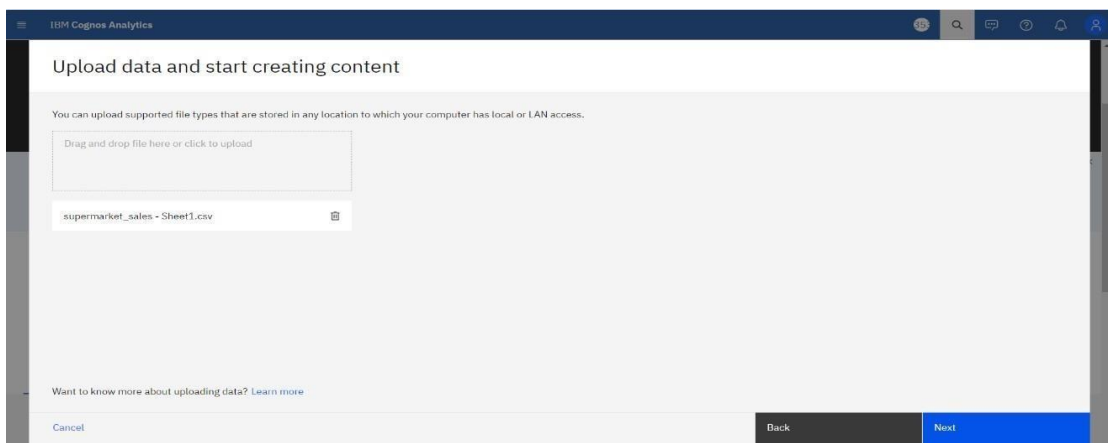
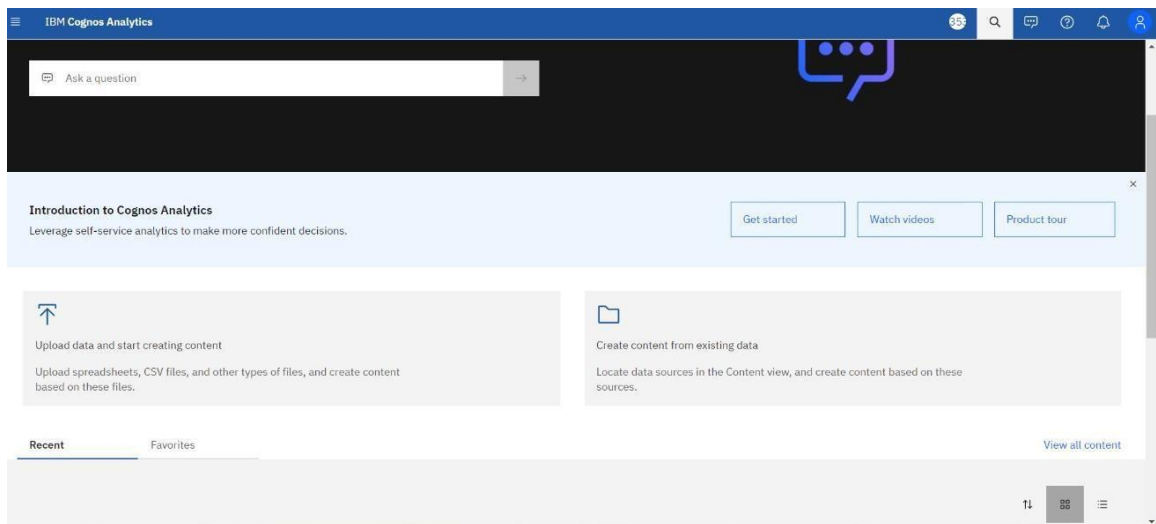


SUPER MARKET SALES ANALYSIS VISUALIZATION

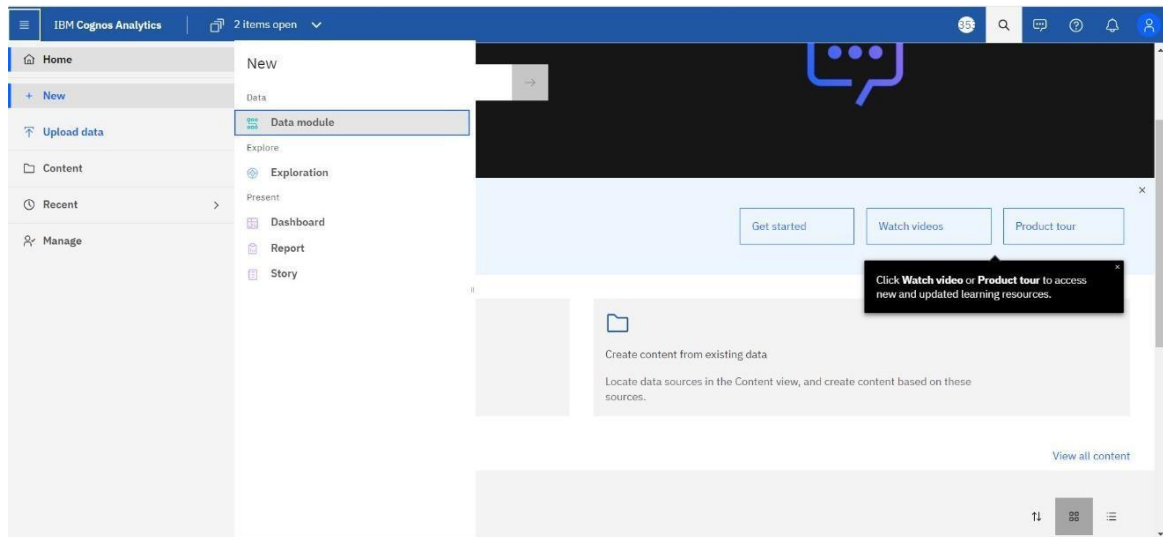
NAME: SIVADHARSHINI S

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

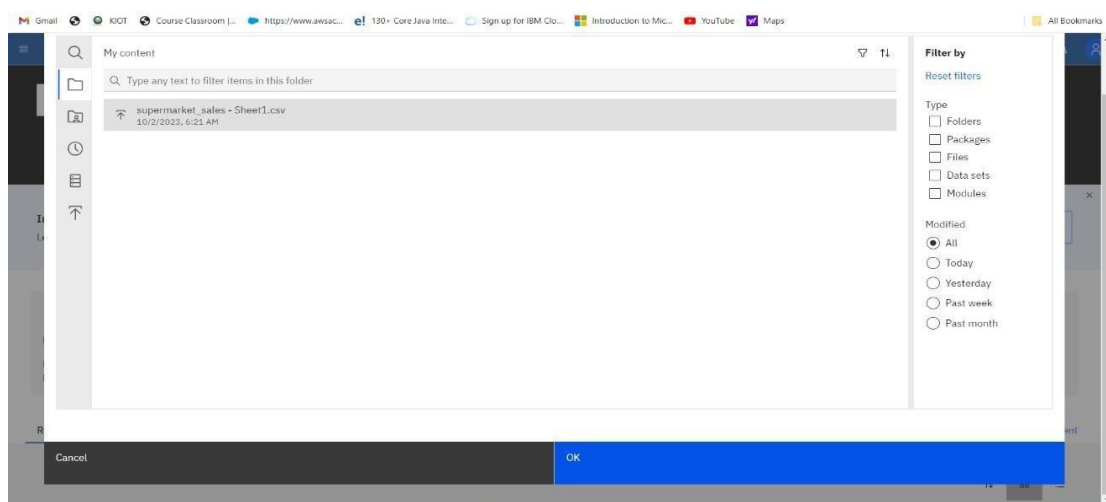
Step 1: Upload the CSV File:



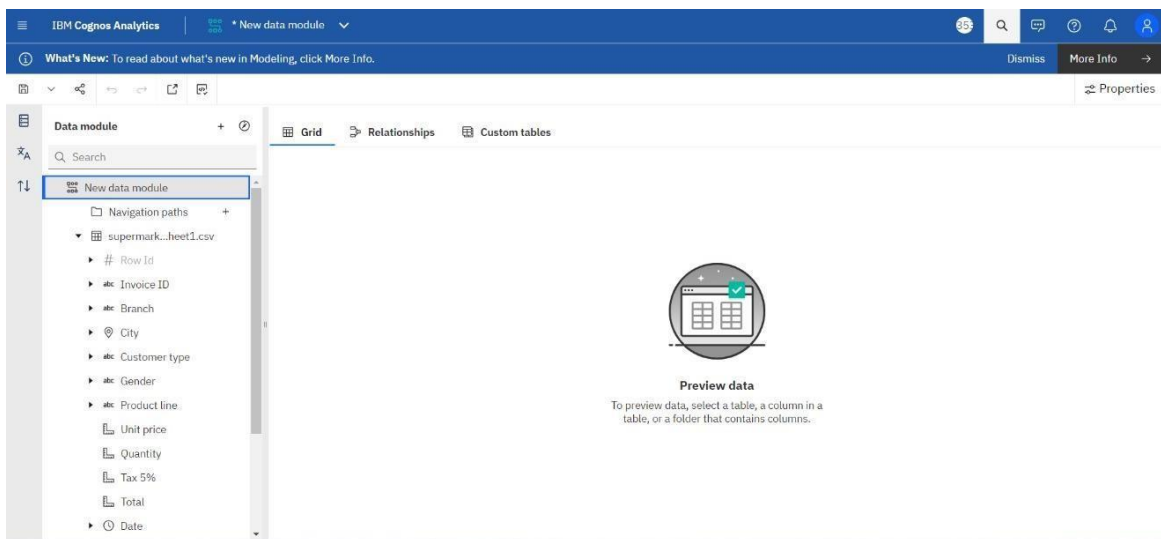
Step 2: Create Data Module.



Step 3: Select the CSV file.



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

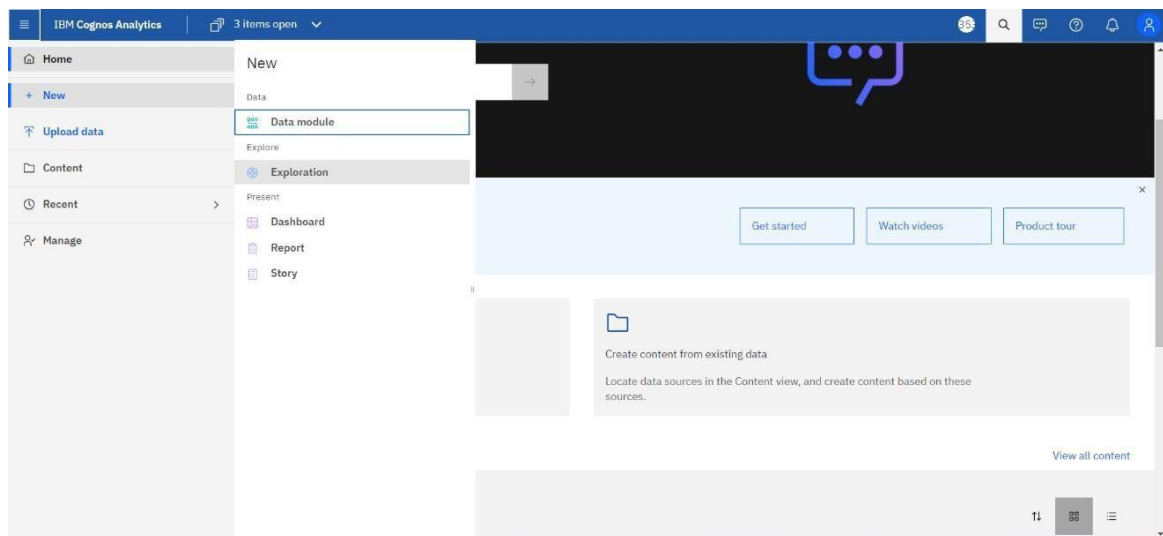


The screenshot shows the IBM Cognos Analytics interface with the 'Grid' view active. The 'Data module' panel on the left shows the 'supermark...heet1.csv' folder expanded, with the 'Branch' item selected. The main workspace displays a table with the following data:

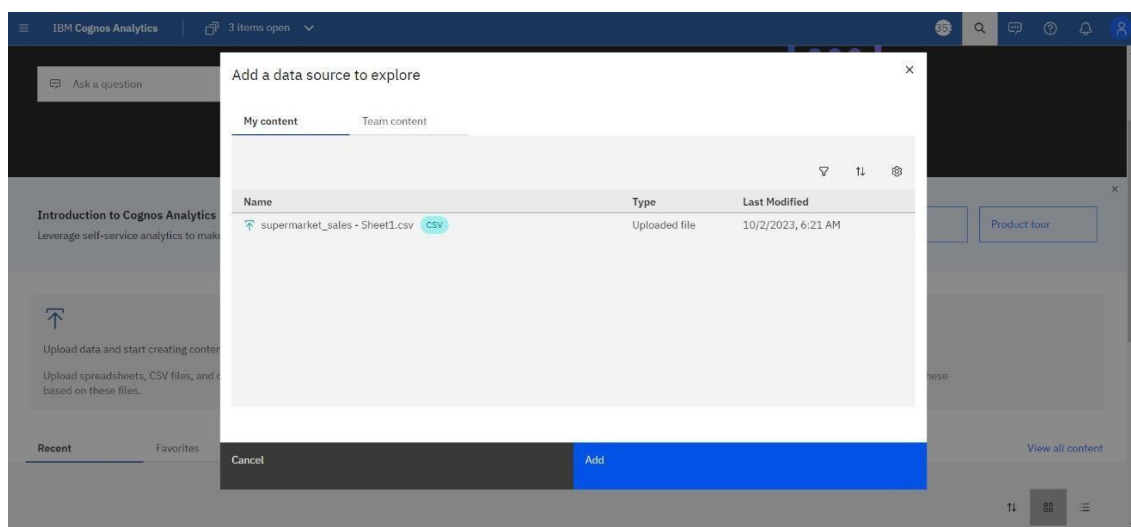
Row Id	Invoice ID	Branch	City	Customer type	Gender	Product line
1	750-67-8428	A	Managon	Member	Female	Health and beauty
2	226-31-3081	C	Managon	Normal	Female	Electronic accessories
3	631-41-3108	A	Managon	Normal	Male	Home and lifestyle
4	123-19-1176	A	Managon	Member	Male	Health and beauty
5	373-73-7910	A	Managon	Normal	Male	Sports and travel
6	699-14-3026	C	Managon	Normal	Male	Electronic accessories
7	355-53-5943	A	Managon	Member	Female	Electronic accessories
8	315-22-5665	C	Managon	Normal	Female	Home and lifestyle
9	665-32-9167	A	Managon	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: Select the dataset to explore

Step 1: Select the exploration



Step 2: Select dataset to explore



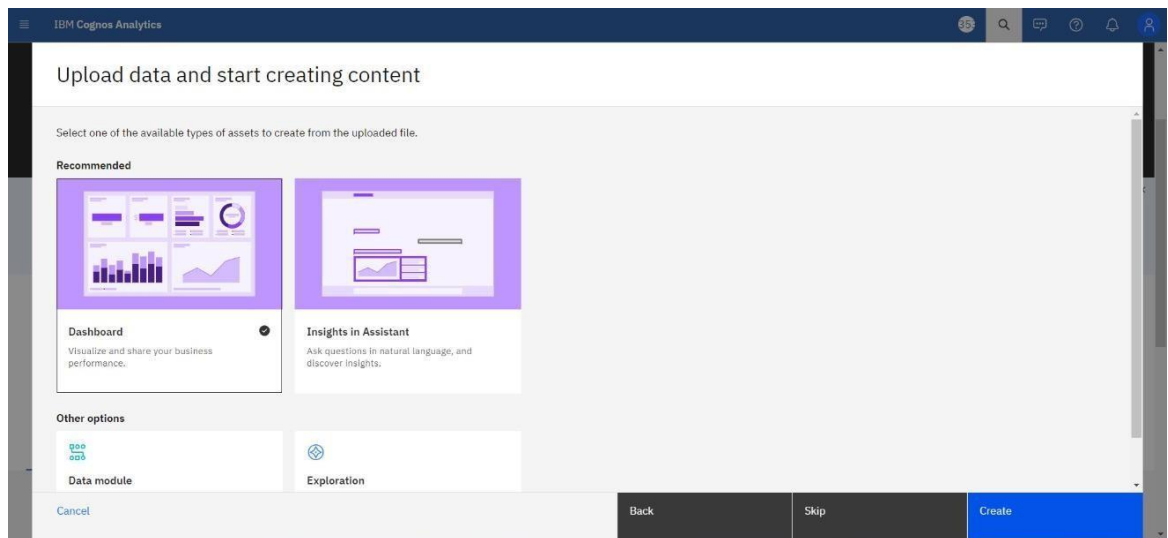
Step 3: Explore the dataset

The screenshot shows the IBM Cognos Analytics interface. The top navigation bar includes the logo, 'New exploration' dropdown, and user profile. A 'What's New' banner is present. The left sidebar shows 'Cards' and 'Data relationships' icons. 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.' A search bar prompts '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.

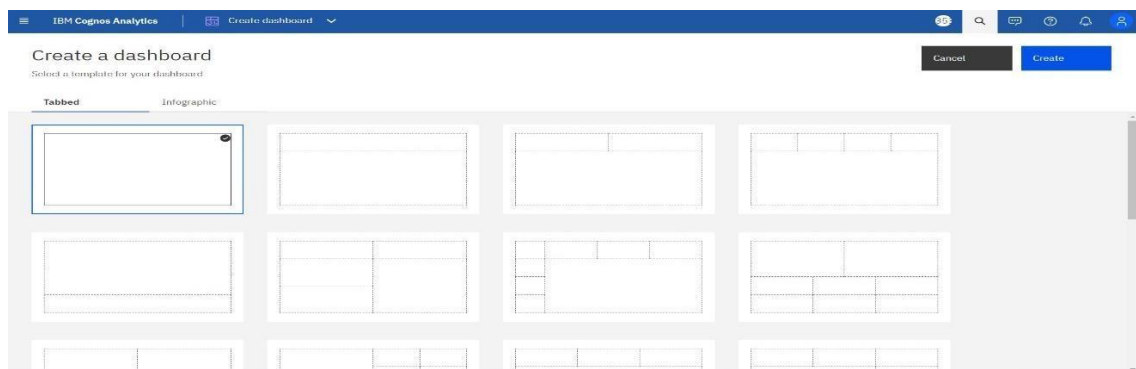
The screenshot shows the 'Explore data relationships' screen in IBM Cognos Analytics. The left sidebar shows 'Cards' and 'Data relationships' icons. The main area is titled 'Explore data relationships' and shows a relationship diagram for 'supermarket_sales - Sheet1.csv'. The diagram has 'Total' as a central node, connected to 'Quantity', 'cogs', 'Unit price', 'gross income', and 'Tax 5%'. A search bar at the top left of the diagram area contains 'Total'. Below the diagram, there is a 'Relationship diagram' section with a slider from 10% to 100%. On the right, a 'Select a visualization' panel shows a card for 'Total' with a value of '323K' and an 'Add +' button. Below it, another card for 'Total' is partially visible, and a 'Total and Unit price by Date' card is at the bottom.

Task 3: Visualize the Data Set.

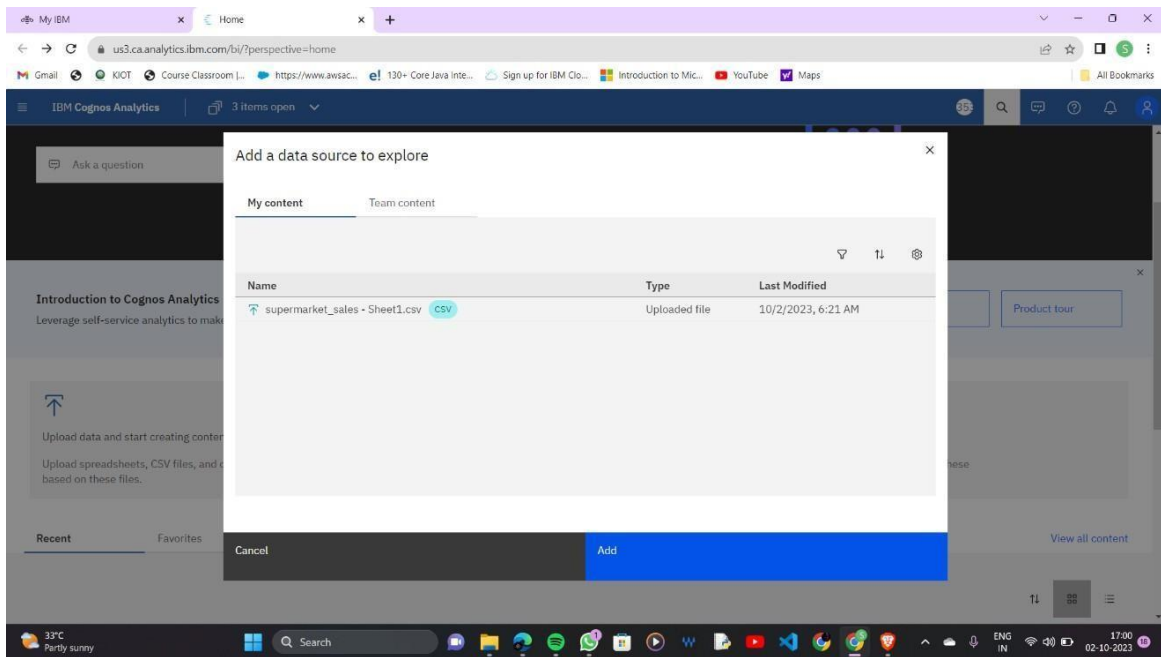
Step 1: Create the Dashboard.



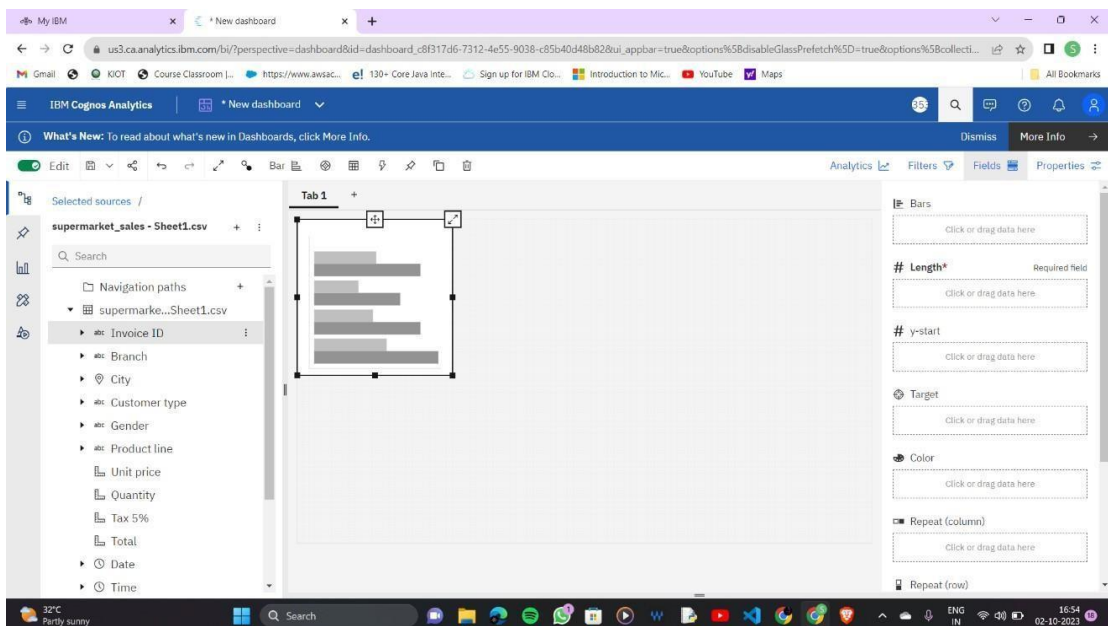
Step 2: Create Template for the Dashboard



Step 3: Select the source file.



Step 4: Select Visualization type (Bar Graph).



Step 5: Create Visualization charts and save it.

