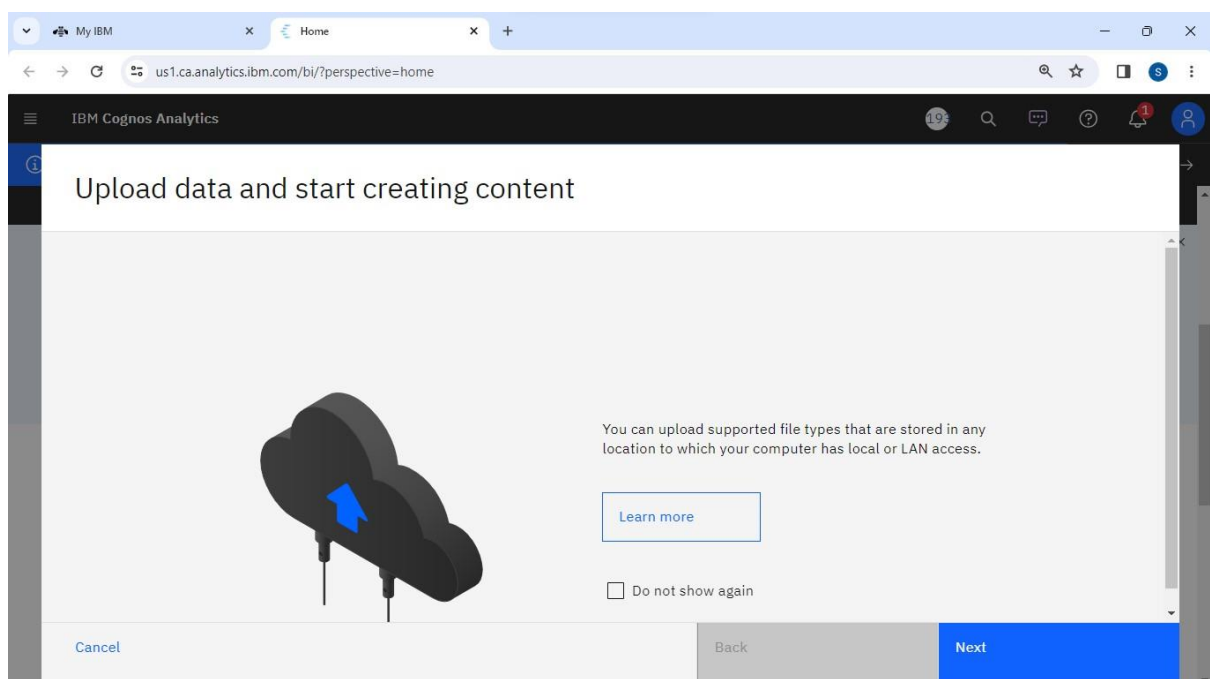
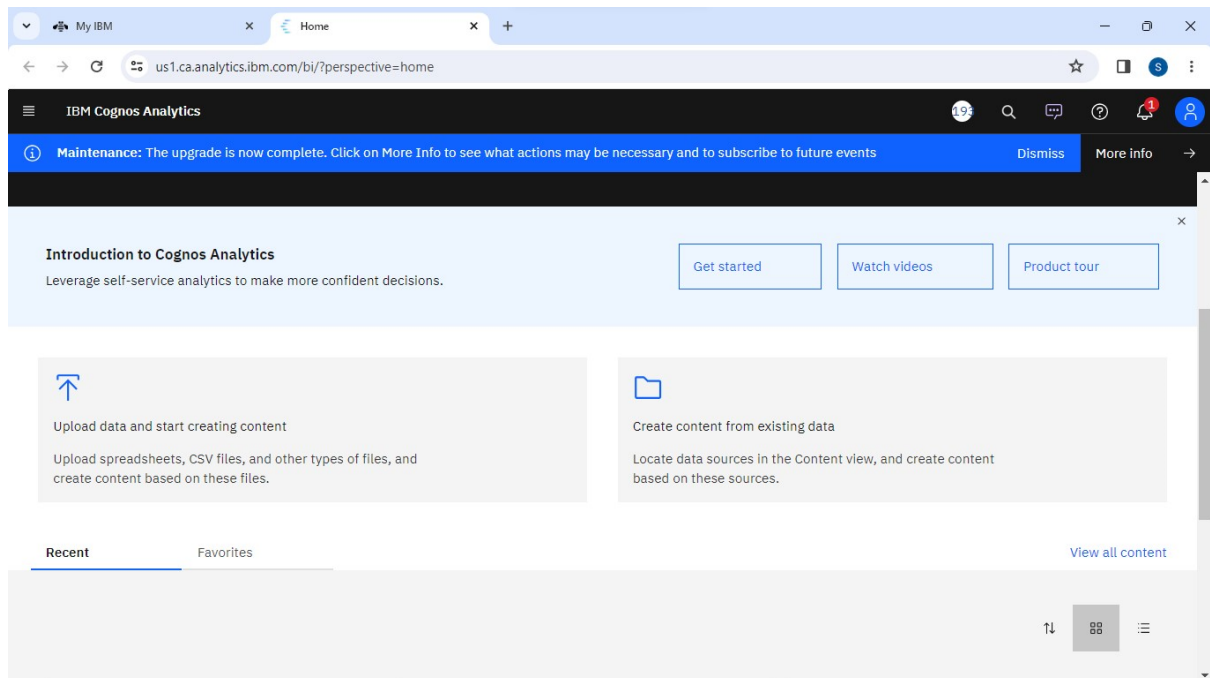


SUPER MARKET SALES ANALYSIS VISUALIZATION

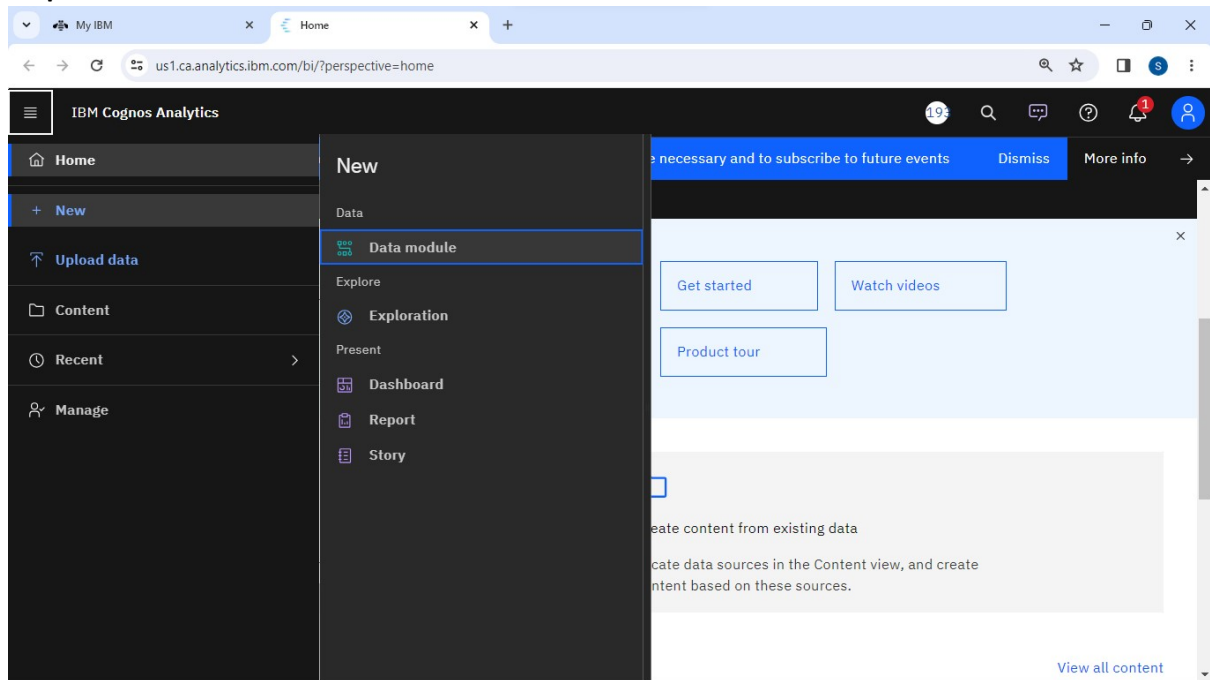
NAME: SANGANIDHI S

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

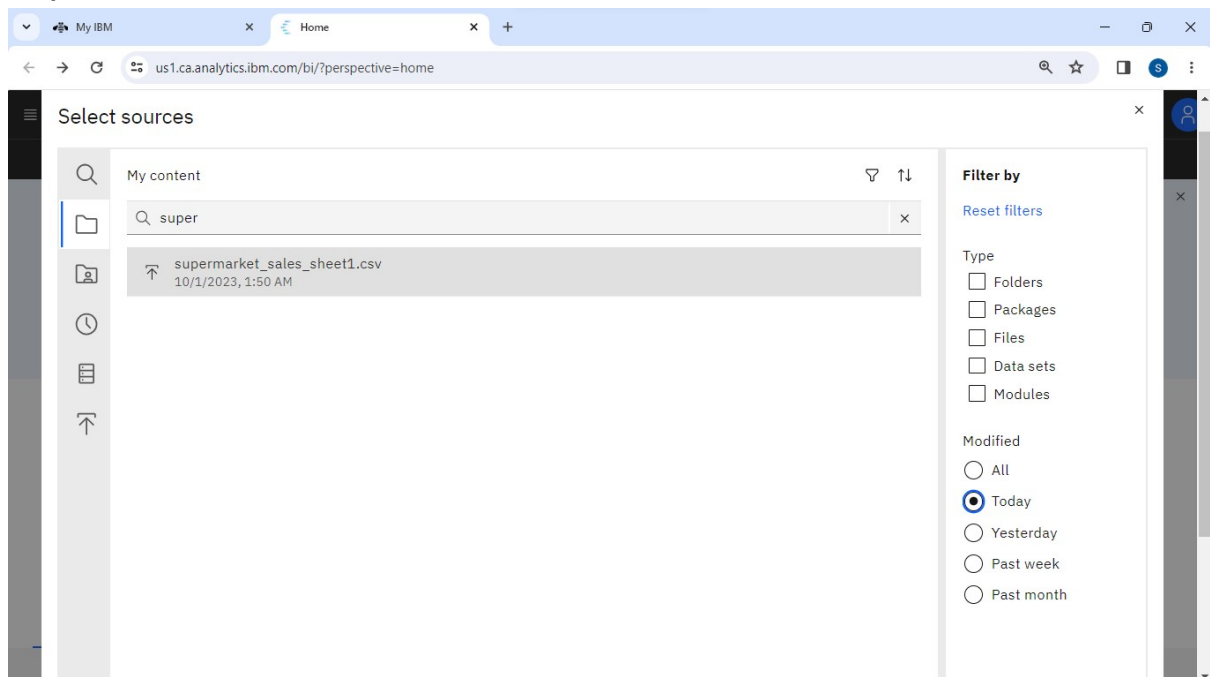
Step 1 : Upload the data(CSV file) in the Cognos



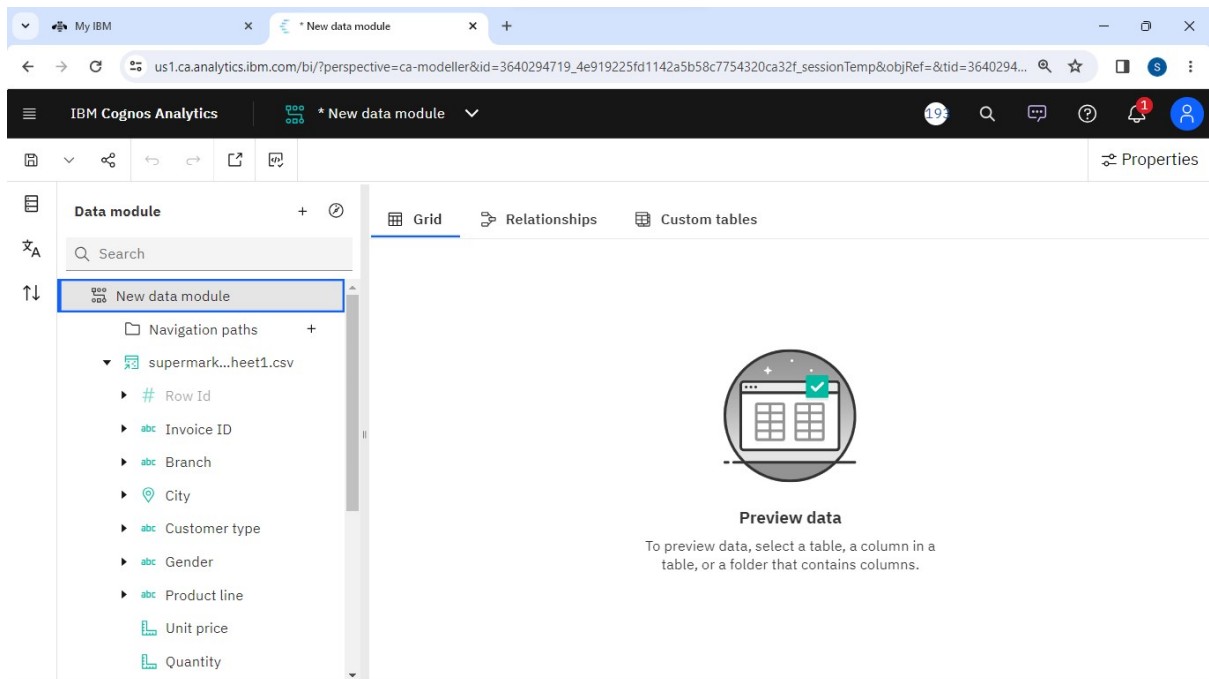
Step 2 : Create Data Module.



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.



IBM Cognos Analytics

* New data module

Grid Relationships Custom tables

Search

New data module

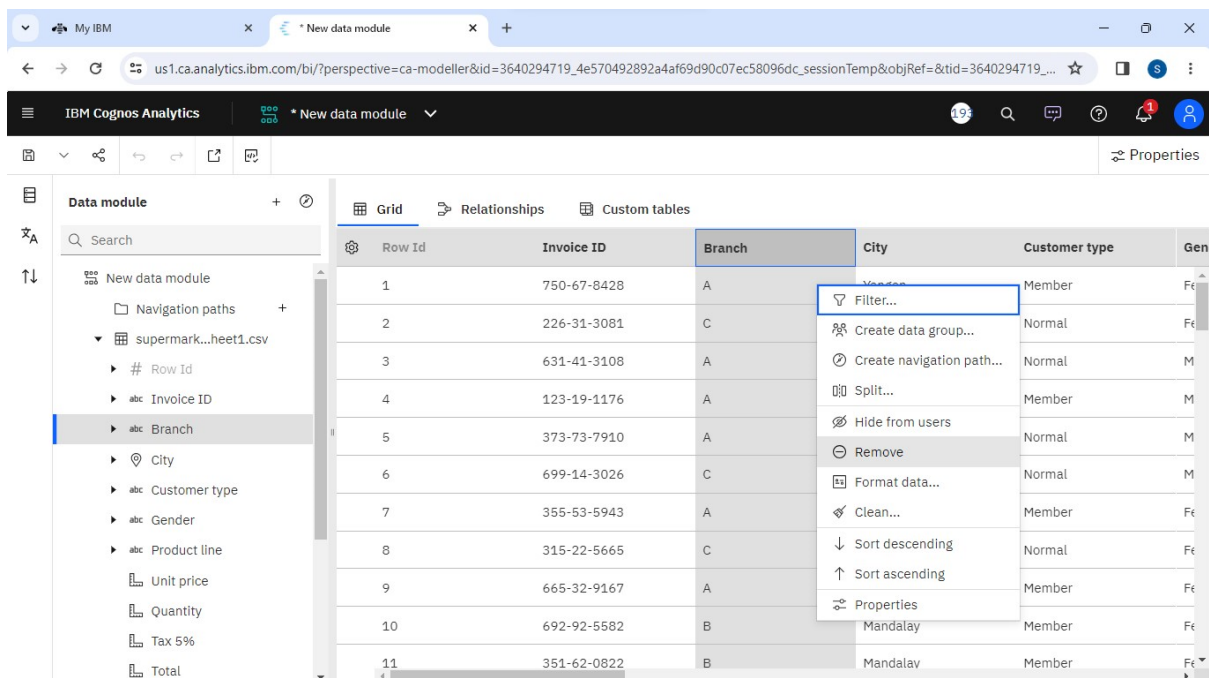
Navigation paths

supermark...heet1.csv

- # Row Id
- abc Invoice ID
- abc Branch
- City
- abc Customer type
- abc Gender
- abc Product line
- Unit price
- Quantity

Preview data

To preview data, select a table, a column in a table, or a folder that contains columns.



IBM Cognos Analytics

* New data module

Grid Relationships Custom tables

Search

New data module

Navigation paths

supermark...heet1.csv

- # Row Id
- abc Invoice ID
- abc Branch
- City
- abc Customer type
- abc Gender
- abc Product line
- Unit price
- Quantity
- Tax 5%
- Total

Row Id	Invoice ID	Branch	City	Customer type	Gen
1	750-67-8428	A	Yonkers	Member	Fe
2	226-31-3081	C	Yonkers	Normal	Fe
3	631-41-3108	A	Yonkers	Normal	M
4	123-19-1176	A	Yonkers	Member	M
5	373-73-7910	A	Yonkers	Normal	M
6	699-14-3026	C	Yonkers	Normal	M
7	355-53-5943	A	Yonkers	Member	Fe
8	315-22-5665	C	Yonkers	Normal	Fe
9	665-32-9167	A	Yonkers	Member	Fe
10	692-92-5582	B	Mandalay	Member	Fe
11	351-62-0822	B	Mandalay	Member	Fe

Filter...

Create data group...

Create navigation path...

Split...

Hide from users

Remove

Format data...

Clean...

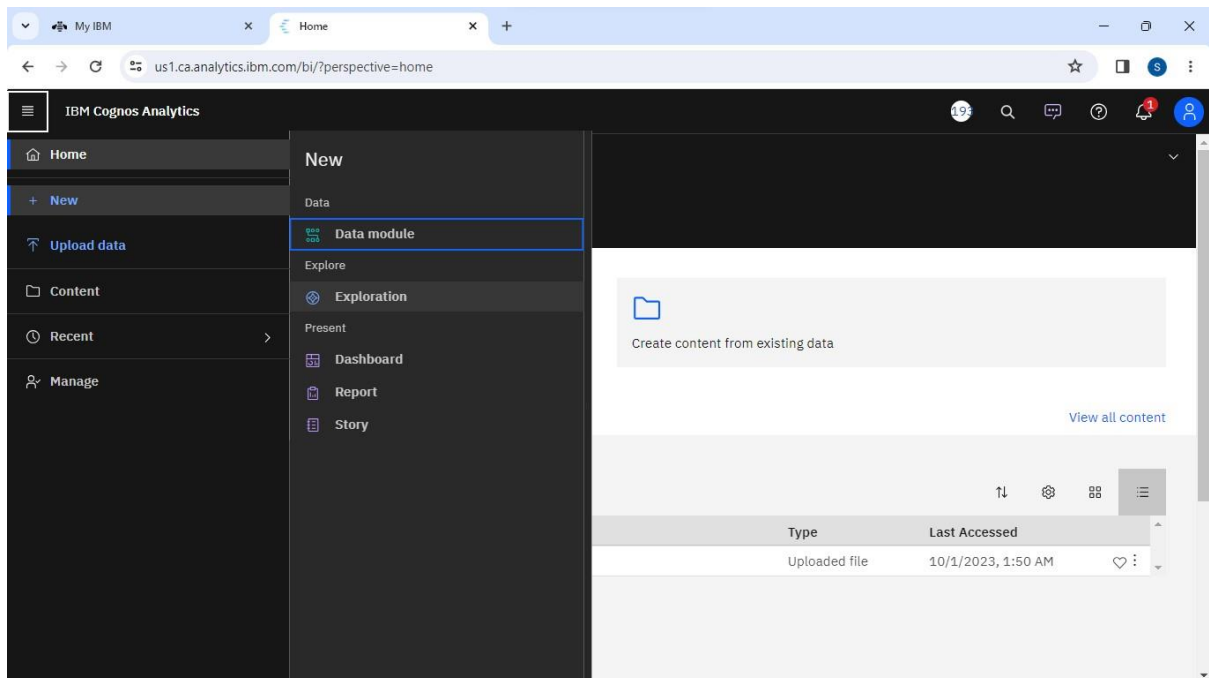
Sort descending

Sort ascending

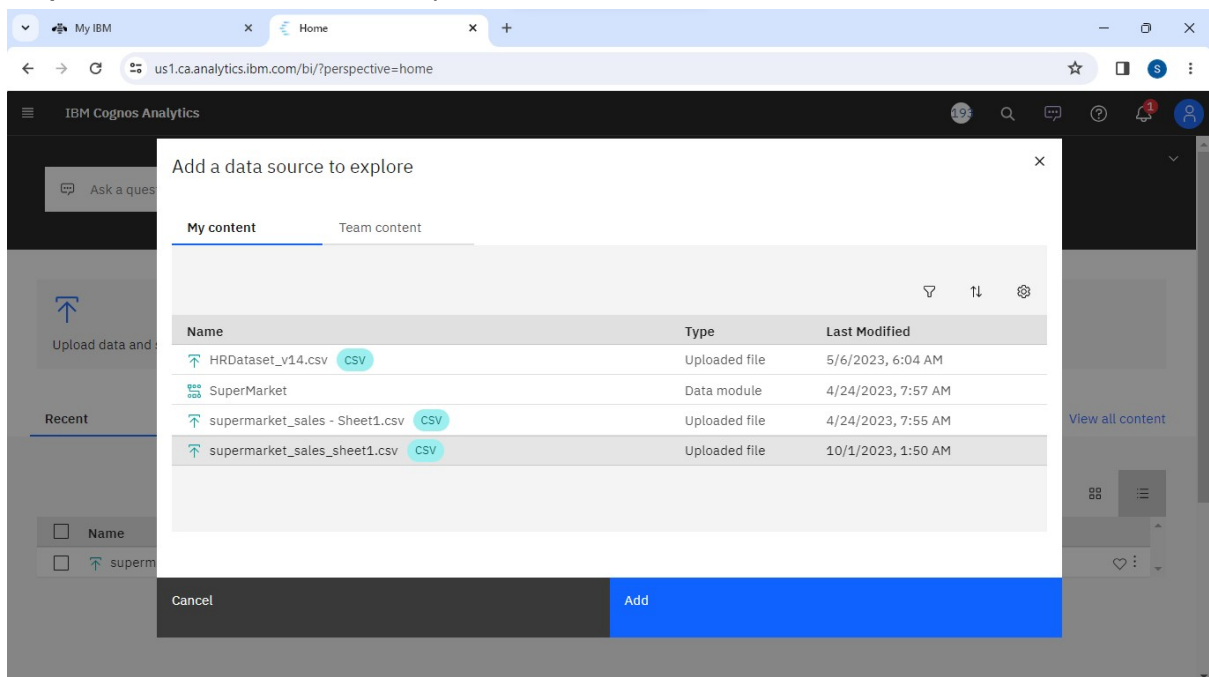
Properties

TASK 2: Explore the dataset.

Step 1: Select the Exploration.



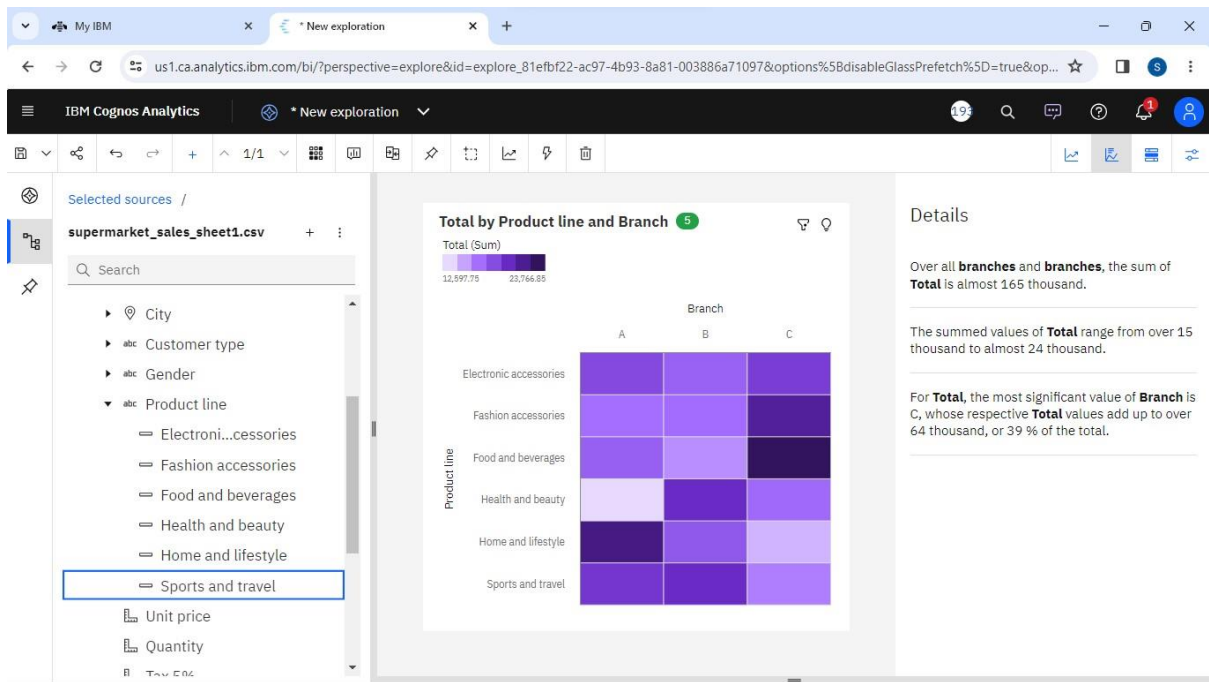
Step 2: Select the dataset to explore.



Step 3: Explore the dataset.

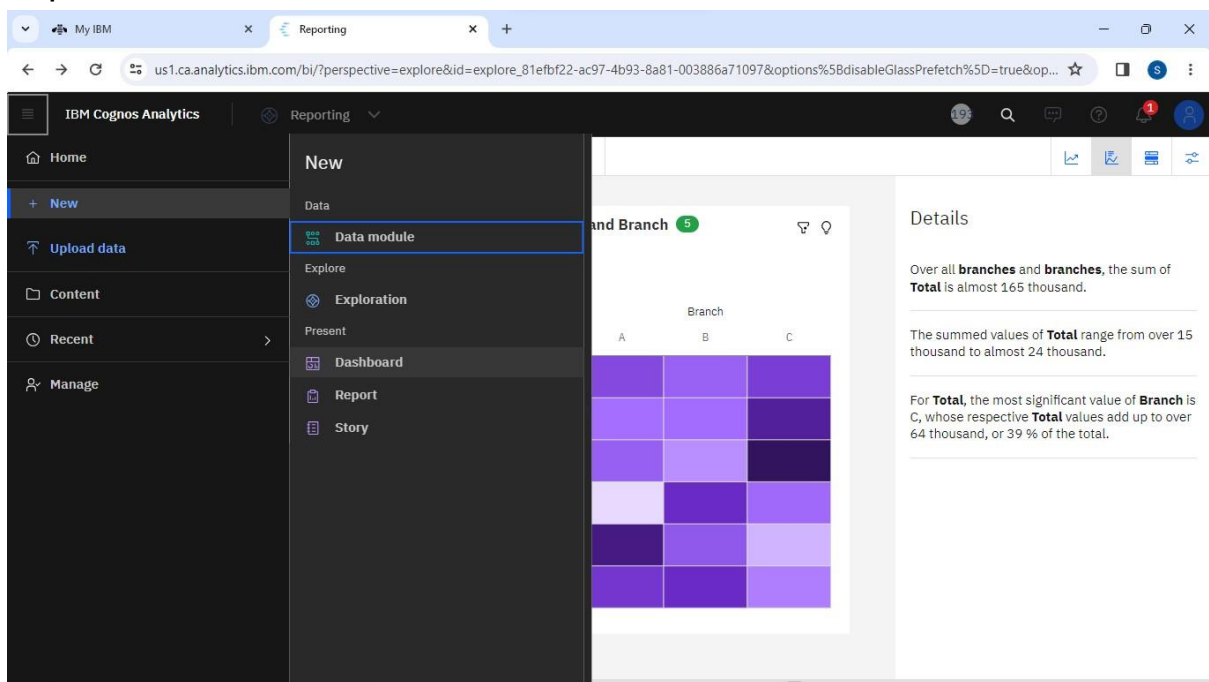
The screenshot shows the IBM Cognos Analytics interface. The browser address bar displays a URL from `us1.ca.analytics.ibm.com`. The top navigation bar includes the IBM Cognos Analytics logo and a 'New exploration' dropdown. On the left, a 'Cards' sidebar contains a 'Data relationships' card with a network diagram icon. The main content area is titled 'Select a starting point' and includes a 'Skip' button. Below the title, it says 'Every exploration includes a data relationships card.' A search bar prompts the user to 'Enter data column. Not sure? Try Total, cogs'. A section titled 'Try starting with one of these...' lists several data fields: Total, cogs, gross income, Tax 5%, Quantity, Rating, Unit price, and gross margin percentage.

This screenshot shows the 'Explore data relationships' screen in IBM Cognos Analytics. The browser address bar and top navigation bar are consistent with the previous image. The 'Cards' sidebar on the left still shows the 'Data relationships' card. The main content area is titled 'Explore data relationships' and shows a network diagram for the file '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 of the diagram area contains 'Total'. To the right, a 'Select a visualization' panel shows a visualization of 'Total' with a value of '323K'. Below the diagram, there is a 'Relationship diagram' section with a zoom slider ranging from 10% to 100%.

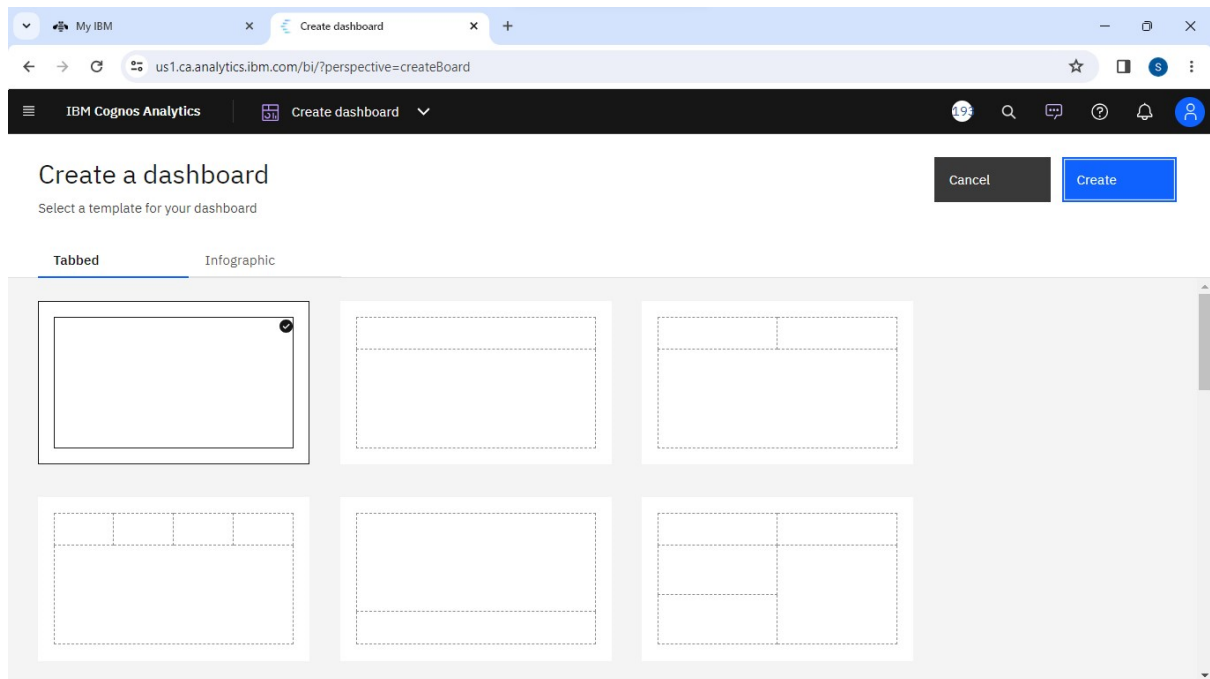


TASK 3: Visualize the Data Set.

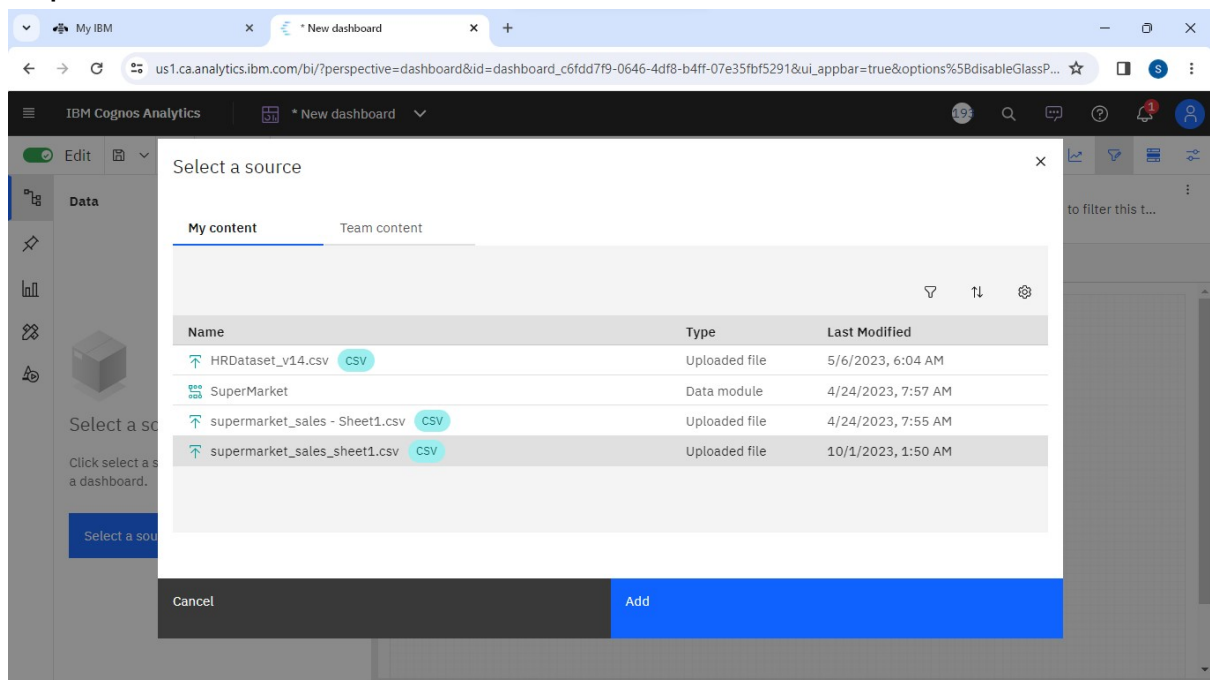
Step 1: Create the Dash Board.



Step 2: Create a Template for the Dash Board.



Step 3: Select Source file.

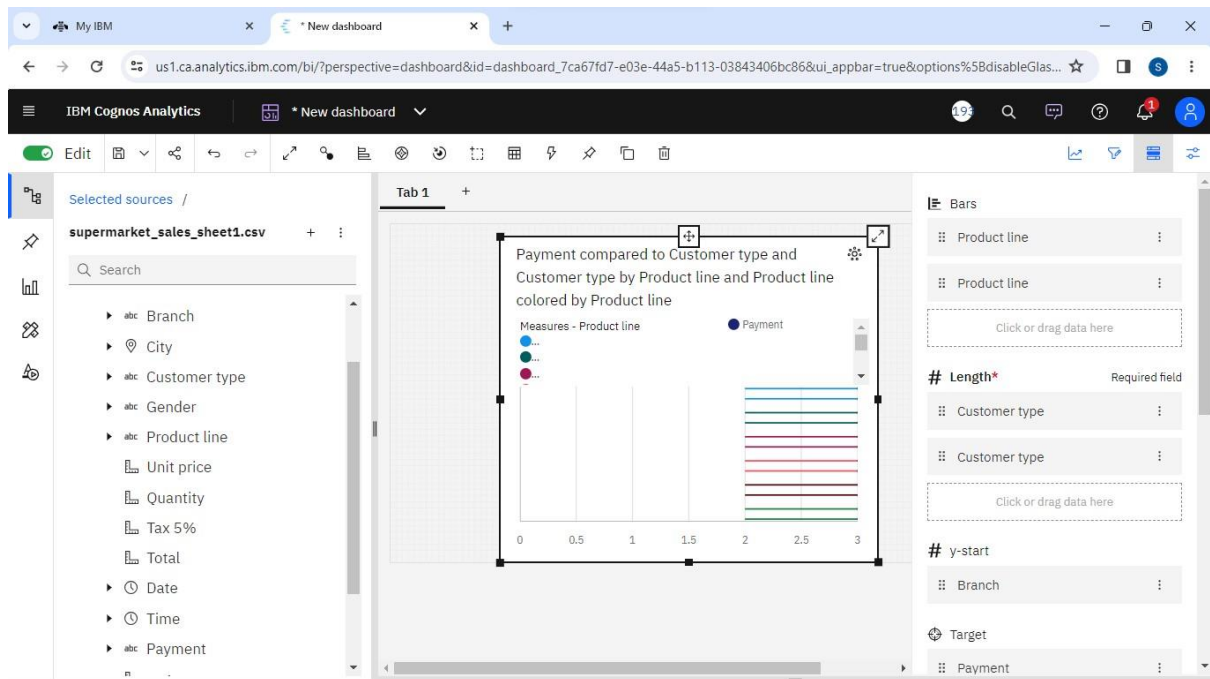


Step 4: Select Visualization Type.

This screenshot shows the IBM Cognos Analytics interface. The left sidebar displays the 'Selected sources' panel with a search bar and a list of data sources under 'supermarket_sales_sheet1.csv'. The sources include 'Navigation paths', 'Invoice ID', 'Branch', 'City', 'Customer type', 'Gender', 'Product line', 'Unit price', 'Quantity', 'Tax 5%', 'Total', and 'Date'. The main workspace is titled 'Tab 1' and contains a large empty grid area for visualization.

This screenshot shows the IBM Cognos Analytics interface with the 'Visualizations' panel open on the left. The 'System' tab is selected, showing various chart types: Area, Bar, Box plot, Bubble, Bullet, Column, Crosstab, Data player, Decision tree, Driver analysis, Drop-down list, and Filter dropdown. The main workspace is titled 'Tab 1' and displays a horizontal bar chart with five bars of varying lengths. The right sidebar shows the 'Bars' configuration panel with fields for '# Length*', '# y-start', 'Target', 'Color', and 'Repeat (column)', each with a 'Click or drag data here' prompt.

Step 5: Create Visualization Charts And Save it. Present the Data Sets.



Some Data Visualizations Sets:

