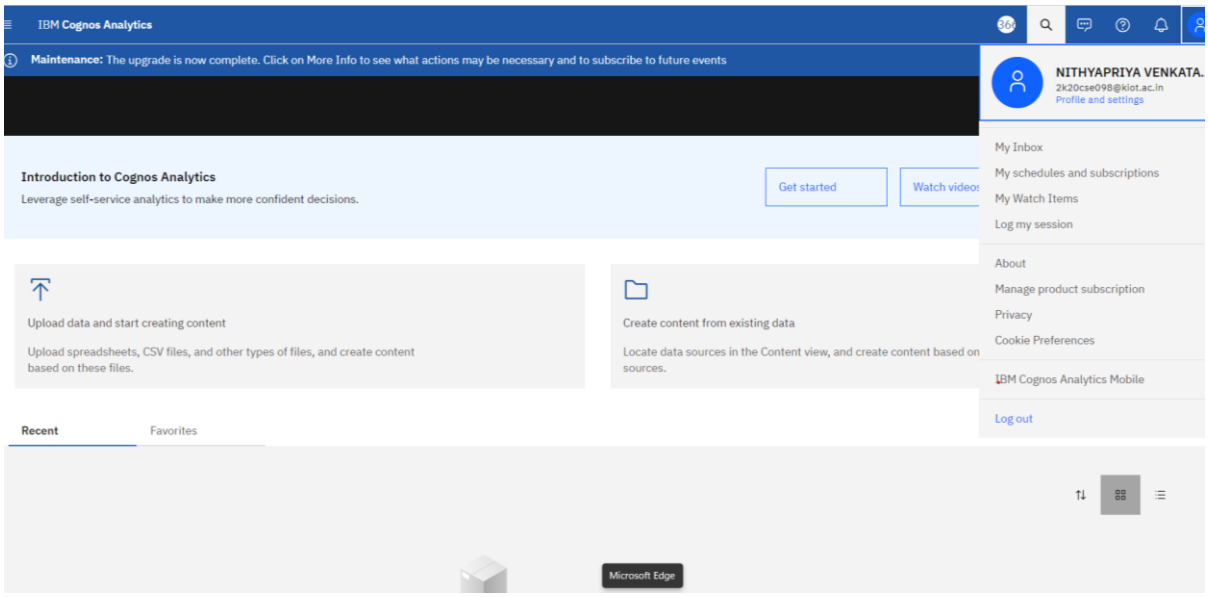
SUPER MARKET SALES ANALYSIS VISUALIZATION

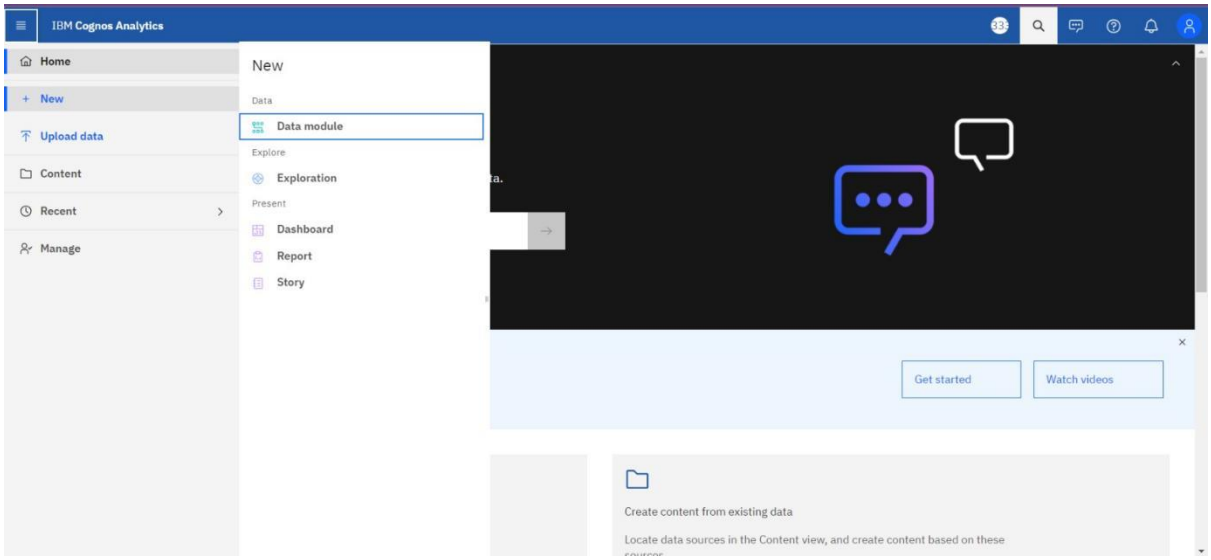
NAME: NITHYAPRIYA V

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

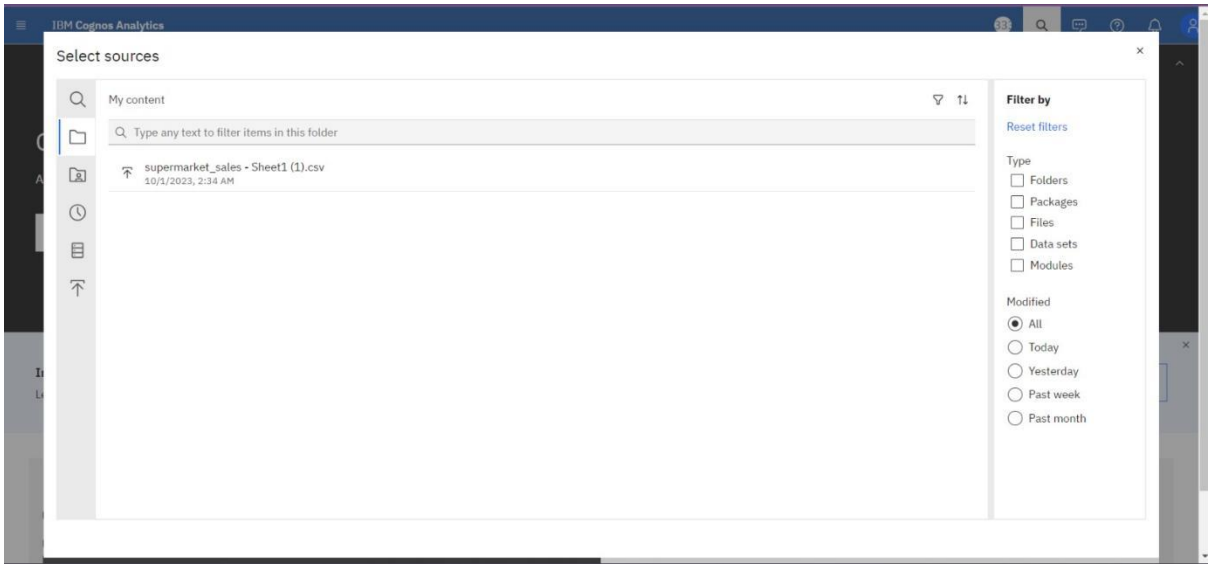
Step 1: Upload the Data(CSV file) in the Cognos



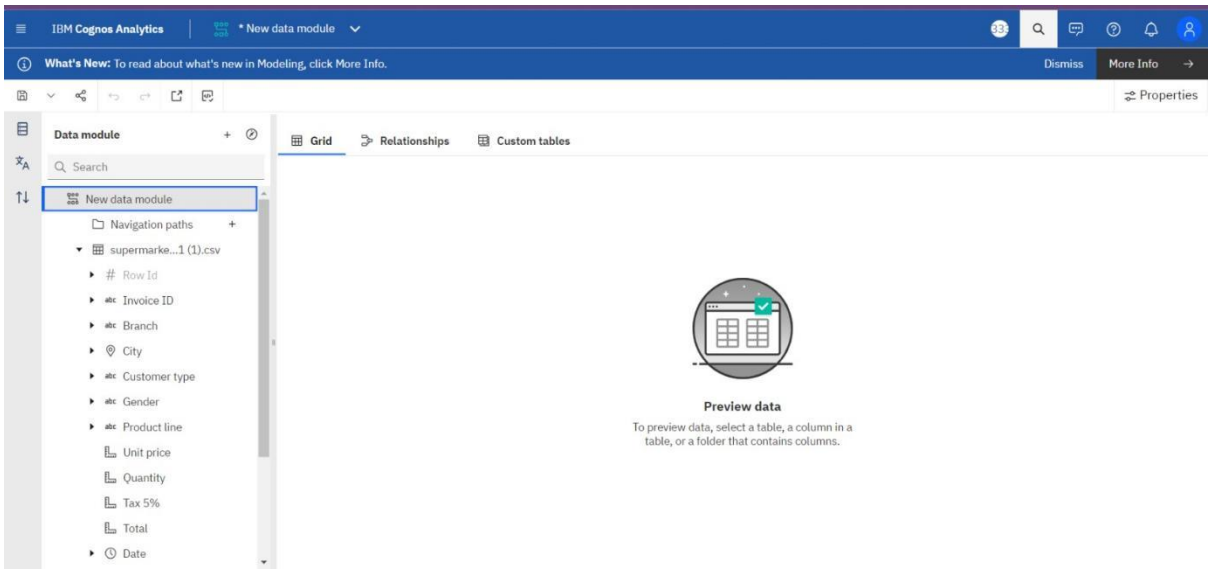
Step 2: Create Data Module.

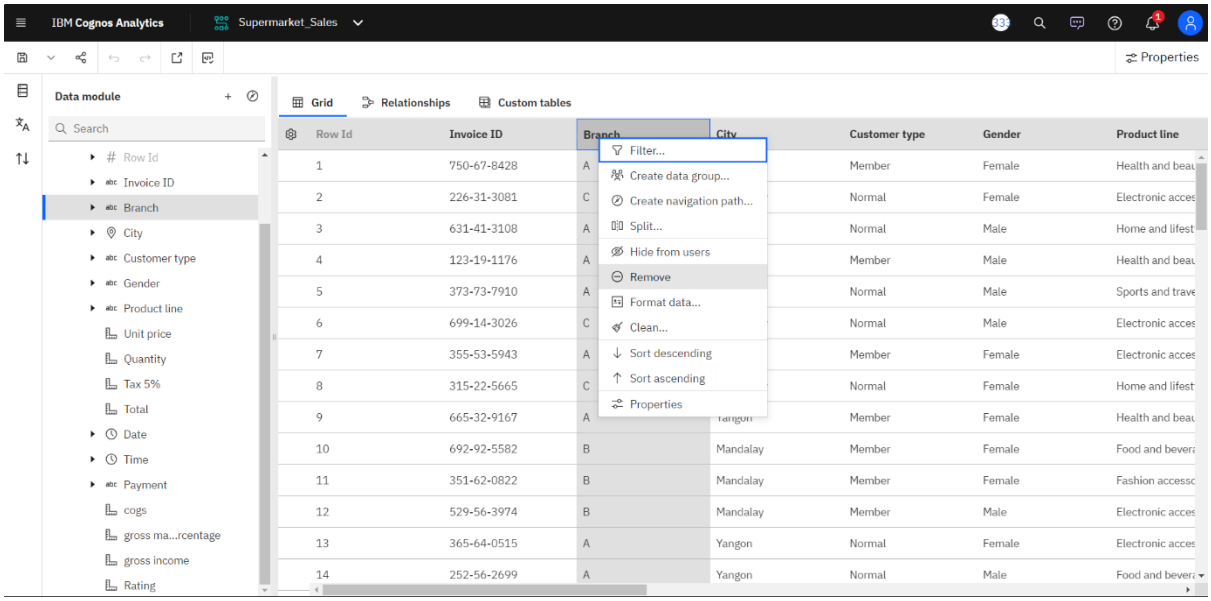


Step 3 : Select the source CSV file.



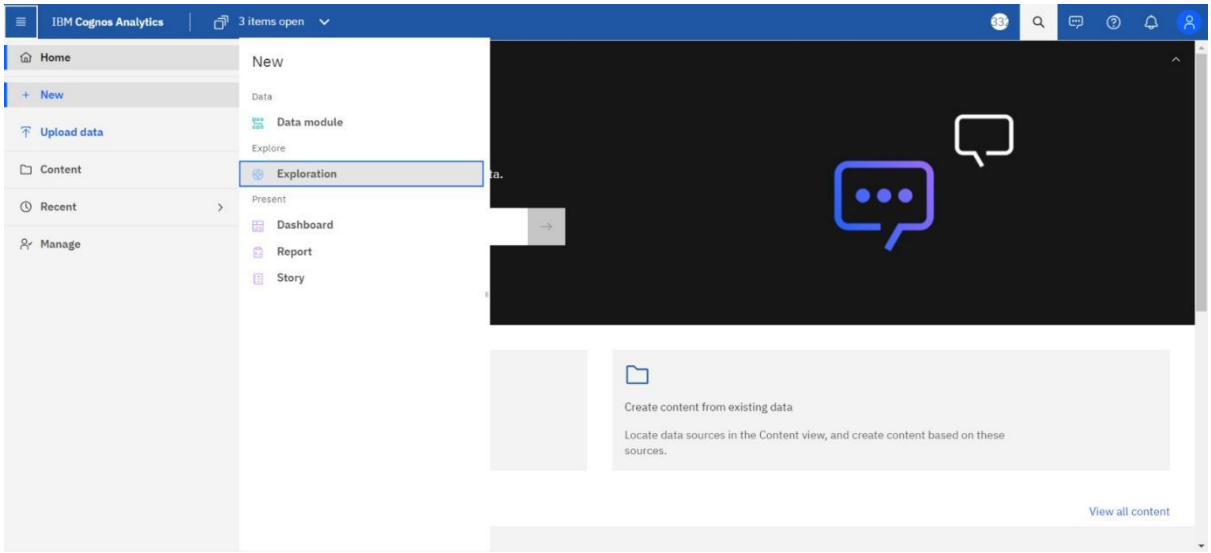
Step 4 : After uploading, grid displays the table value of the CSV file. In that we able to delete or remove the unnecessary values.



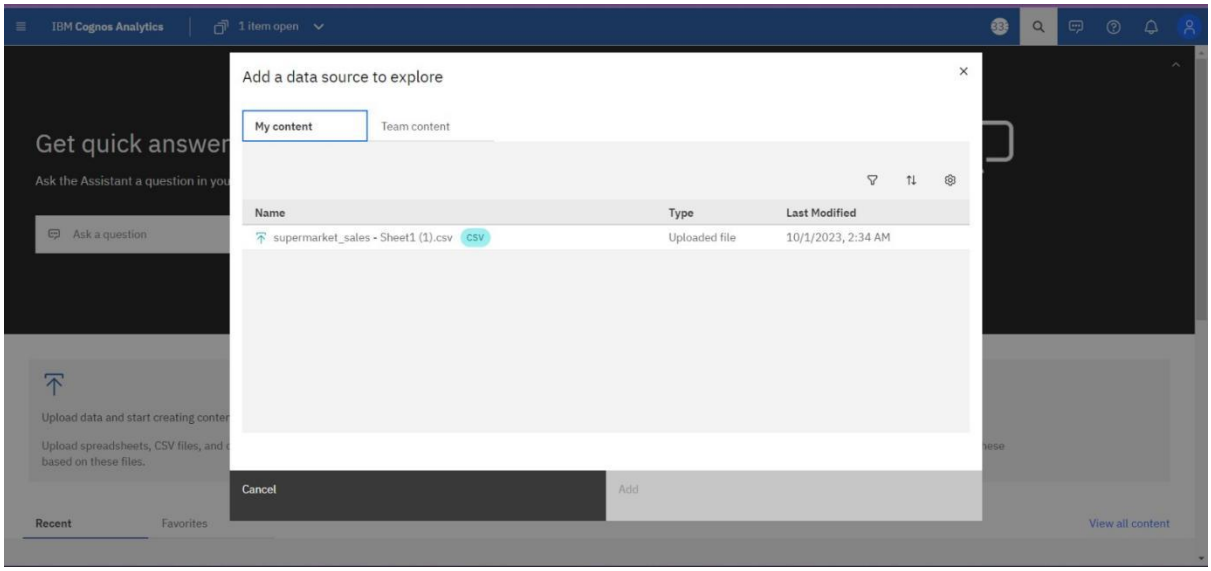


TASK 2: Explore the dataset.

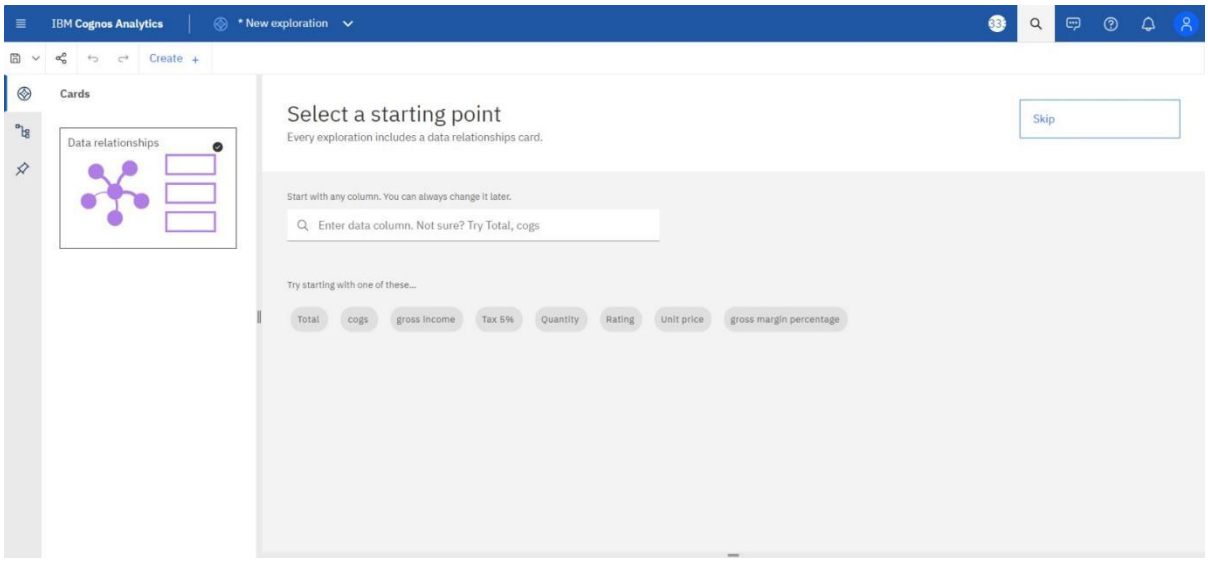
Step 1: Select the Exploration.

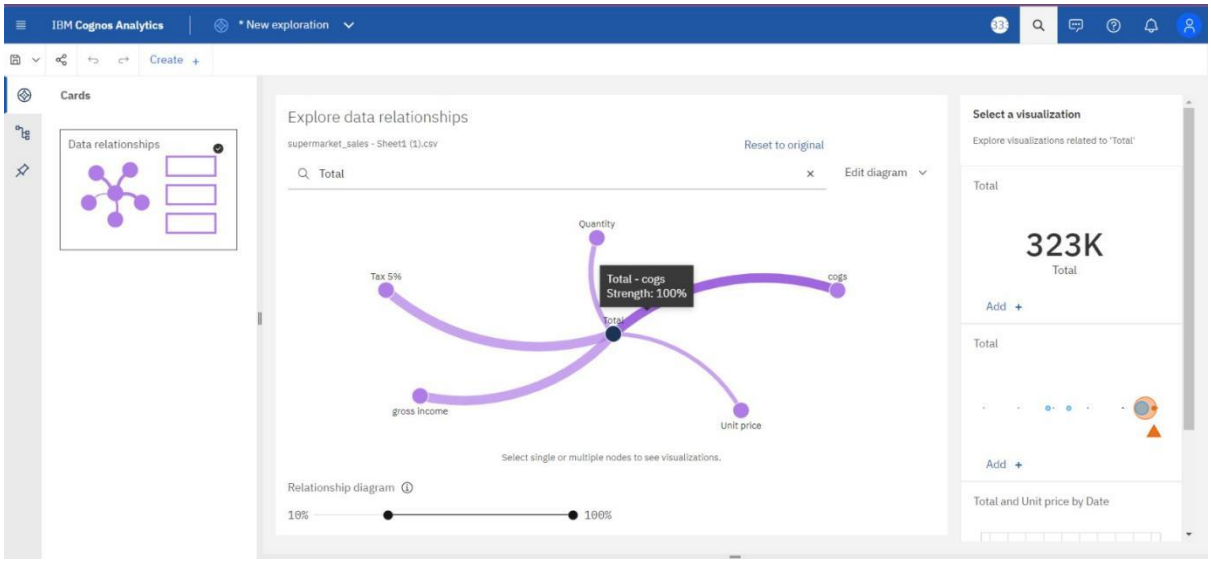


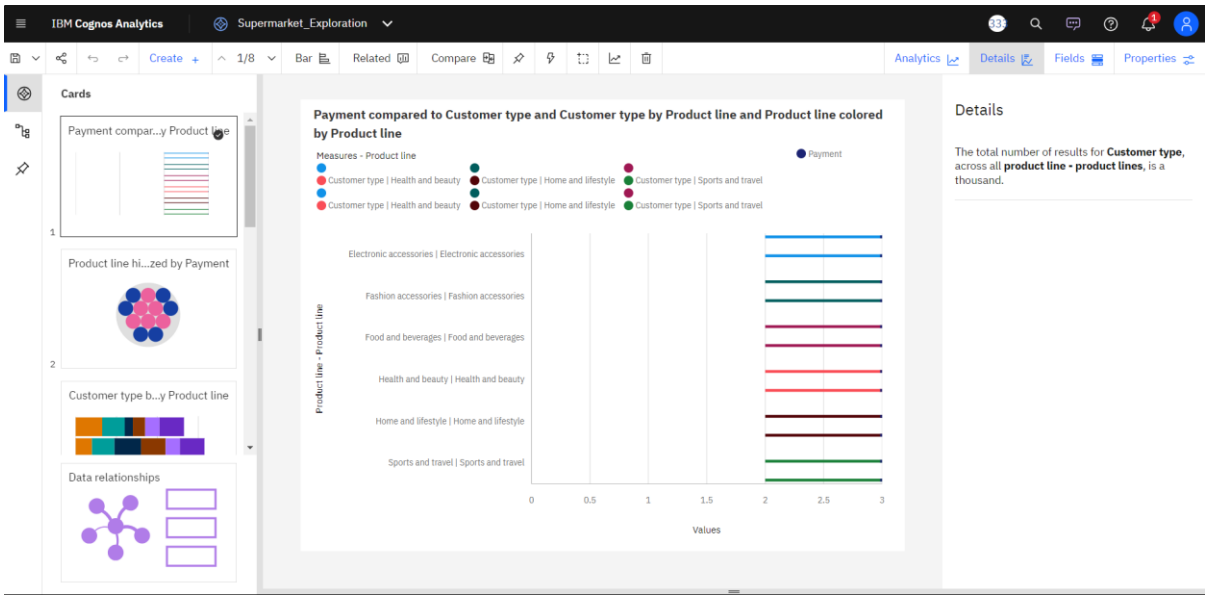
Step 2: Select the dataset to explore.



Step 3: Explore the dataset.

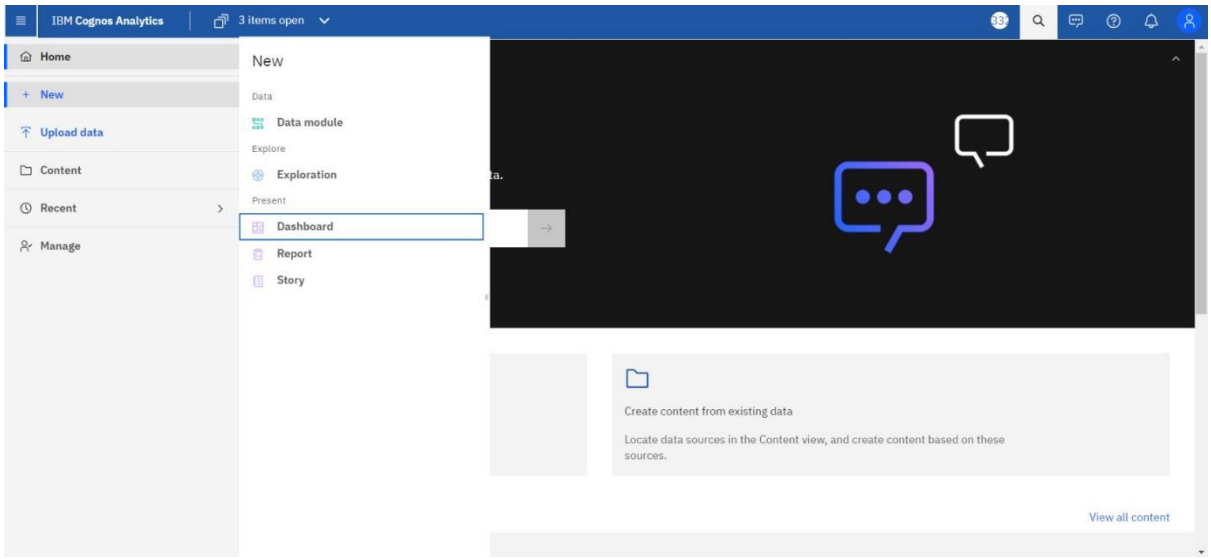



IBM Cognos Analytics
* New exploration
Create
Cards
Data relationships
Explore data relationships
supermarket_sales - Sheet1 (1).csv
Reset to original
Total
Edit diagram
Quantity
Tax 5%
cogs
Total - cogs
Strength: 100%
Total
gross income
Unit price
Select single or multiple nodes to see visualizations.
Relationship diagram
10%
100%
Select a visualization
Explore visualizations related to 'Total'
Total
323K
Total
Add
Total
Add
Total and Unit price by Date

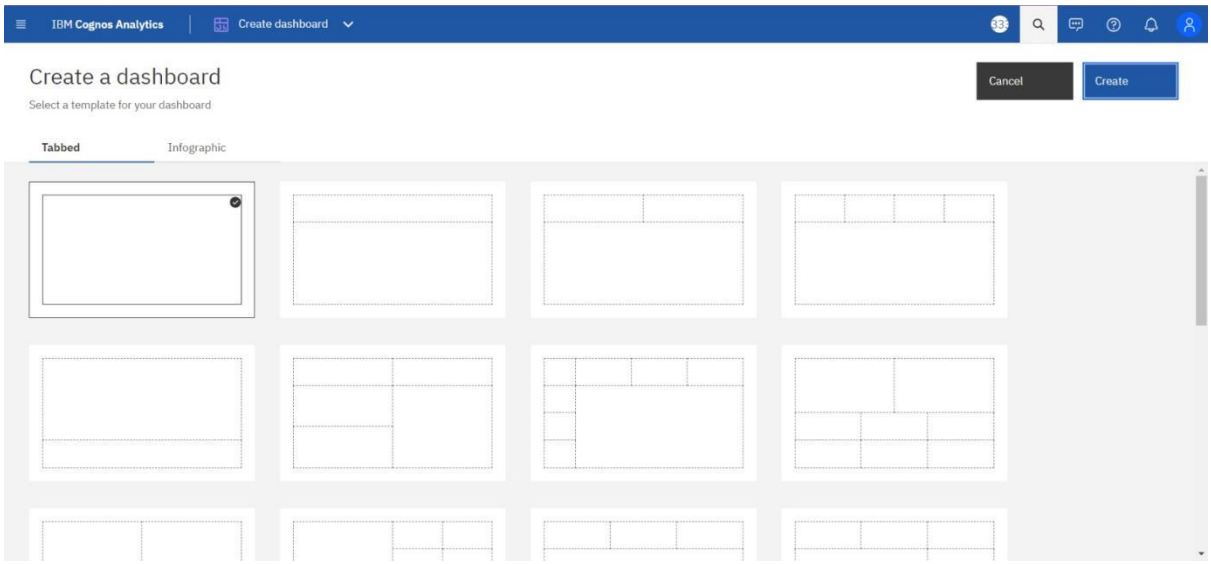

IBM Cognos Analytics
Supermarket_Exploration
Create
1/8
Bar
Related
Compare
Analytics
Details
Fields
Properties
Cards
Payment compar...y Product line
Product line hi...zed by Payment
Customer type b...y Product line
Data relationships
Payment compared to Customer type and Customer type by Product line and Product line colored by Product line
Measures - Product line
Payment
Customer type | Health and beauty
Customer type | Home and lifestyle
Customer type | Sports and travel
Electronic accessories | Electronic accessories
Fashion accessories | Fashion accessories
Food and beverages | Food and beverages
Health and beauty | Health and beauty
Home and lifestyle | Home and lifestyle
Sports and travel | Sports and travel
Product line - Product line
0
0.5
1
1.5
2
2.5
3
Values
Details
The total number of results for Customer type, across all product line - product lines, is a thousand.

TASK 3: Visualize the Data Set.

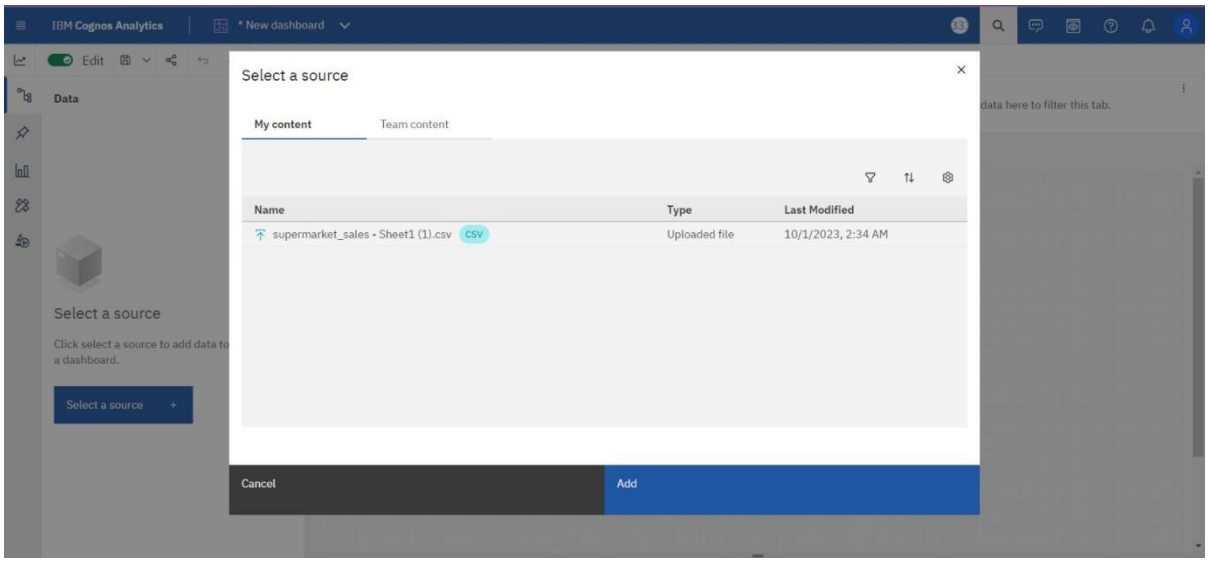
Step 1: Create the Dash Board.



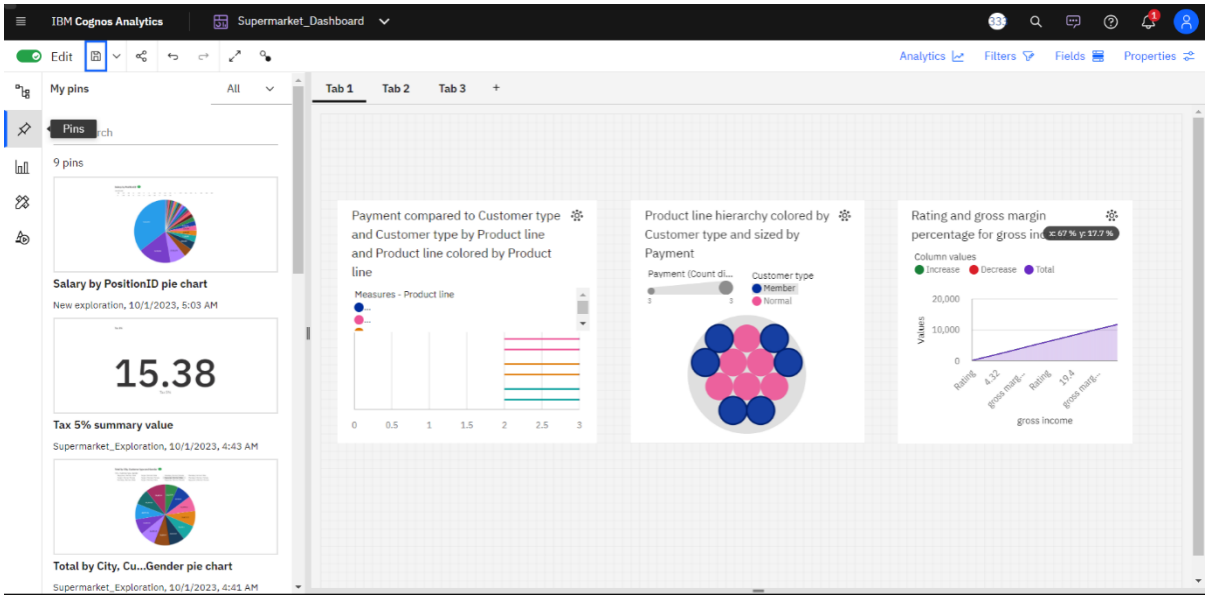
Step 2: Create Template for the Dash Board.

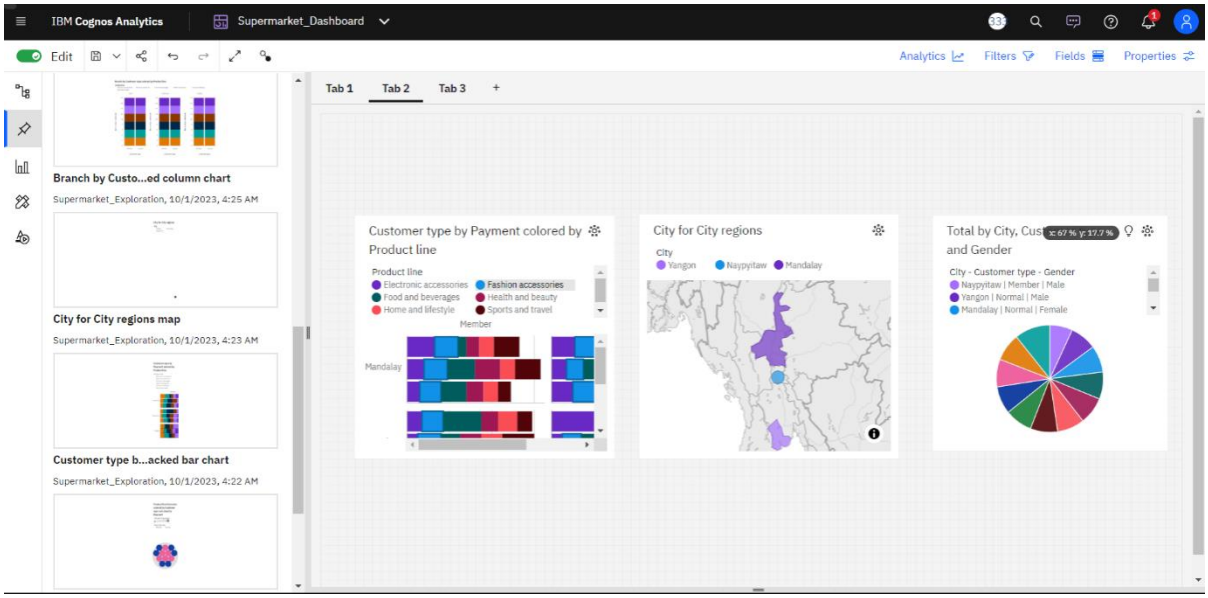


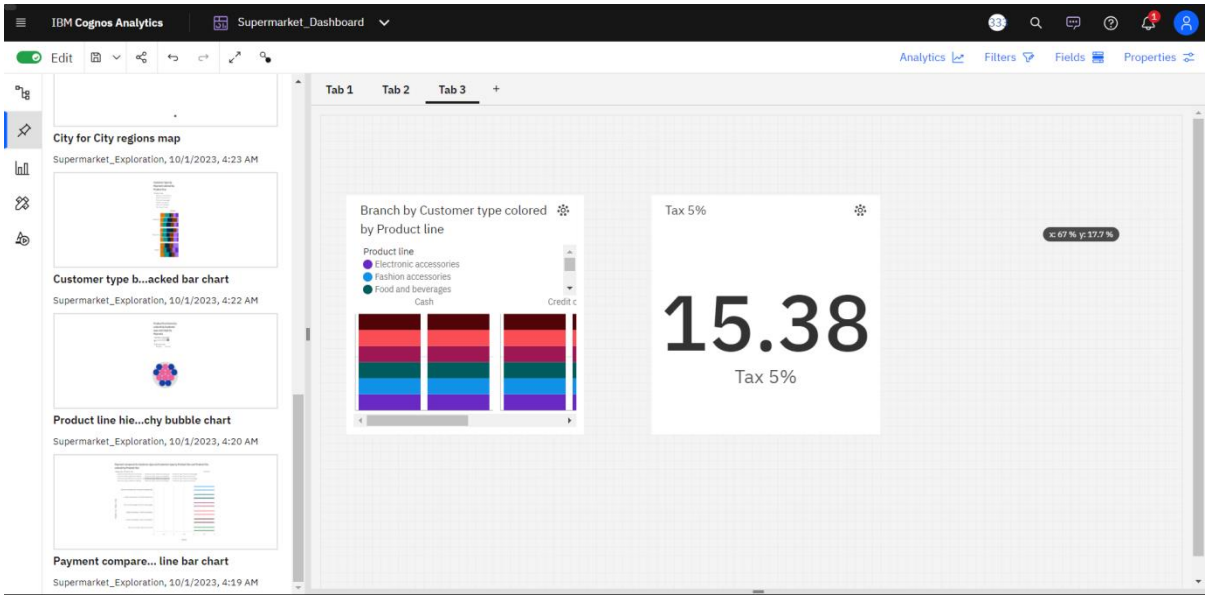
Step 3: Select source file.



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




IBM Cognos Analytics
Supermarket_Dashboard
Edit
Analytics
Filters
Fields
Properties
Tab 1
Tab 2
Tab 3
Branch by Custo...ed column chart
Supermarket_Exploration, 10/1/2023, 4:25 AM
City for City regions map
Supermarket_Exploration, 10/1/2023, 4:23 AM
Customer type b...acked bar chart
Supermarket_Exploration, 10/1/2023, 4:22 AM
Customer type by Payment colored by Product line
Product line
Electronic accessories
Fashion accessories
Food and beverages
Health and beauty
Home and lifestyle
Sports and travel
Member
Mandalay
City for City regions
City
Yangon
Naypyitaw
Mandalay
Total by City, Cus
and Gender
City - Customer type - Gender
Naypyitaw | Member | Male
Yangon | Normal | Male
Mandalay | Normal | Female


IBM Cognos Analytics
Supermarket_Dashboard
Edit
Analytics
Filters
Fields
Properties
Tab 1
Tab 2
Tab 3
City for City regions map
Supermarket_Exploration, 10/1/2023, 4:23 AM
Customer type b...acked bar chart
Supermarket_Exploration, 10/1/2023, 4:22 AM
Product line hie...chy bubble chart
Supermarket_Exploration, 10/1/2023, 4:20 AM
Payment compare... line bar chart
Supermarket_Exploration, 10/1/2023, 4:19 AM
Branch by Customer type colored by Product line
Product line
Electronic accessories
Fashion accessories
Food and beverages
Cash
Tax 5%
15.38
Tax 5%