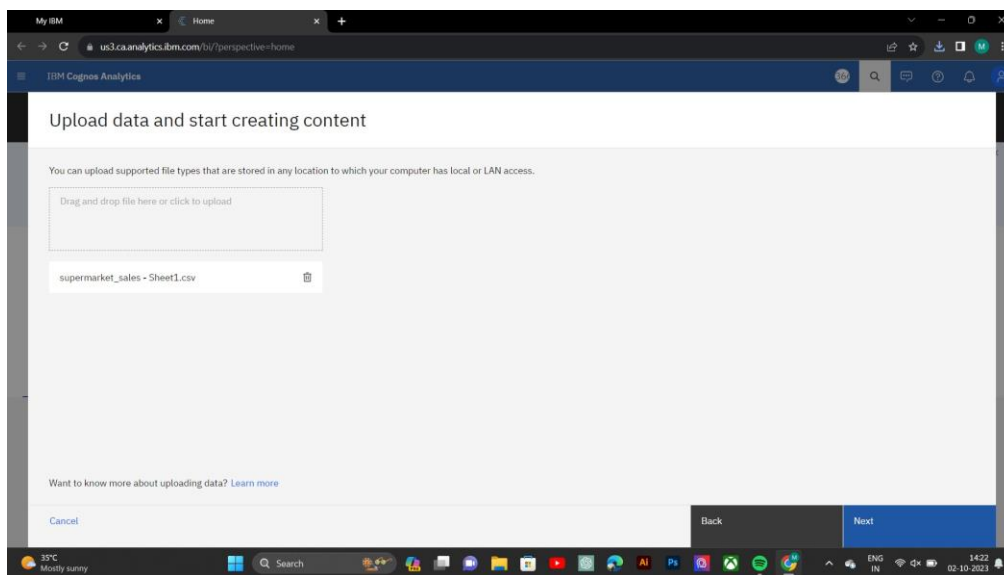
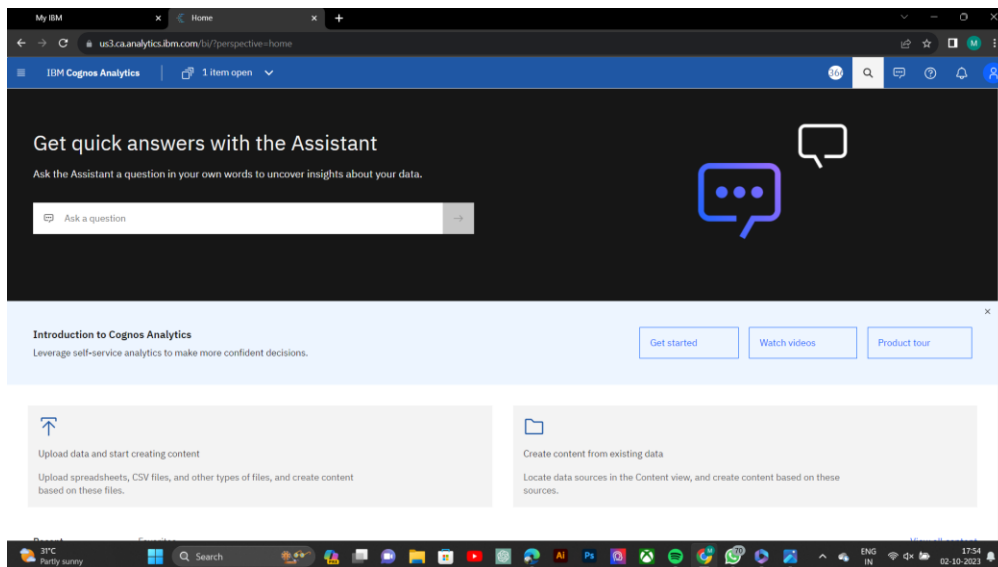


SUPER MARKET SALES ANALYSIS VISUALIZATION

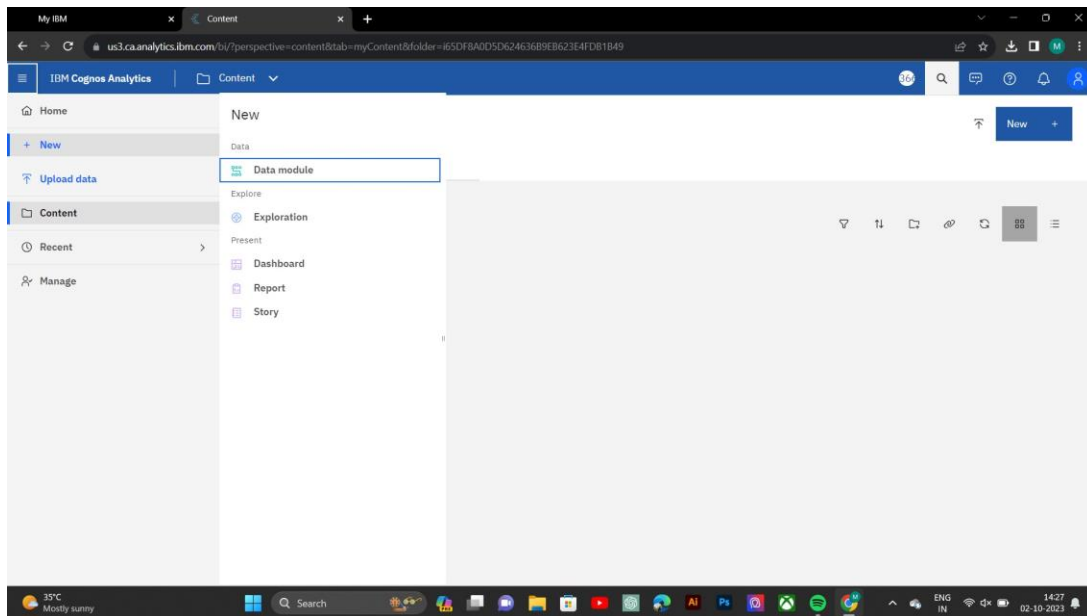
NAME: MADHUMITHA V

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

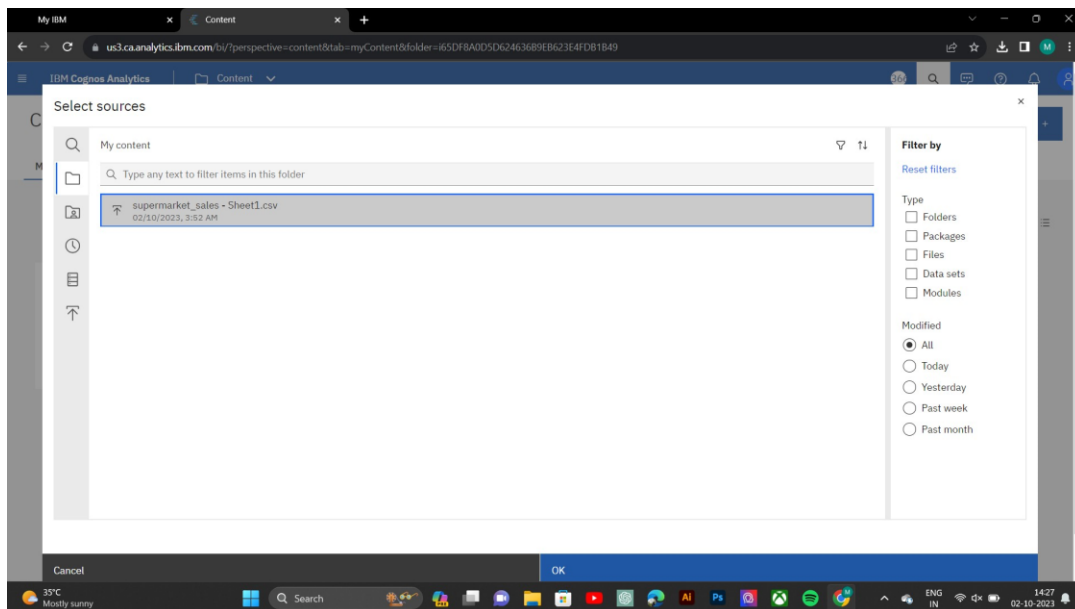
Step 1: Upload the CSV File



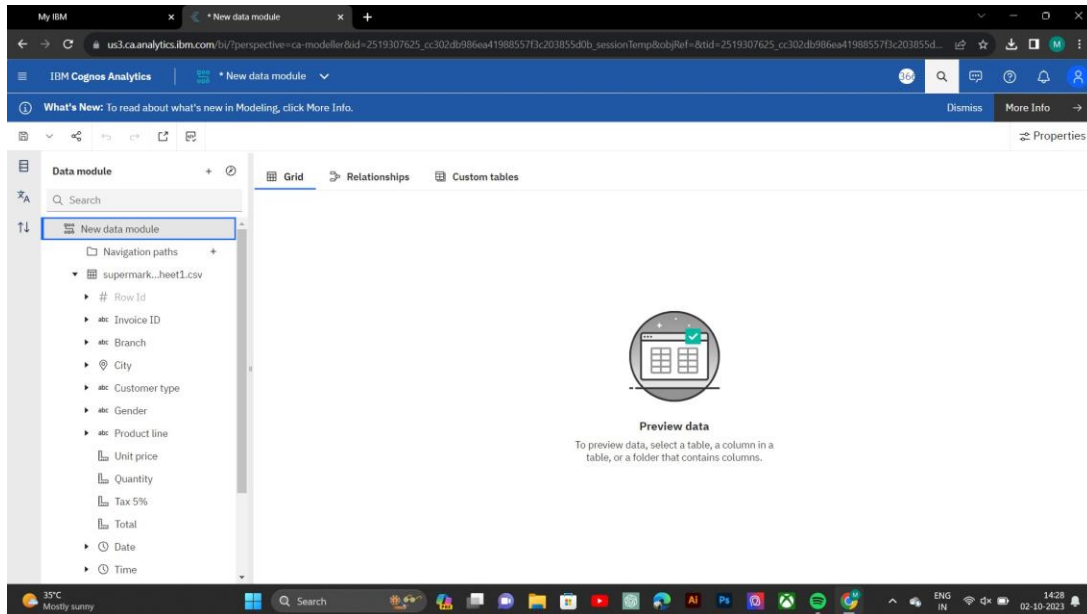
Step 2: Create Data Module



Step 3: Select the CSV file



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

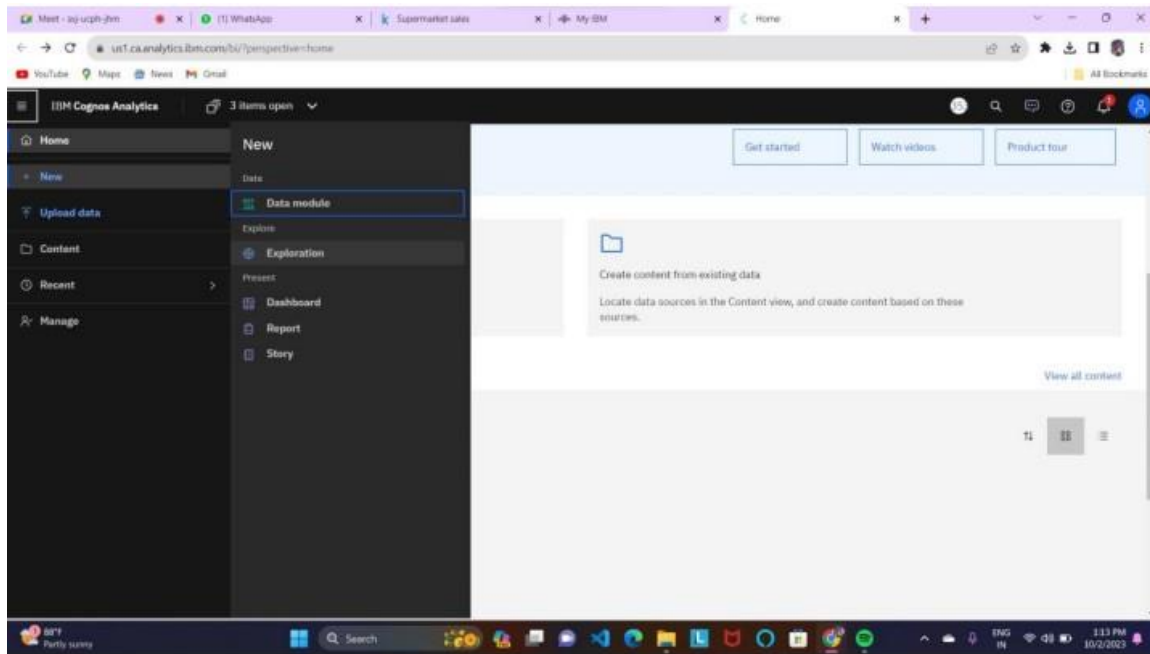


The screenshot shows the IBM Cognos Analytics interface. The left sidebar lists the data module structure, including 'supermarket...heet1.csv' with columns like Row Id, Invoice ID, Branch, City, Customer type, Gender, Product line, Unit price, Quantity, Tax 5%, Total, Date, and Time. The main area displays a table of data with 12 rows and 7 columns. A context menu is open over the 'City' 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.

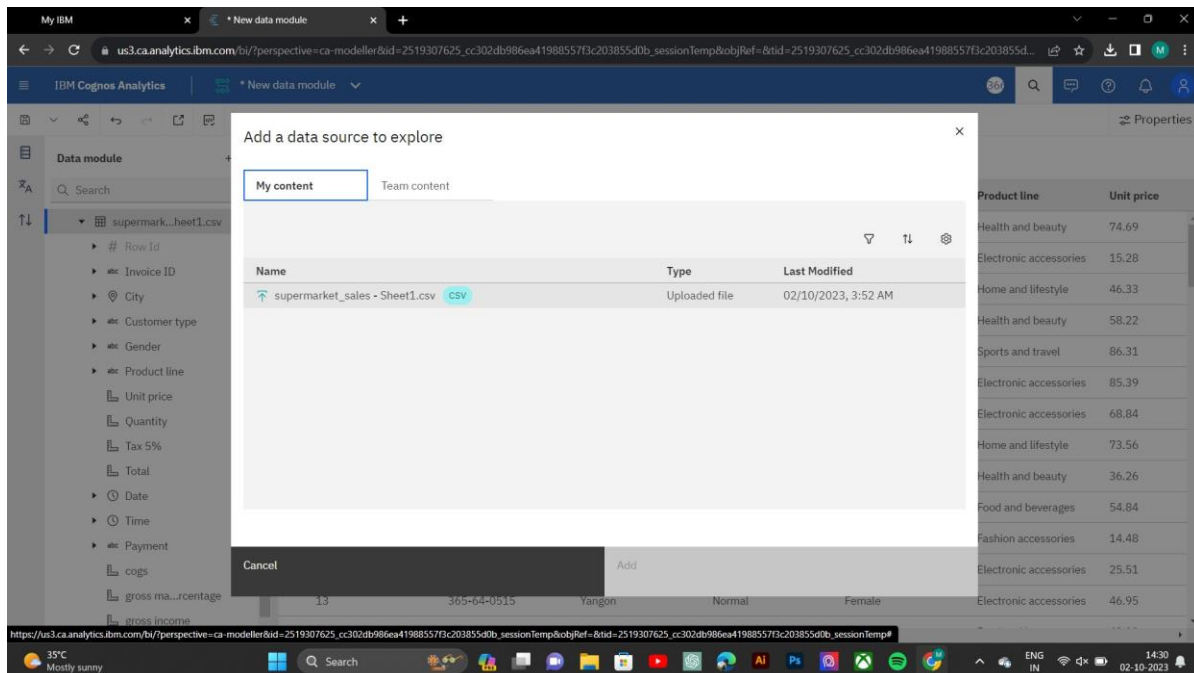
Row Id	Invoice ID	Branch	City	Customer type	Gender	Product line
1	750-67-8428	A		Member	Female	Health and beauty
2	226-31-3081	C		Normal	Female	Electronic accessories
3	631-41-3108	A		Normal	Male	Home and lifestyle
4	123-19-1176	A		Member	Male	Health and beauty
5	373-73-7910	A		Normal	Male	Sports and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

Task 2: Select the dataset to explore

Step 1: Select the exploration



Step 2: Select dataset to explore



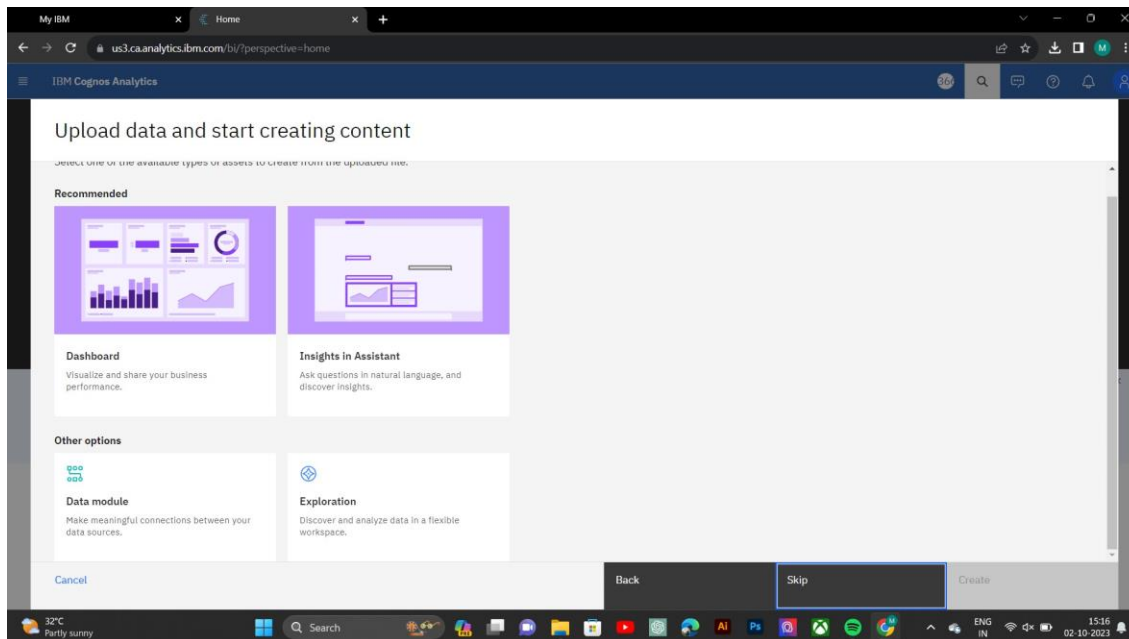
Step 3: Explore the dataset

This screenshot shows the 'Select a starting point' interface in IBM Cognos Analytics. The left sidebar contains a 'Cards' panel with a 'Data relationships' card. The main area prompts the user to 'Select a starting point' and provides a search bar to 'Enter data column. Not sure? Try Total, cogs'. Below the search bar, a row of suggested columns is displayed: Total, cogs, gross income, Tax 5%, Quantity, Rating, Unit price, and gross margin percentage. A 'Skip' button is located in the top right corner.

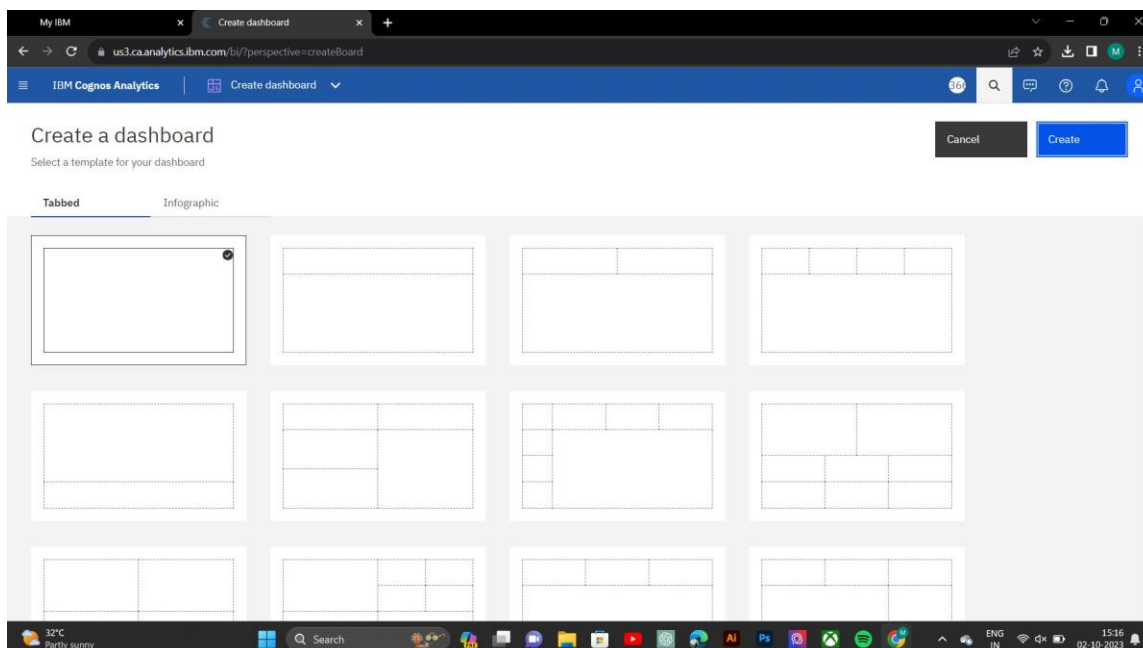
This screenshot shows the 'Explore data relationships' interface in IBM Cognos Analytics. The left sidebar remains the same. The main area displays a relationship diagram for the 'supermarket_sales - Sheet1.csv' dataset, with 'Total' selected in the search bar. The diagram shows 'Total' at the center, connected to 'Quantity', 'cogs', 'Unit price', 'gross income', and 'Tax 5%'. A zoom slider at the bottom indicates the diagram is at 100%. On the right, a summary card shows 'Total' with a value of '323K'. Below this, a card titled 'Total and Unit price by Date' displays a bar chart. An 'Add and view card' button is visible near the bottom right of the diagram.

Task 3: Visualize the Data Set

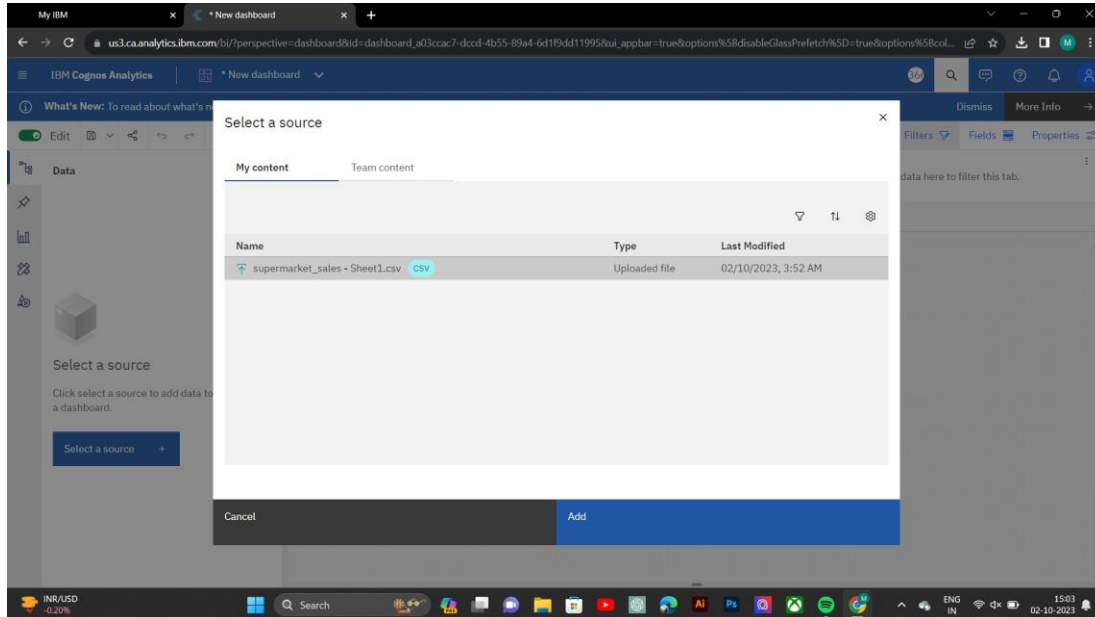
Step 1: Create the Dashboard



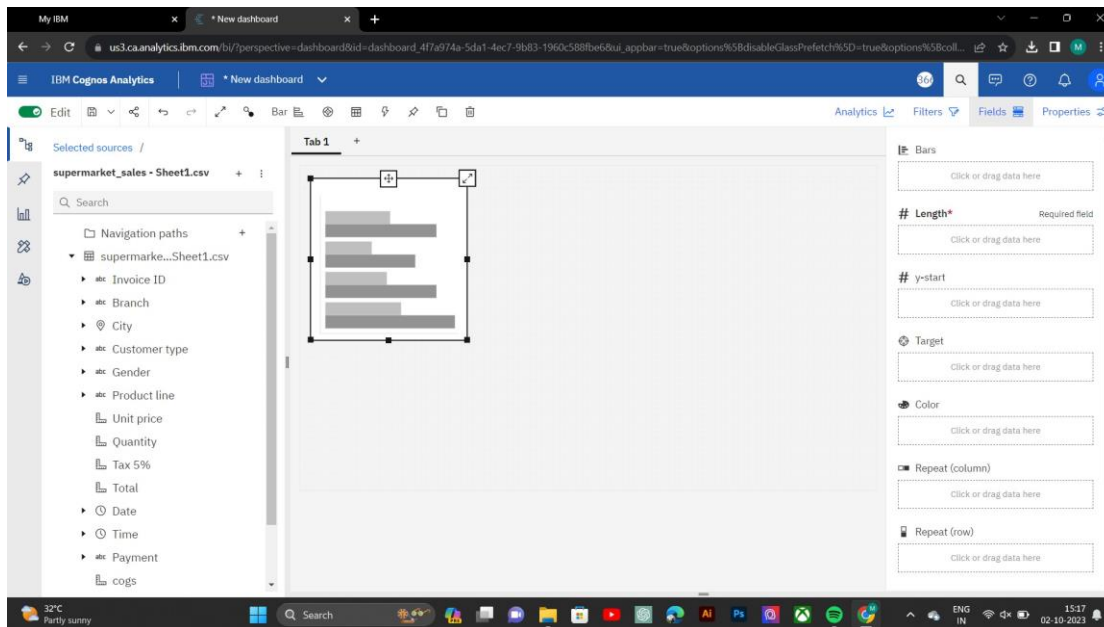
Step 2: Create Template for the Dashboard



Step 3: Select the source file



Step 4: Select Visualization type (Bar Graph)



Step 5: Create Visualization charts and save it

