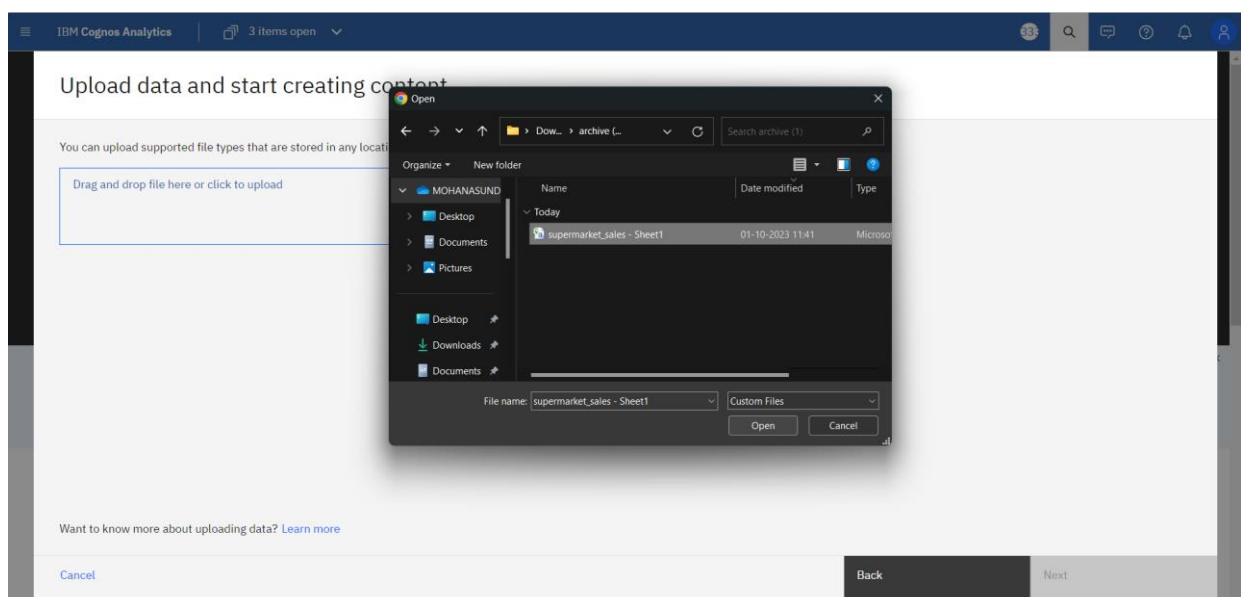
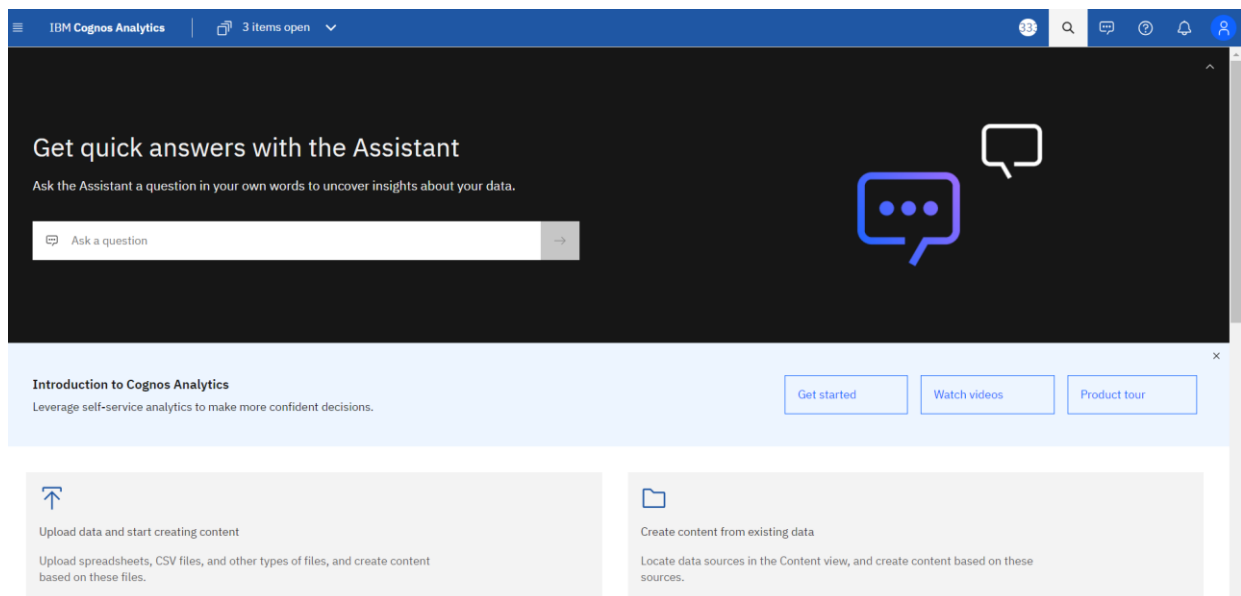


# SUPER MARKET SALES ANALYSIS VISUALIZATION

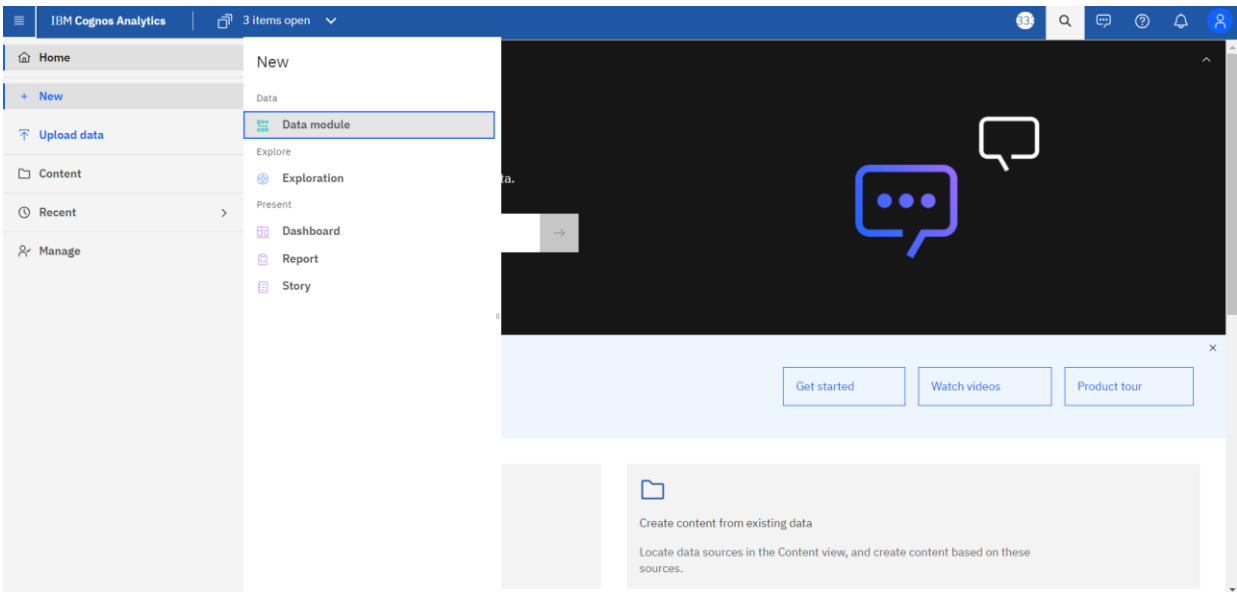
NAME: MOHANA SUNDHARAM M

**Upload the dataset, delete unnecessary column and create data module:**

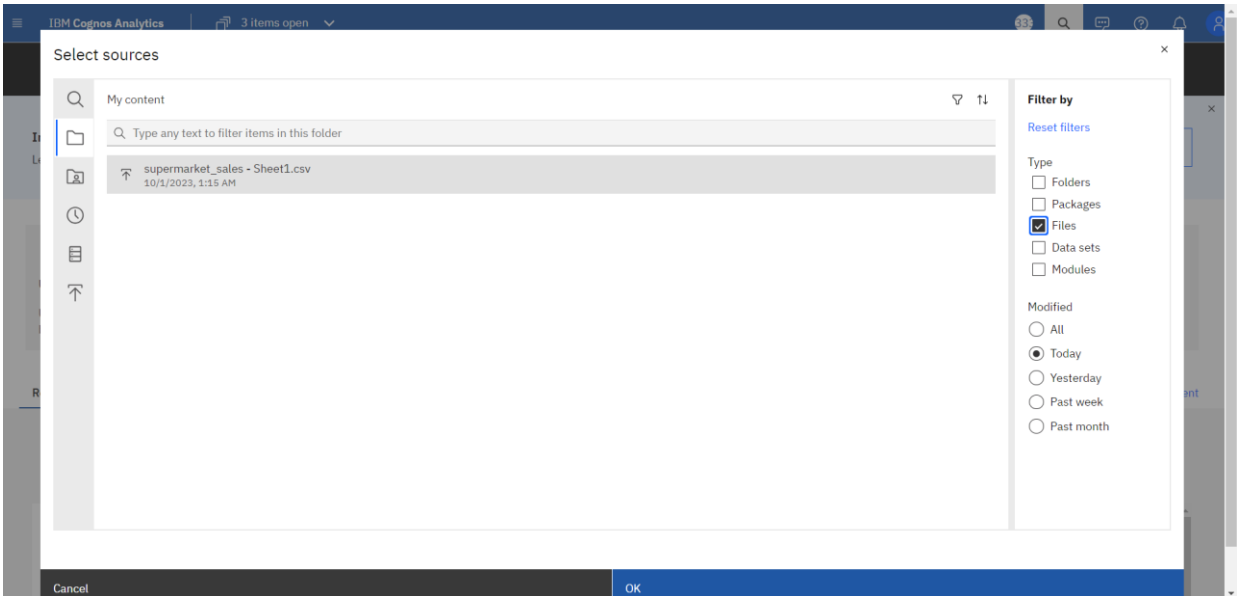
**Step1:** Upload the data (CSV file) in the Cognos.



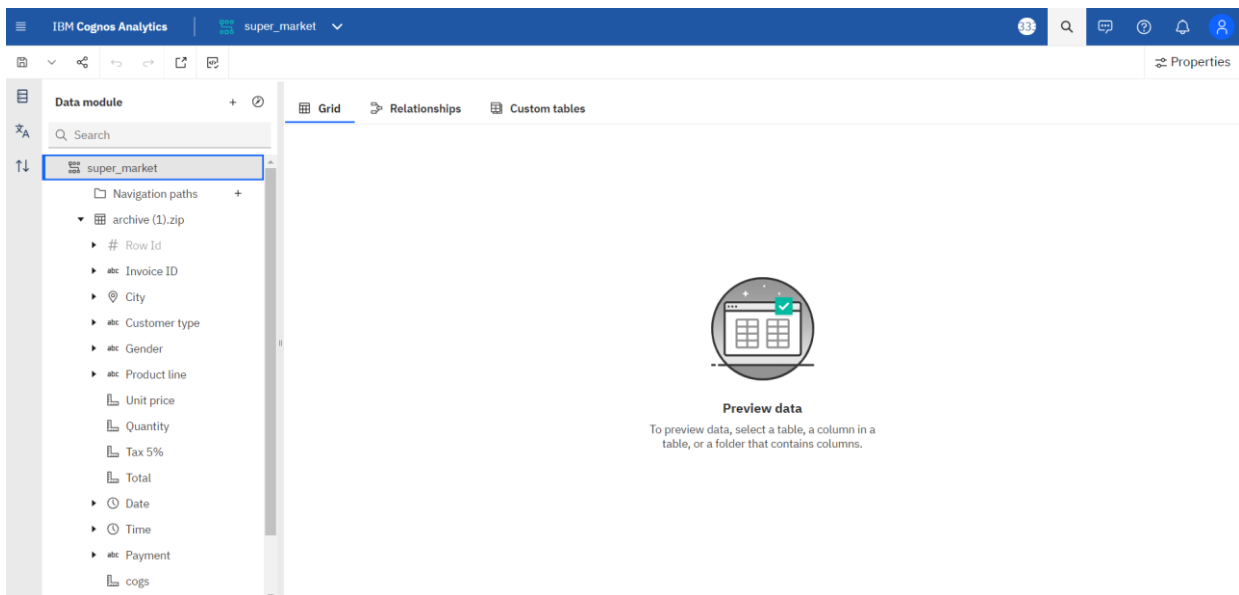
**Step2:** Create Data module.



**Step3:** 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.

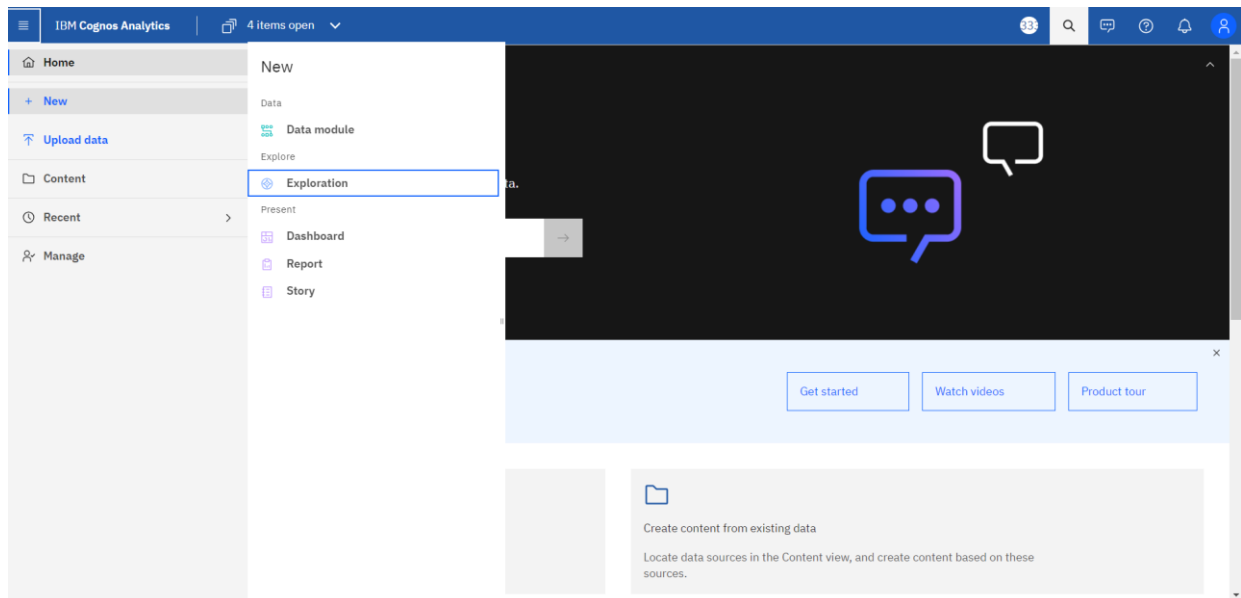


The screenshot shows the IBM Cognos Analytics interface with the 'smart\_market' data module. The 'Grid' tab is selected, and a data table is displayed. The 'Branch' column is selected, and a context menu is open over it, showing options like 'Filter...', 'Create data group...', 'Create navigation path...', 'Split...', 'Hide from users', 'Remove', 'Format data...', 'Clean...', 'Sort descending', 'Sort ascending', and 'Properties'.

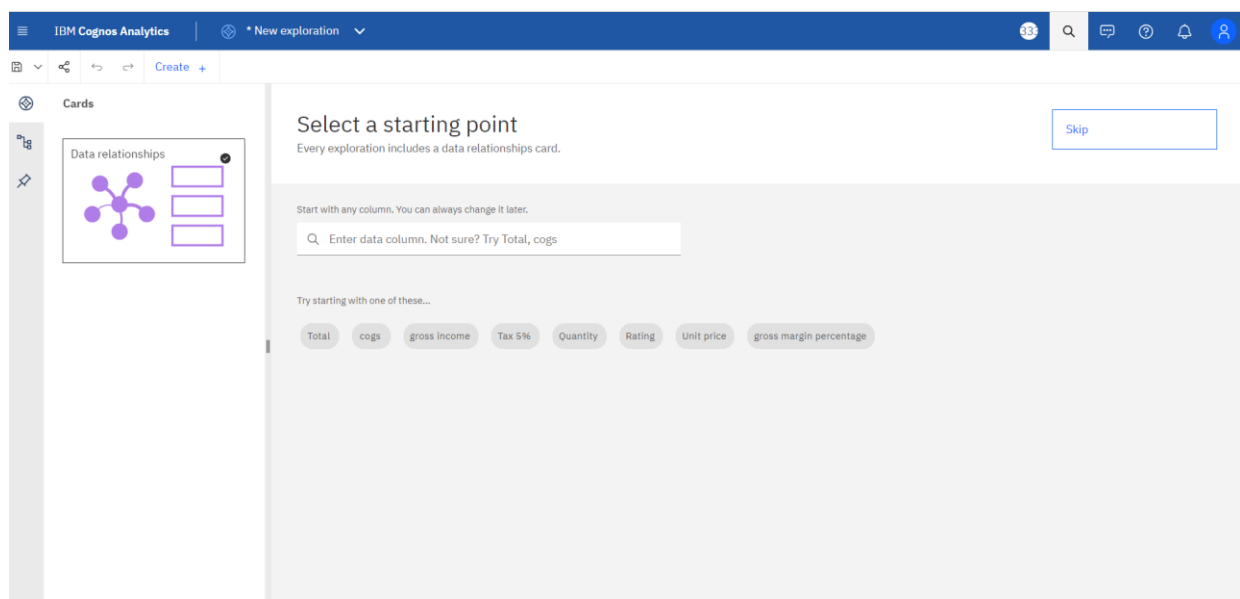
Row Id	Invoice ID	Branch	City	Customer type	Gender	Product line
1	750-67-8428	A		Member	Female	Health and beauty
2	226-31-3081	C		Normal	Female	Electronic accessories
3	631-41-3108	A		Normal	Male	Home and lifestyle
4	123-19-1176	A		Member	Male	Health and beauty
5	373-73-7910	A		Normal	Male	Sports and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

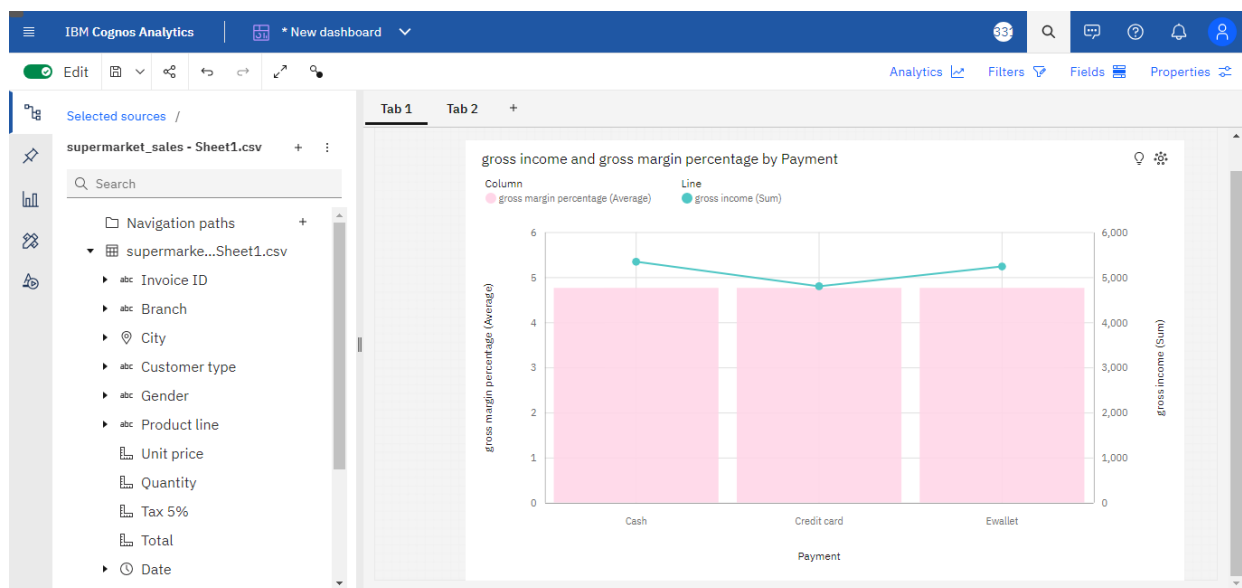
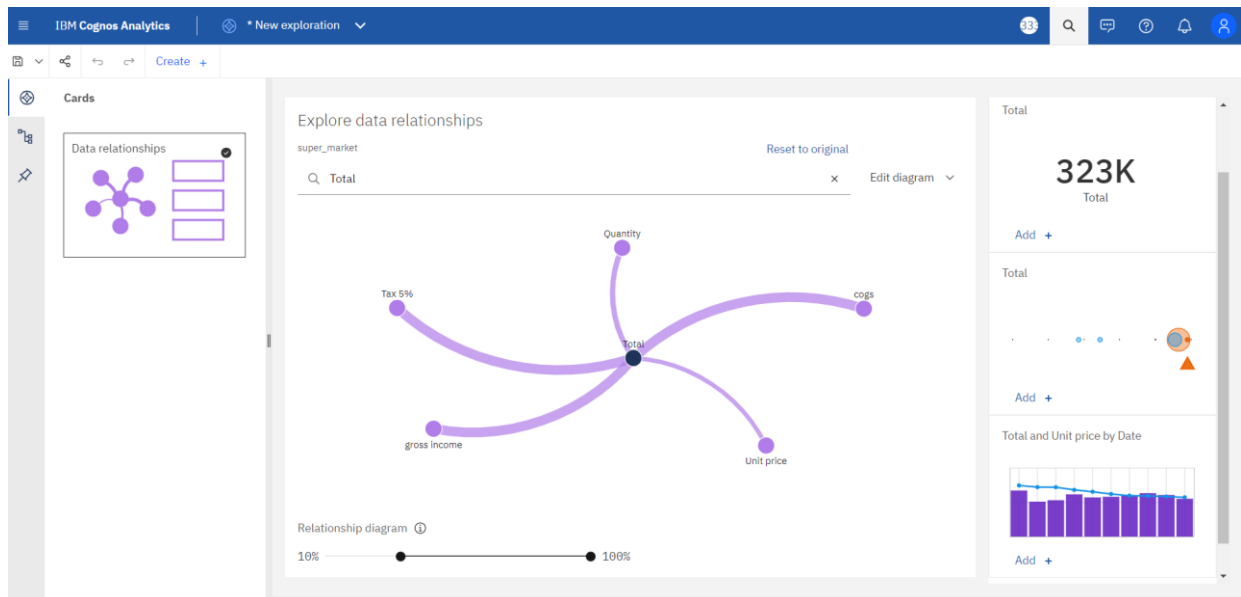
## Explore the dataset:

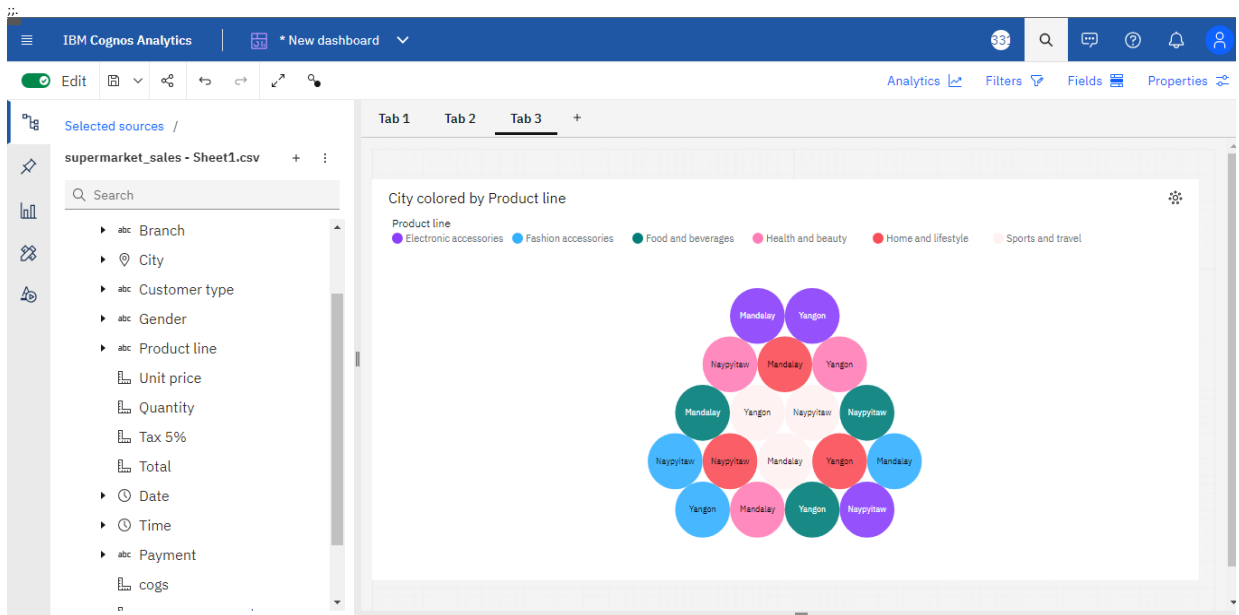
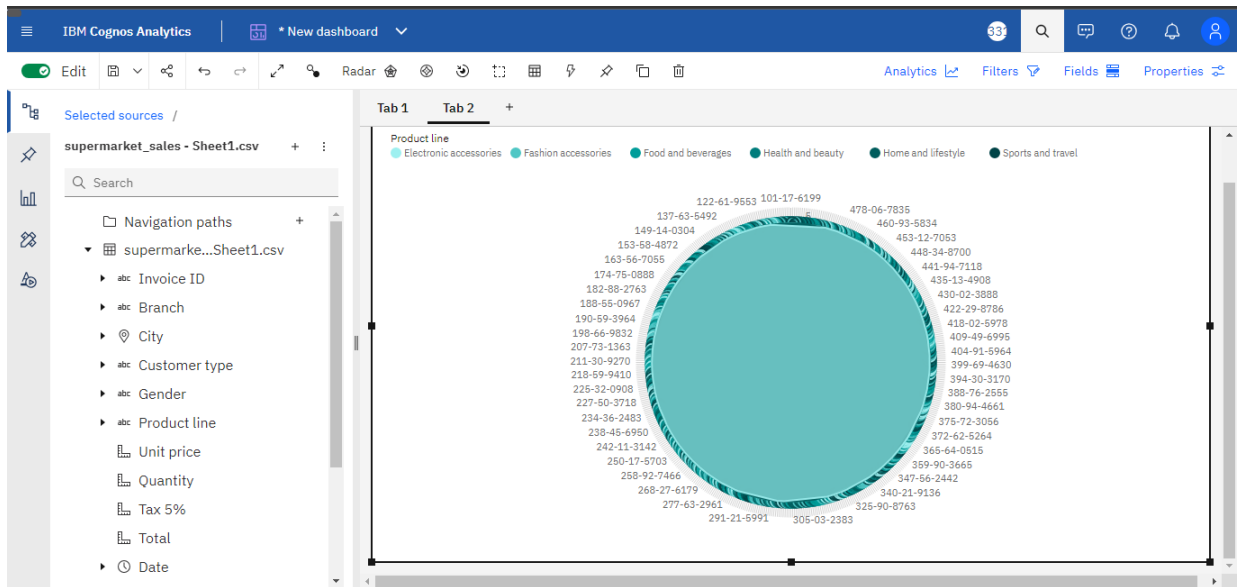
**Step1:** Select the Exploration.



**Step2:** Explore the dataset.

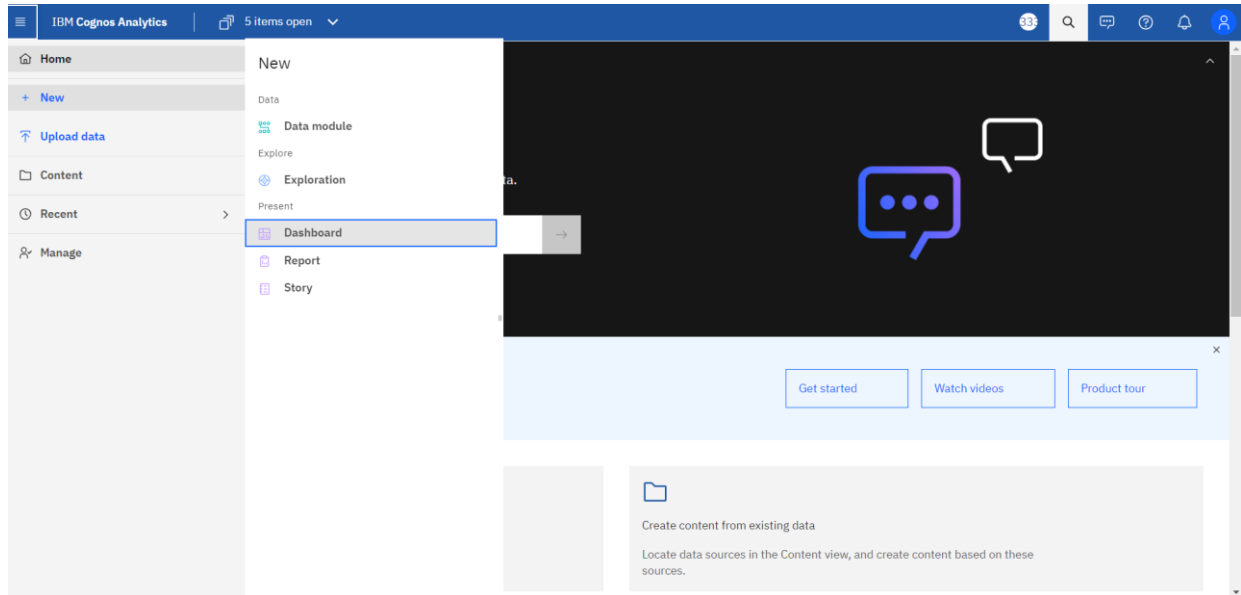




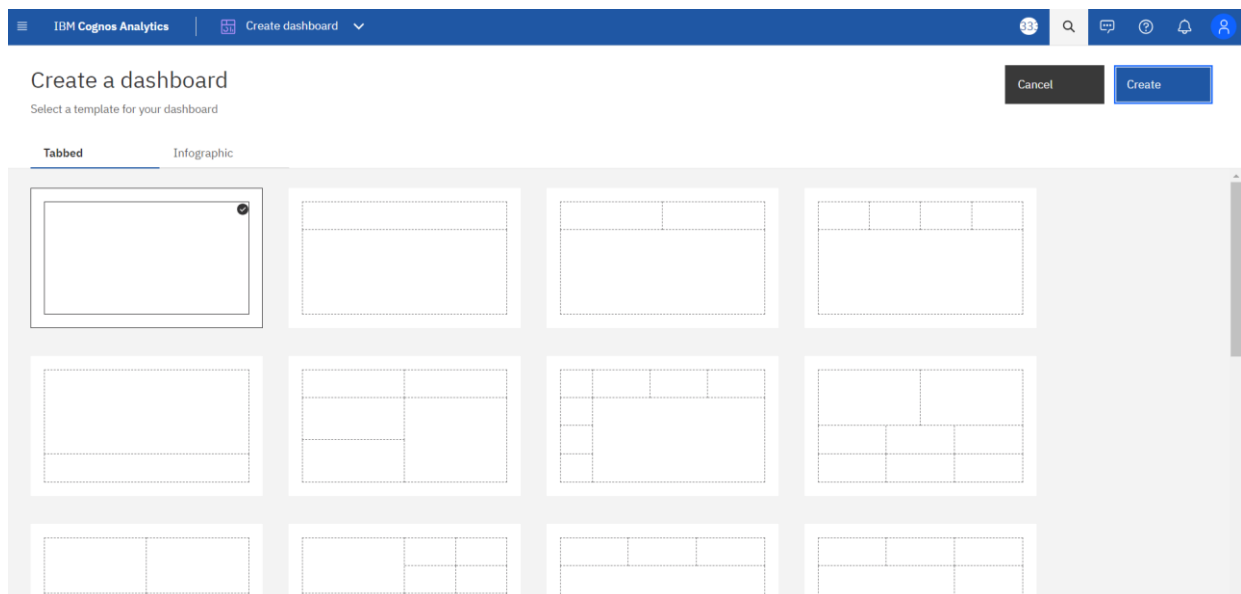


## Visualize the Dataset:

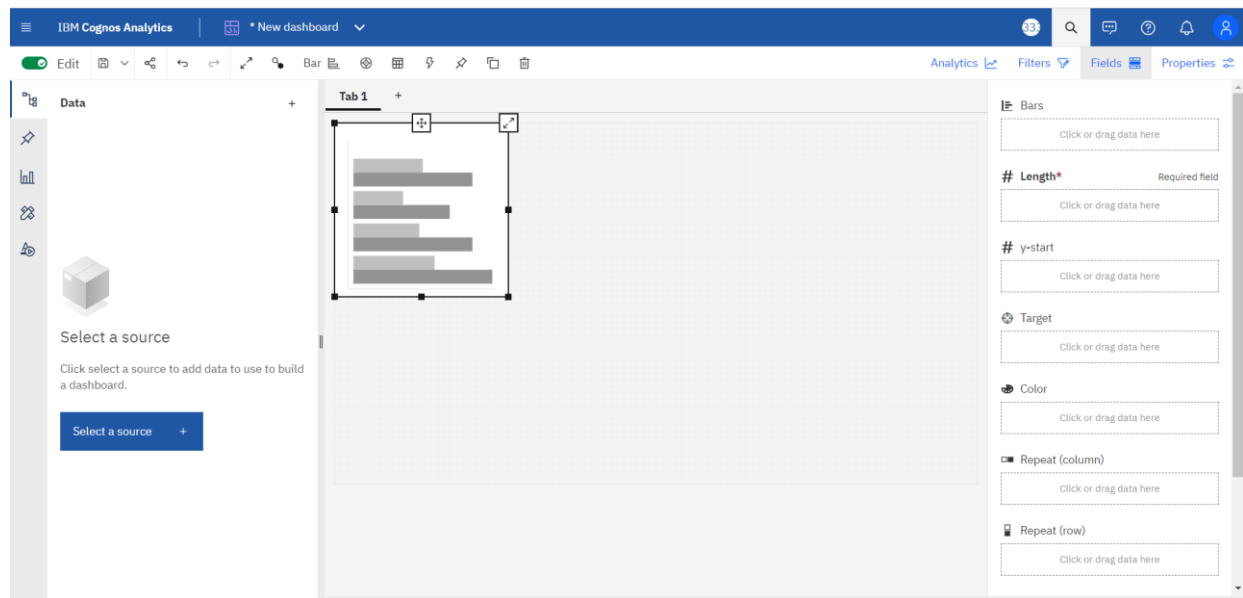
### Step 1: Create the Dashboard.



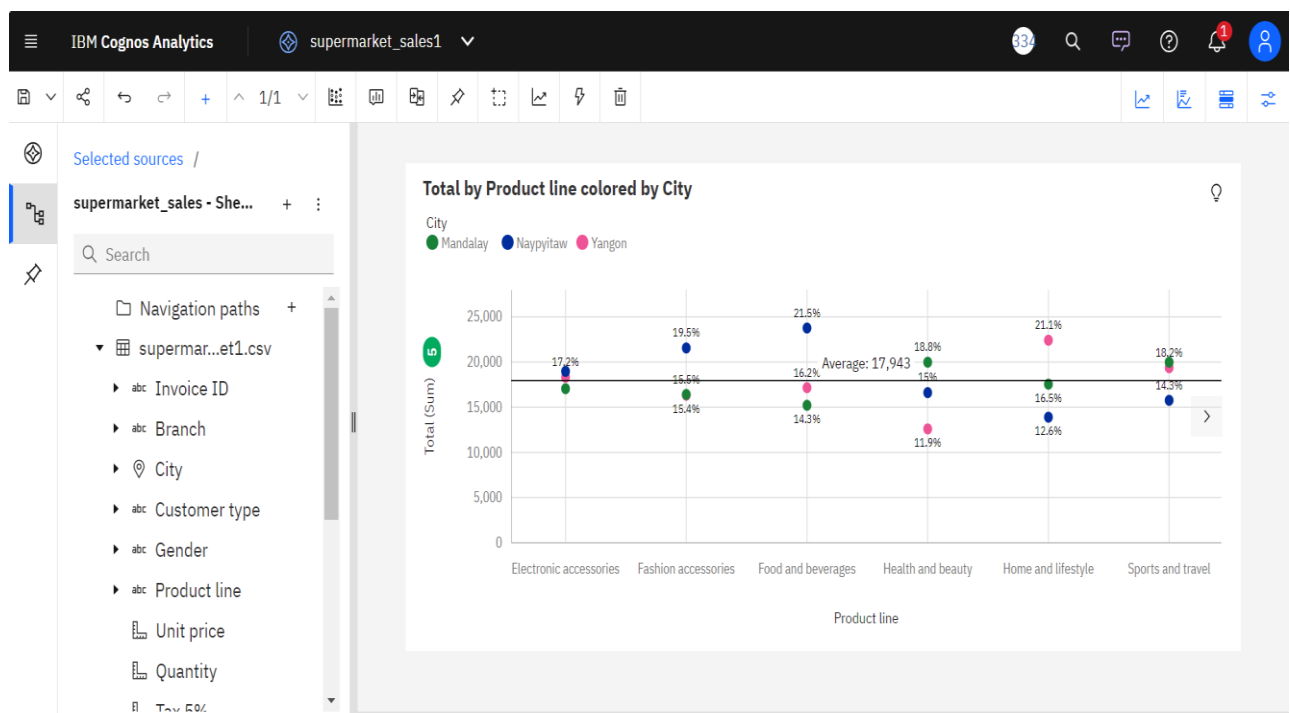
### Step2: Create Template for the Dashboard.



### Step3: Choose Visualization type.



### Step 4: Create Visualization Charts and Save it. Present the Data Sets.





The screenshot displays the IBM Cognos Analytics interface. On the left, a sidebar shows the 'Selected sources' as 'supermarket\_sales - Sheet1.csv'. Below this, a list of fields is visible: 'Unit price', 'Quantity', 'Tax 5%', 'Total', 'Date', 'Time', 'Payment', 'cogs', 'gross marg...ercentage', 'gross income', and 'Rating'. The main area features a bar chart titled 'gross income by City colored by Payment'. The chart's y-axis is labeled 'gross income (Sum)' and ranges from 0 to 2,000. The x-axis is labeled 'City' and lists 'Mandalay', 'Naypyitaw', and 'Yangon'. The bars are colored by 'Payment' type: Cash (orange), Credit card (teal), and Ewallet (dark blue). The chart shows that in Mandalay, Cash is the highest payment method, while in Yangon, Ewallet is the highest.

City	Cash	Credit card	Ewallet
Mandalay	1650	1750	1550
Naypyitaw	2000	1450	1750
Yangon	1600	1550	1850

