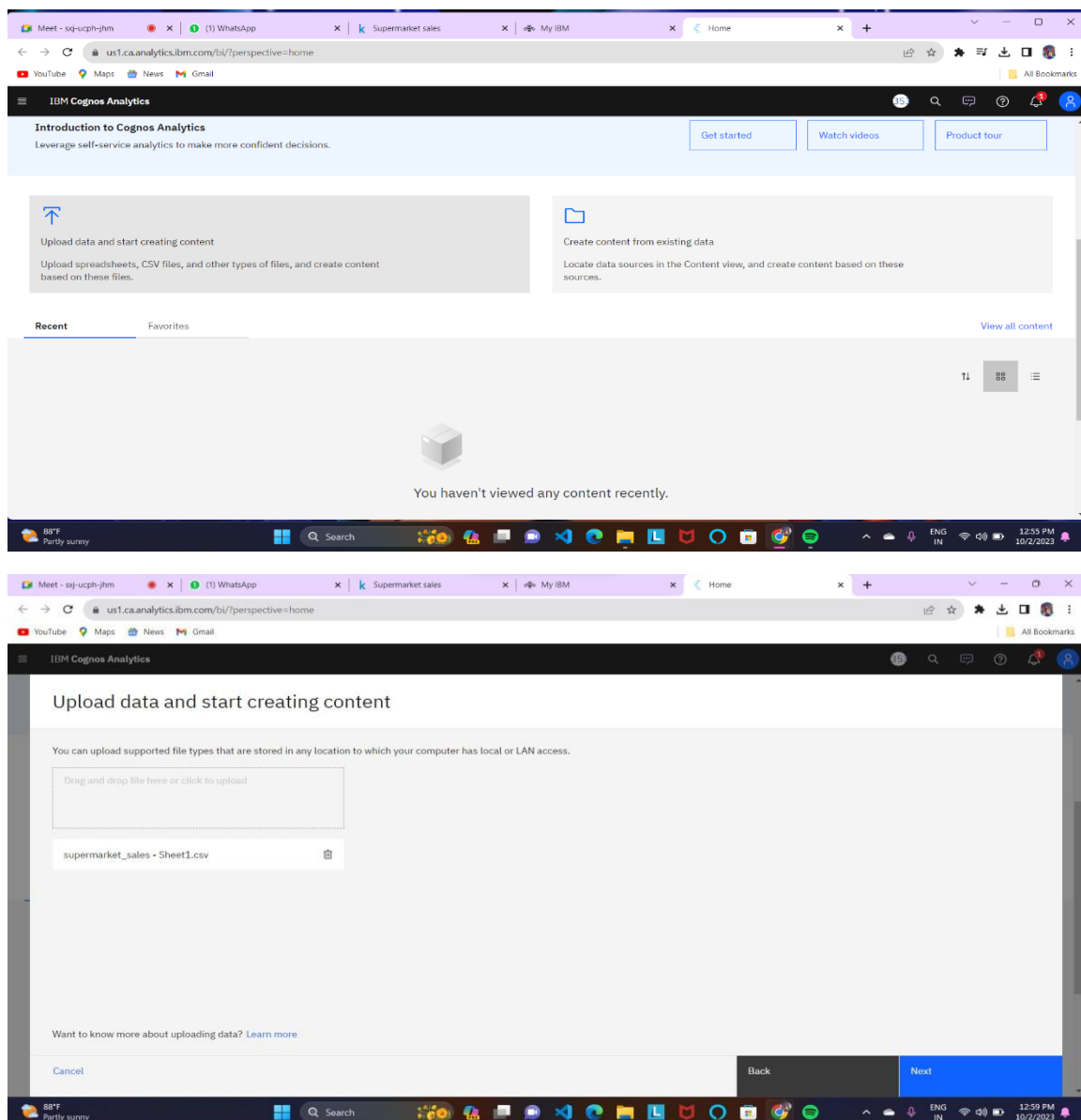


SUPER MARKET SALES ANALYSIS VISUALIZATION

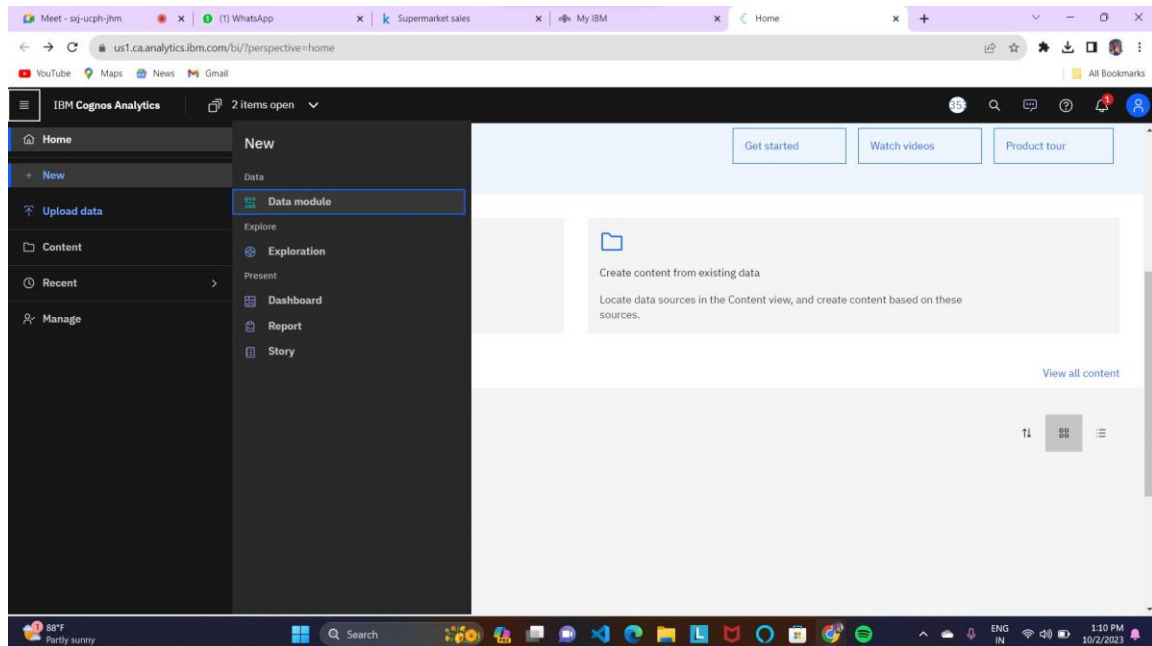
NAME: SHIVANI K

TASK 1: Upload the Dataset to Cognos, Delete Unnecessary Columns, Create a Data Module:

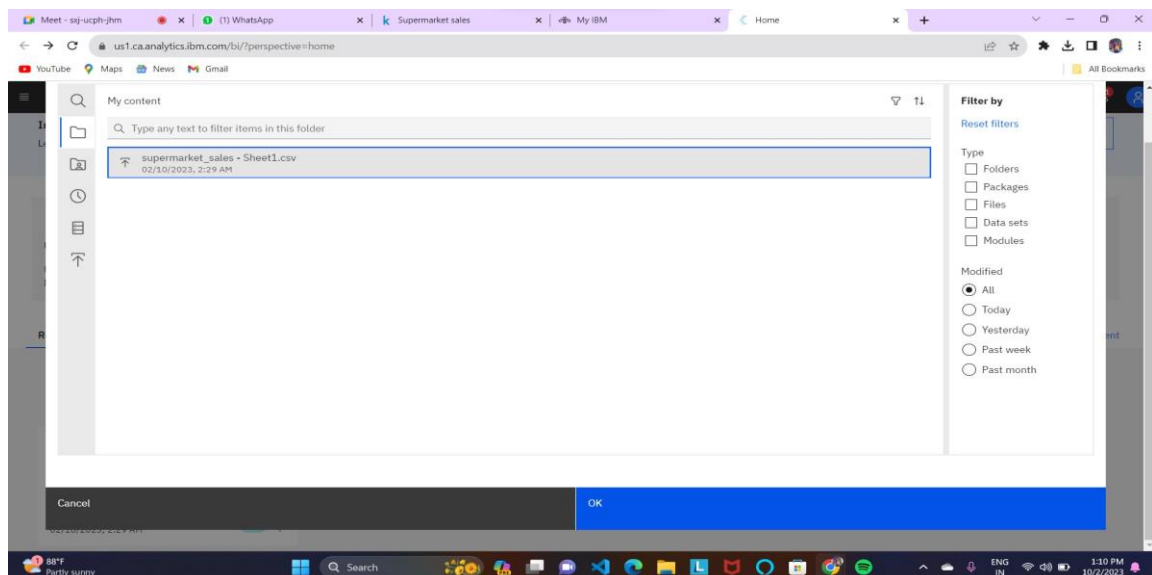
Step 1: Upload the CSV File:



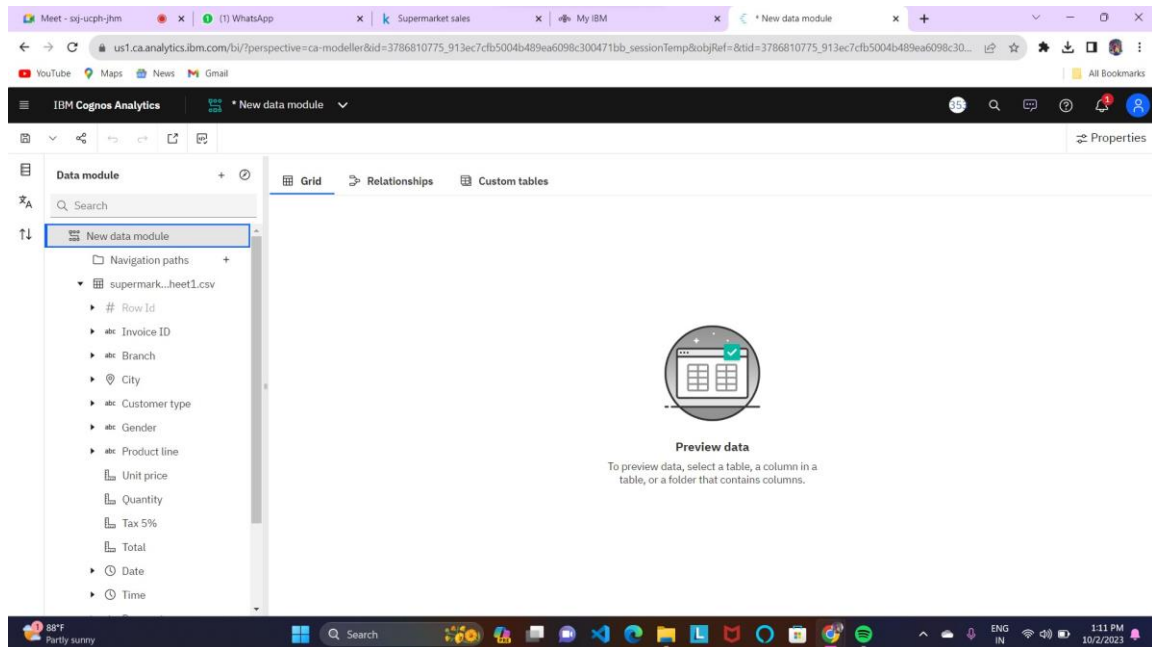
Step 2: Create Data Module.



Step 3: Select the CSV file.



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

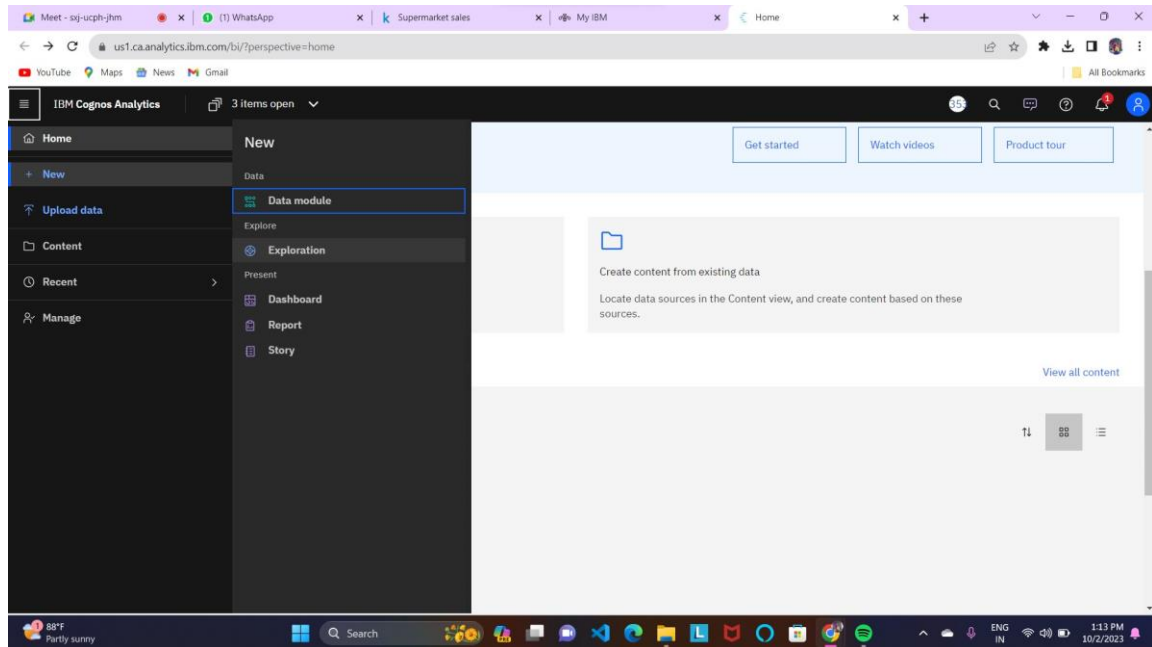


The screenshot shows the IBM Cognos Analytics interface in 'Grid' view. The table displays data from the CSV file. A context menu is open over the 'Branch' column, showing options like Filter..., Create data group..., Create navigation path..., Split..., Hide from users, Remove, Format data..., Clean..., Sort descending, Sort ascending, and Properties.

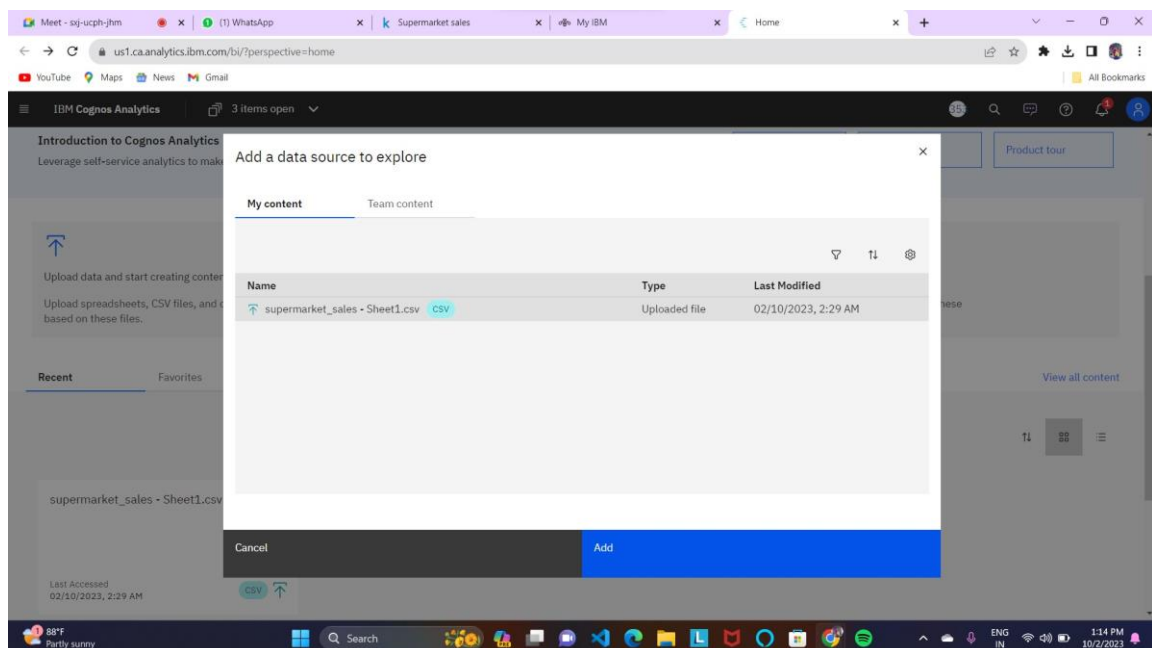
Row Id	Invoice ID	Branch	City	Customer type	Gender	Product line
1	750-67-8428	A		Member	Female	Health and beauty
2	226-31-3081	C		Normal	Female	Electronic accessories
3	631-41-3108	A		Normal	Male	Home and lifestyle
4	123-19-1176	A		Member	Male	Health and beauty
5	373-73-7910	A		Normal	Male	Sports and travel
6	699-14-3026	C		Normal	Male	Electronic accessories
7	355-53-5943	A		Member	Female	Electronic accessories
8	315-22-5665	C		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 beverage
11	351-62-0822	B	Mandalay	Member	Female	Fashion accessories
12	529-56-3974	B	Mandalay	Member	Male	Electronic accessories
13	365-64-0515	A	Yangon	Normal	Female	Electronic accessories

Task 2: Select the dataset to explore

Step 1: Select the exploration



Step 2: Select dataset to explore



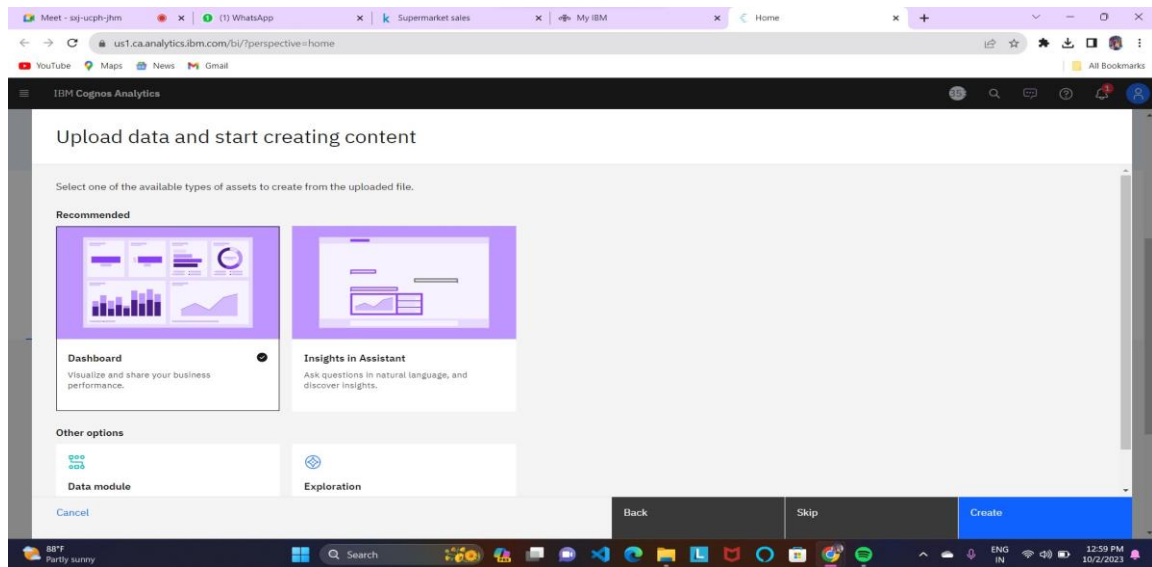
Step 3: Explore the dataset

The screenshot shows the IBM Cognos Analytics web interface. The browser tabs include 'Meet - sj-ucph-jhm', '(1) WhatsApp', 'Supermarket sales', 'My IBM', and 'New exploration'. The URL is 'us1.ca.analytics.ibm.com/bi/?perspective=explore&id=explore_86b9570d-4018-4718-9377-251eb5d52e5&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5Bc...'. The interface features a 'Cards' sidebar on the left with a 'Data relationships' card. 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 lists 'Total', 'cogs', 'gross income', 'Tax 5%', 'Quantity', 'Rating', 'Unit price', and 'gross margin percentage'.

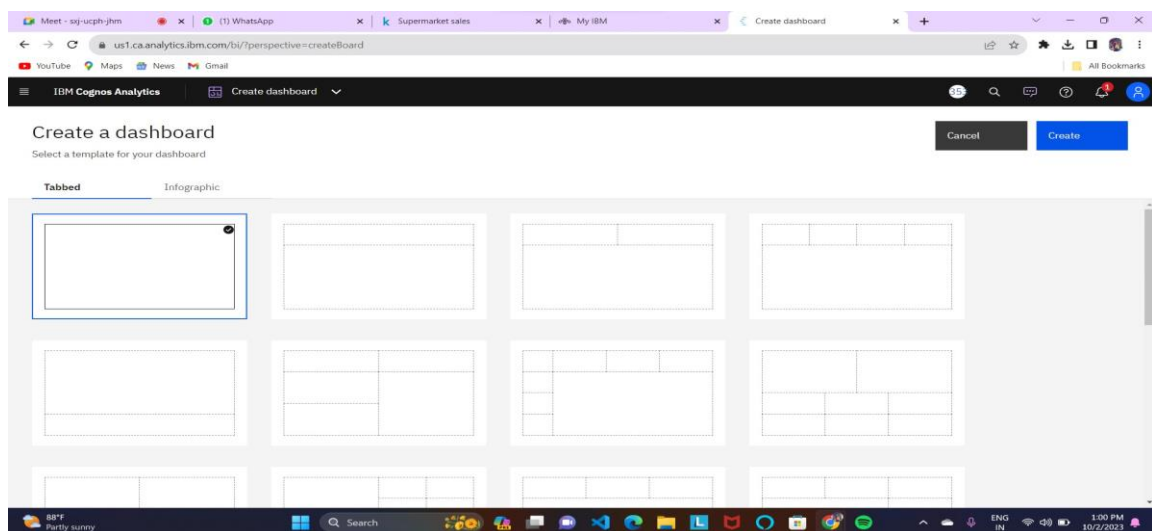
The screenshot shows the IBM Cognos Analytics web interface with the 'Explore data relationships' screen. The browser tabs and URL are the same as in the previous screenshot. The 'Cards' sidebar on the left still shows the 'Data relationships' card. The main area is titled 'Explore data relationships' with a subtitle 'supermarket_sales - Sheet1.csv' and a 'Reset to original' button. A search bar contains the text 'Total'. Below the search bar, a relationship diagram shows 'Total' as the central node, connected to 'Quantity', 'cogs', 'Unit price', 'gross income', and 'Tax 5%'. A legend at the bottom indicates 'Relationship diagram' with a scale from 10% to 100%. On the right, a summary card displays '323K Total' with an 'Add +' button. Below this, a card titled 'Total and Unit price by Date' shows a bar chart with an 'Add +' button and a 'See more' link.

Task 3: Visualize the Data Set.

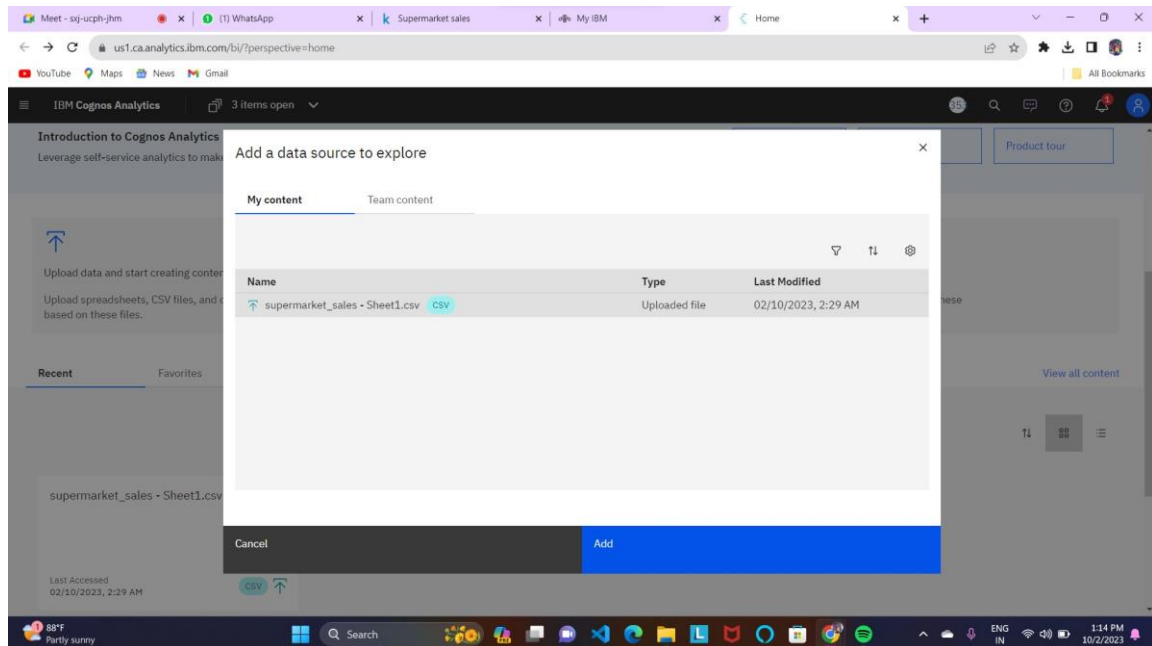
Step 1: Create the Dashboard.



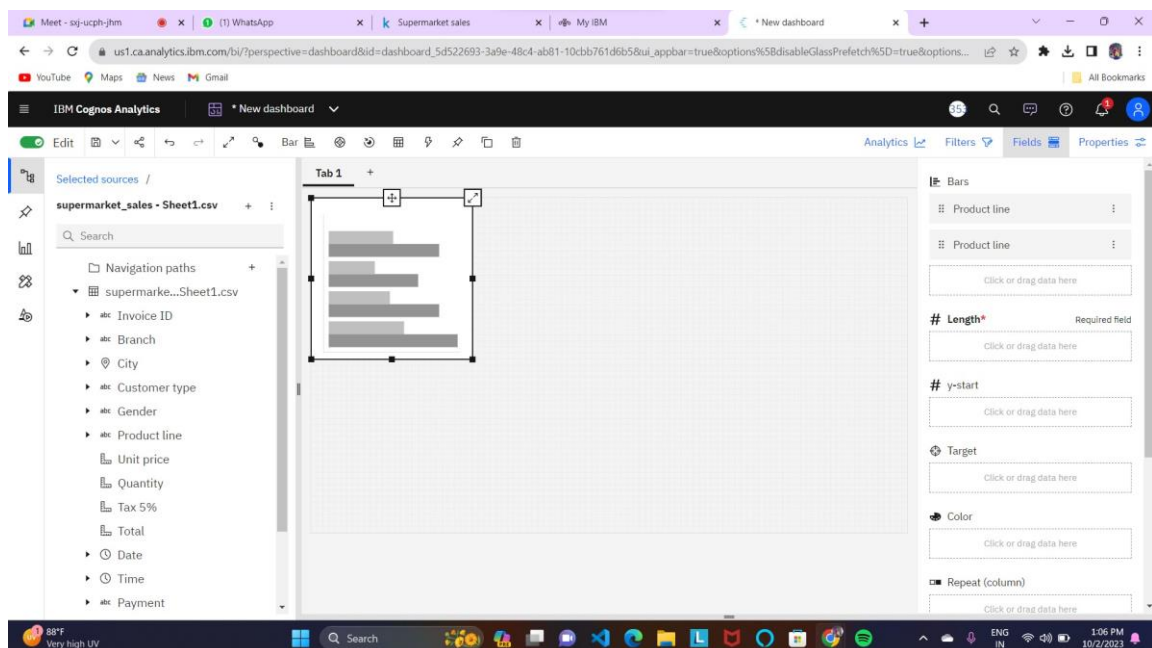
Step 2: Create Template for the Dashboard



Step 3: Select the source file.



Step 4: Select Visualization type (Bar Graph).



Step 5: Create Visualization charts and save it.

