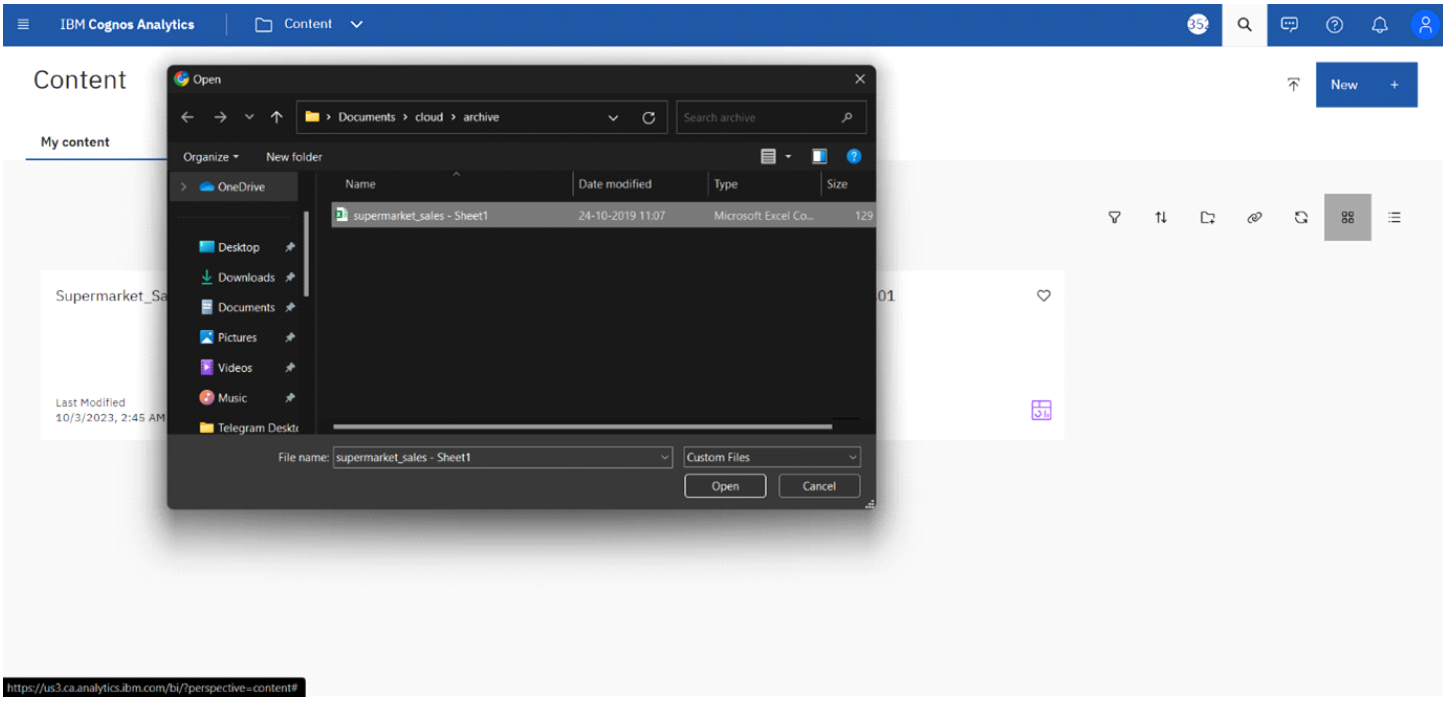
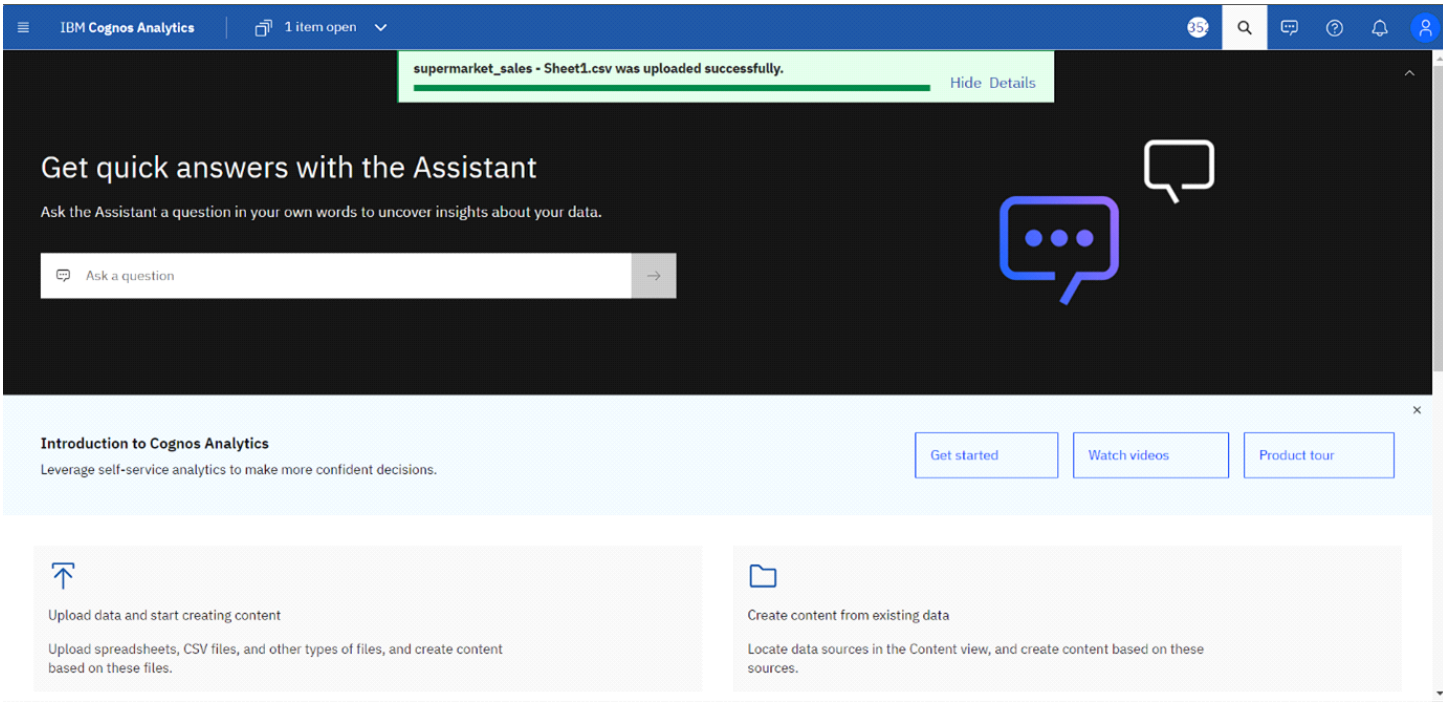
SUPER MARKET SALES ANALYSIS VISUALIZATION

NAME : PRAVEEN KUMAR N

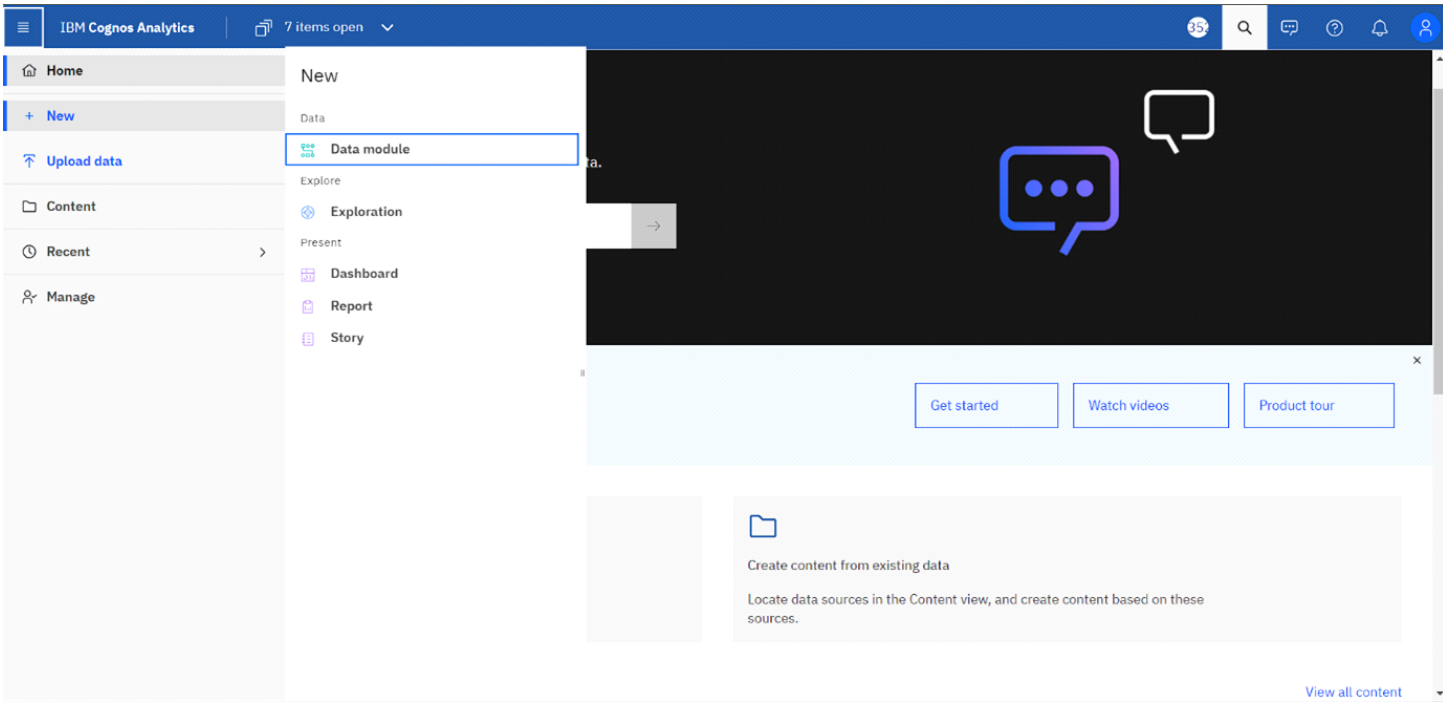
Upload the dataset, delete unnecessary column and create data module :

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

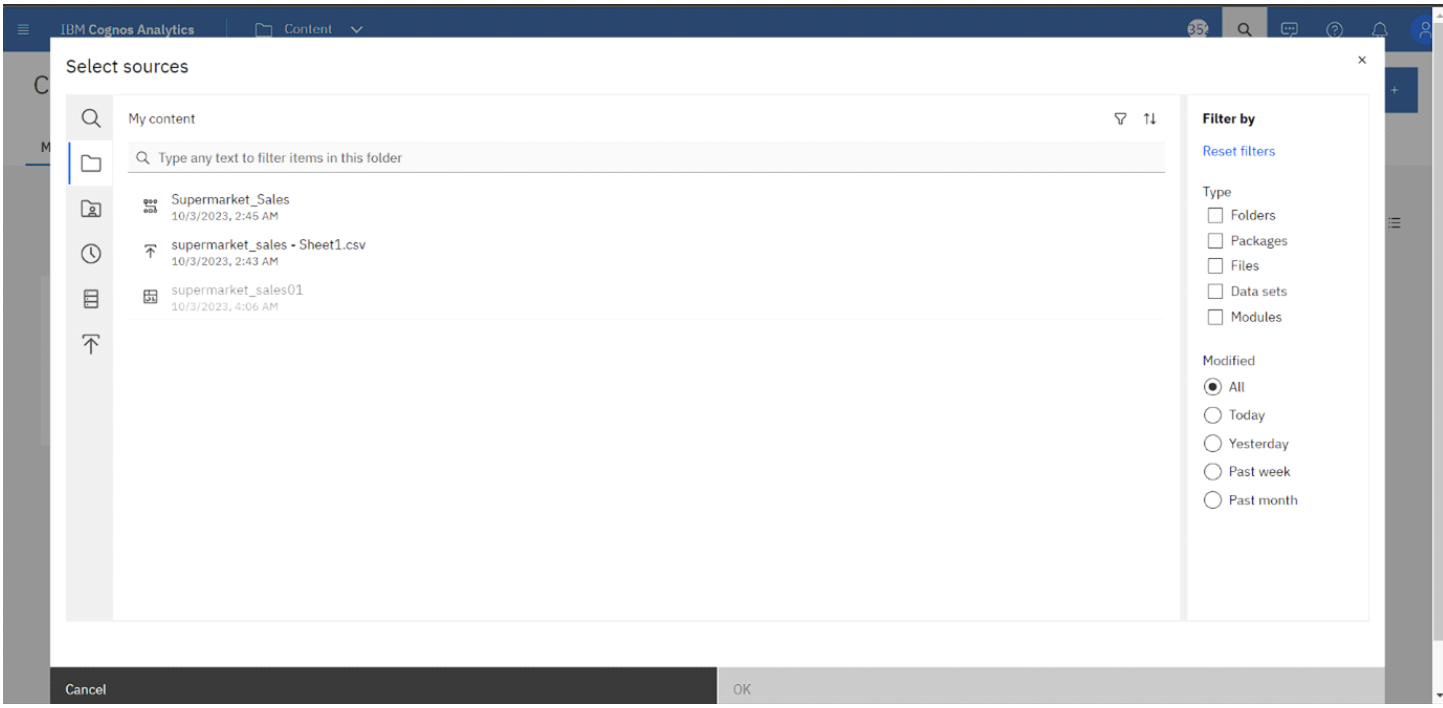




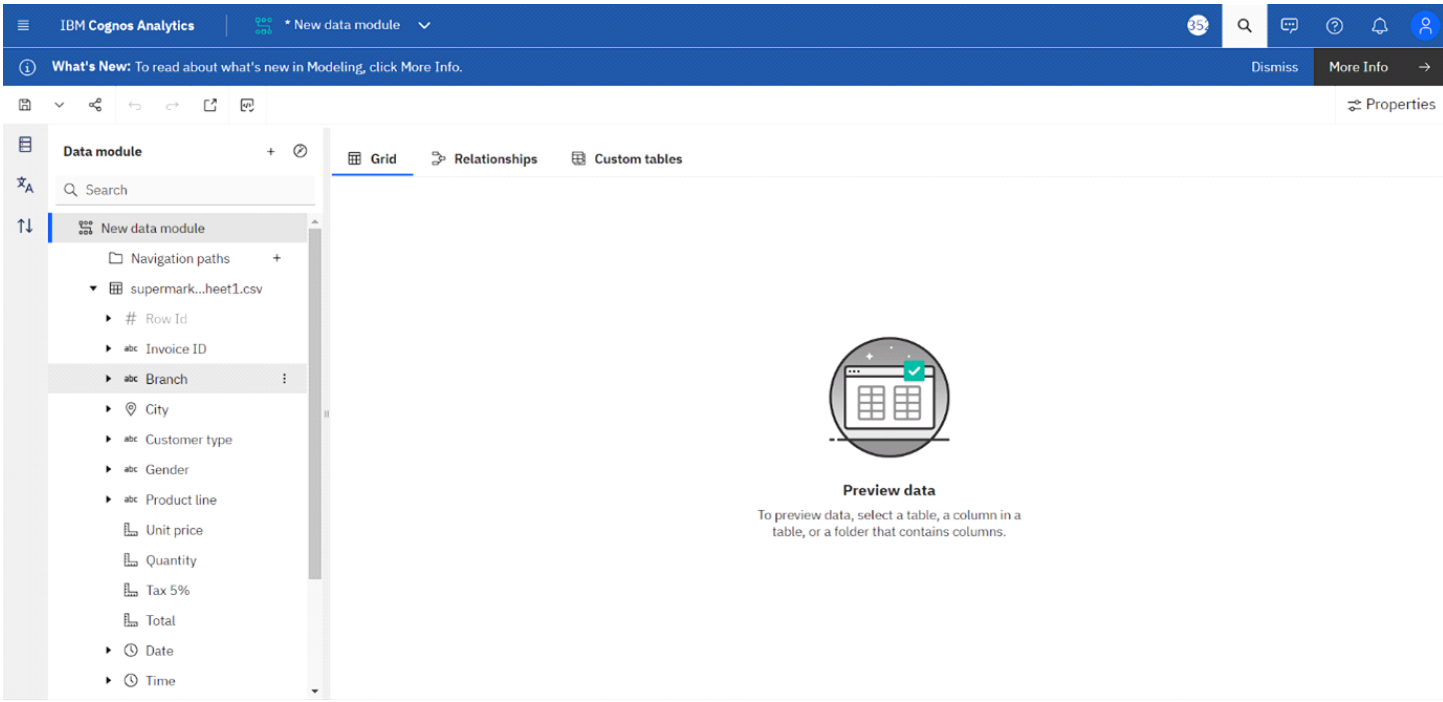
Step-2: Create Data module.

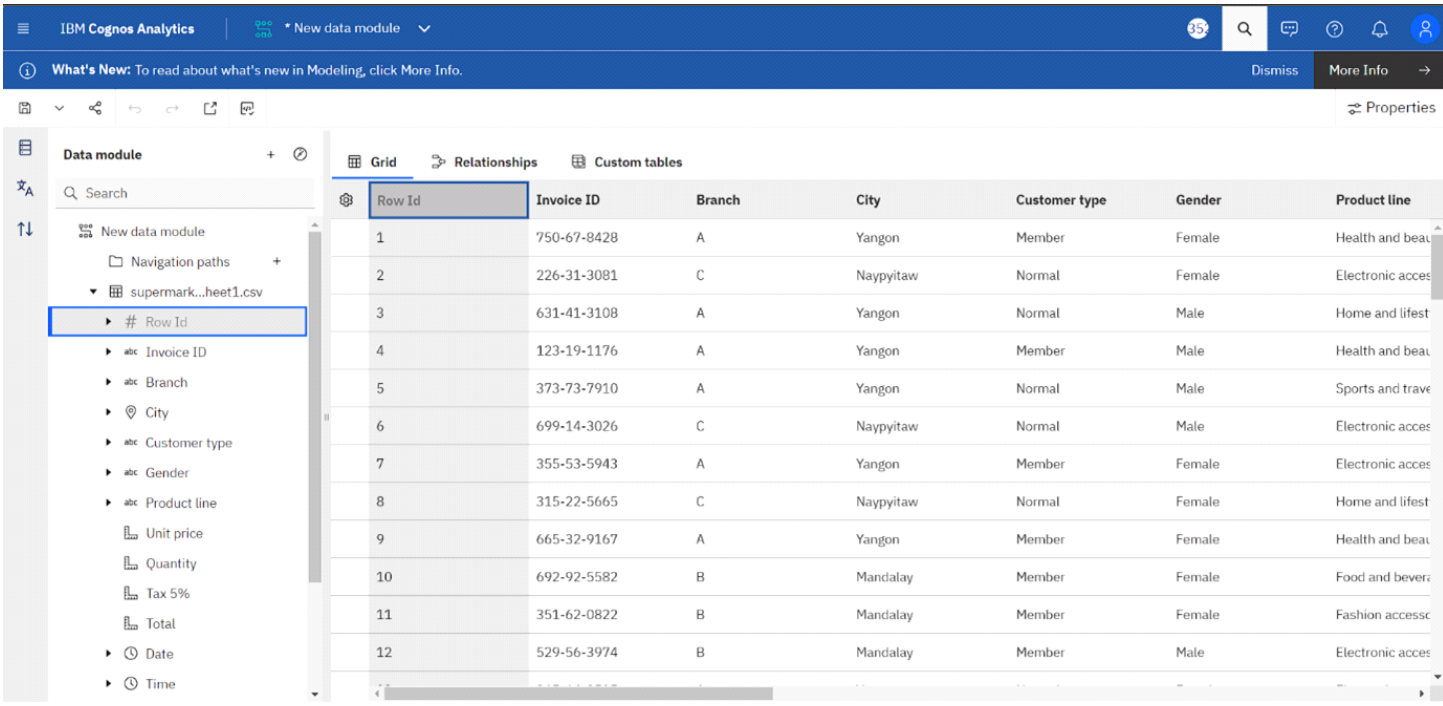


Step-3: Select the source CSV file.



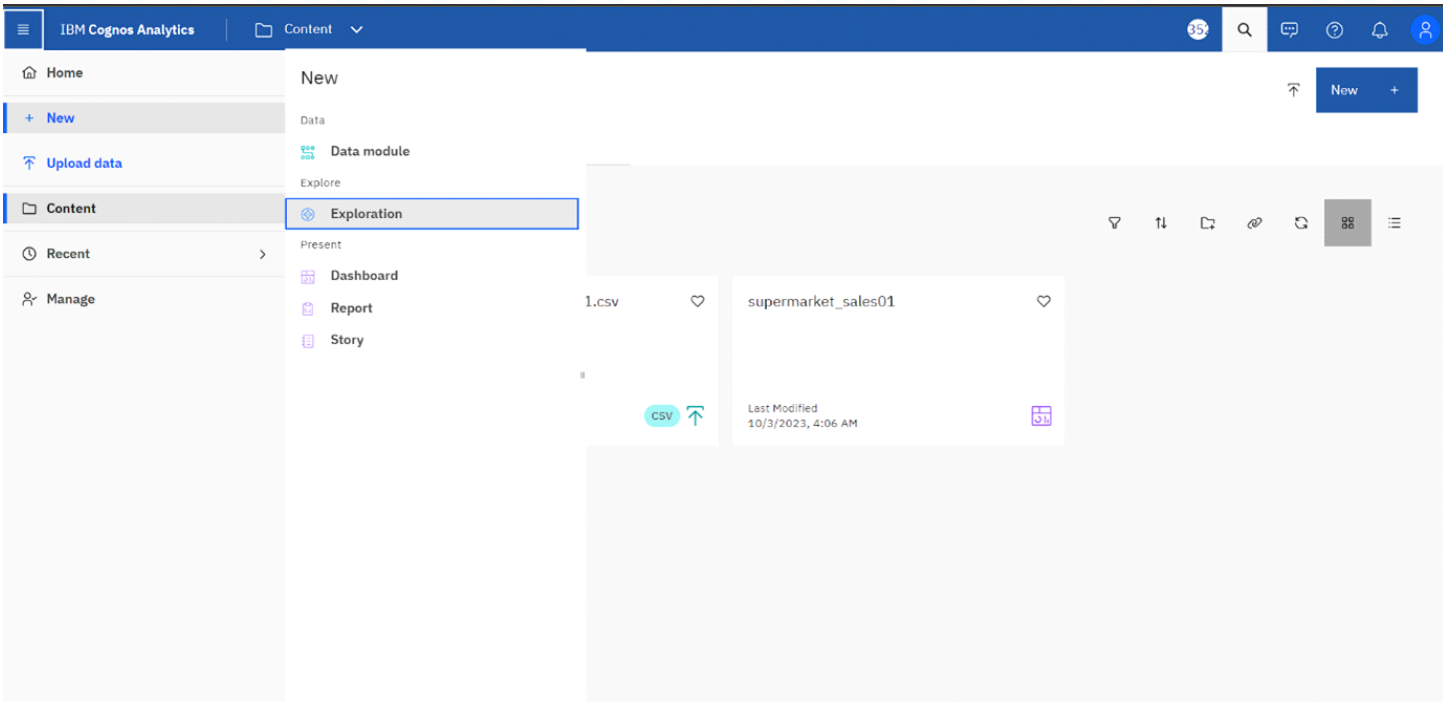
Step-4: After uploading, grid displays the table value of the CSV file. In that we able to delete or remove the unnecessary values.


IBM Cognos Analytics
* New data module
What's New: To read about what's new in Modeling, click More Info.
Dismiss
More Info
Properties
Data module
Search
New data module
Navigation paths
supermark...heet1.csv
Row Id
Invoice ID
Branch
City
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Total
Date
Time
Grid
Relationships
Custom tables
Preview data
To preview data, select a table, a column in a table, or a folder that contains columns.

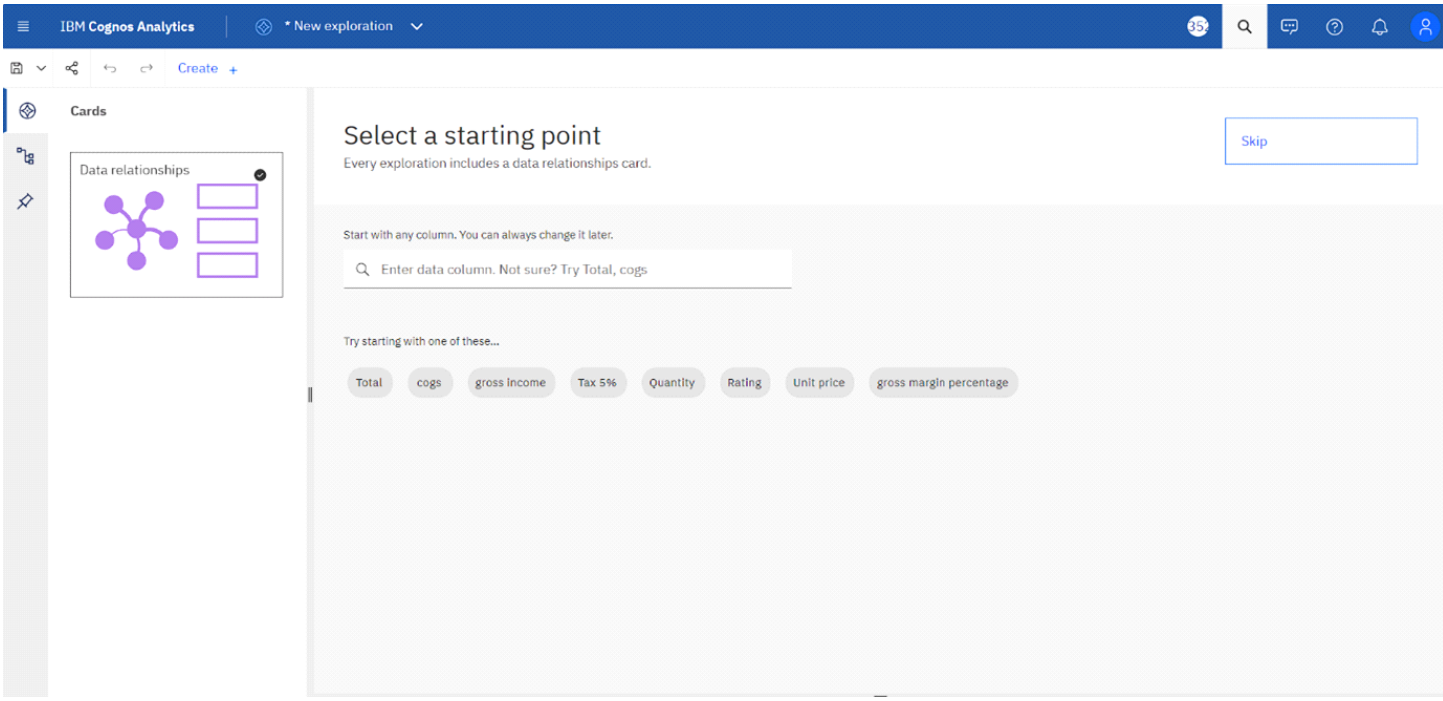


Explore the dataset :

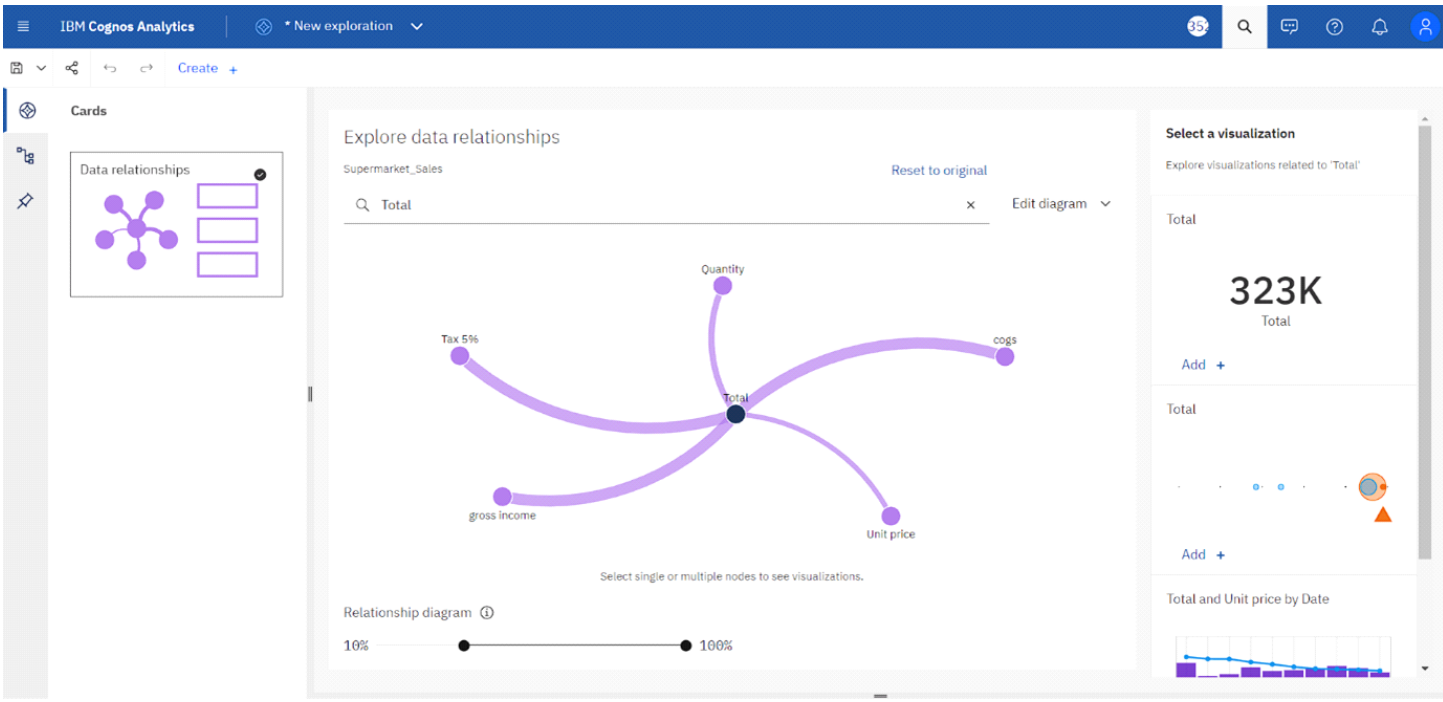
Step-1 : Select the Exploration.

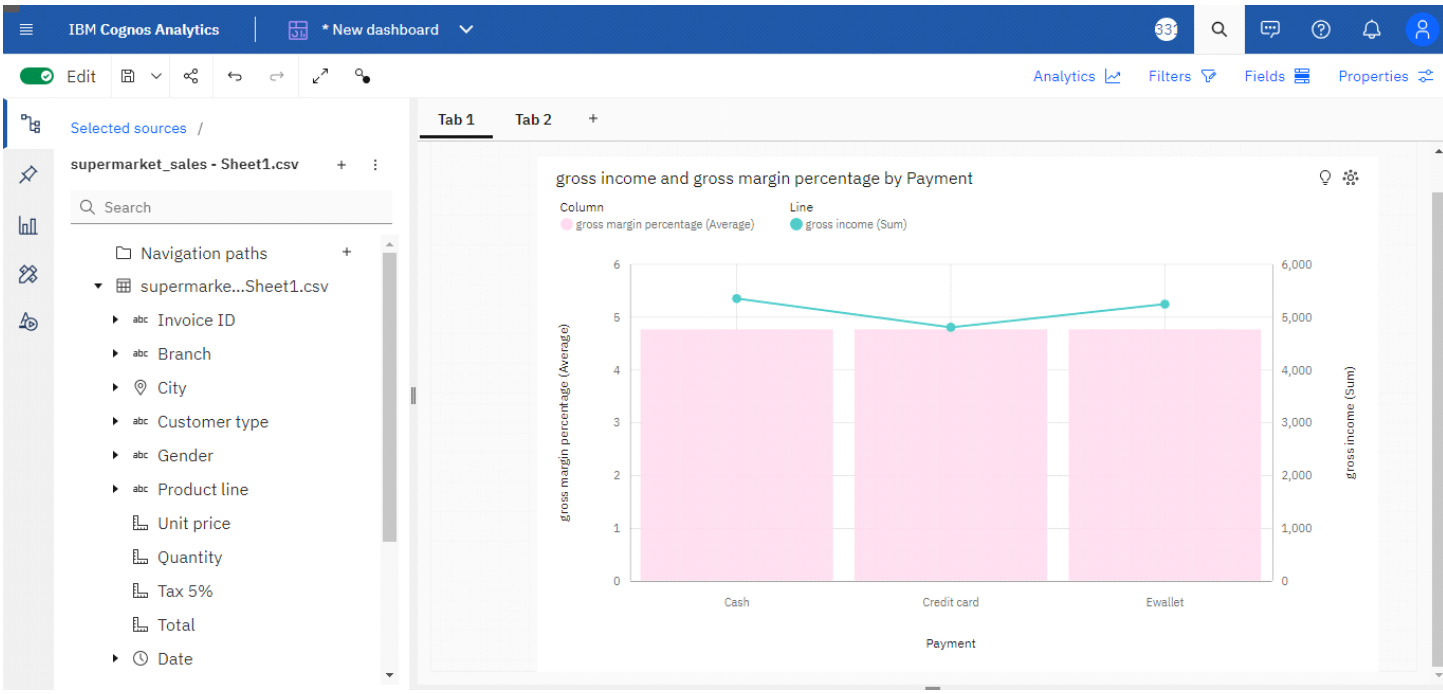


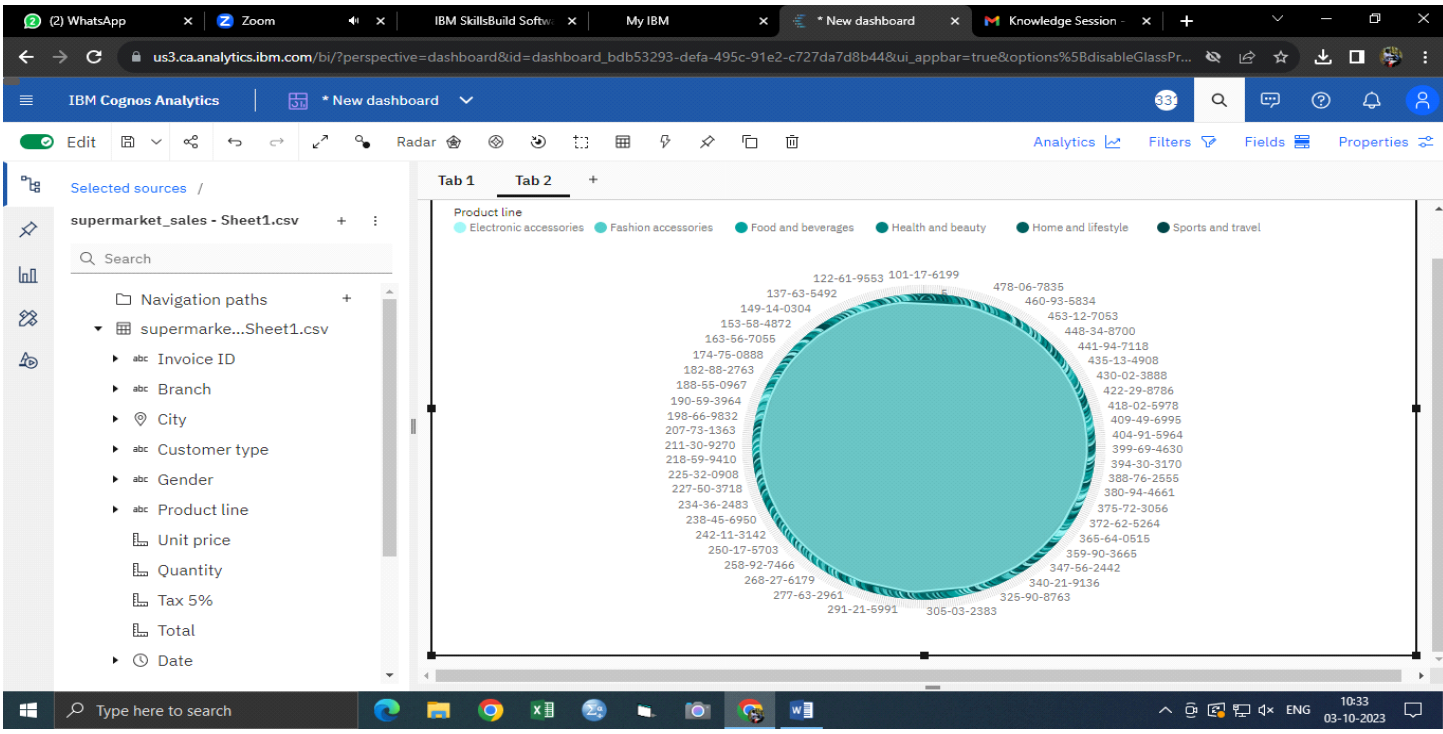
Step-2: Explore the dataset.



Some Datasets:

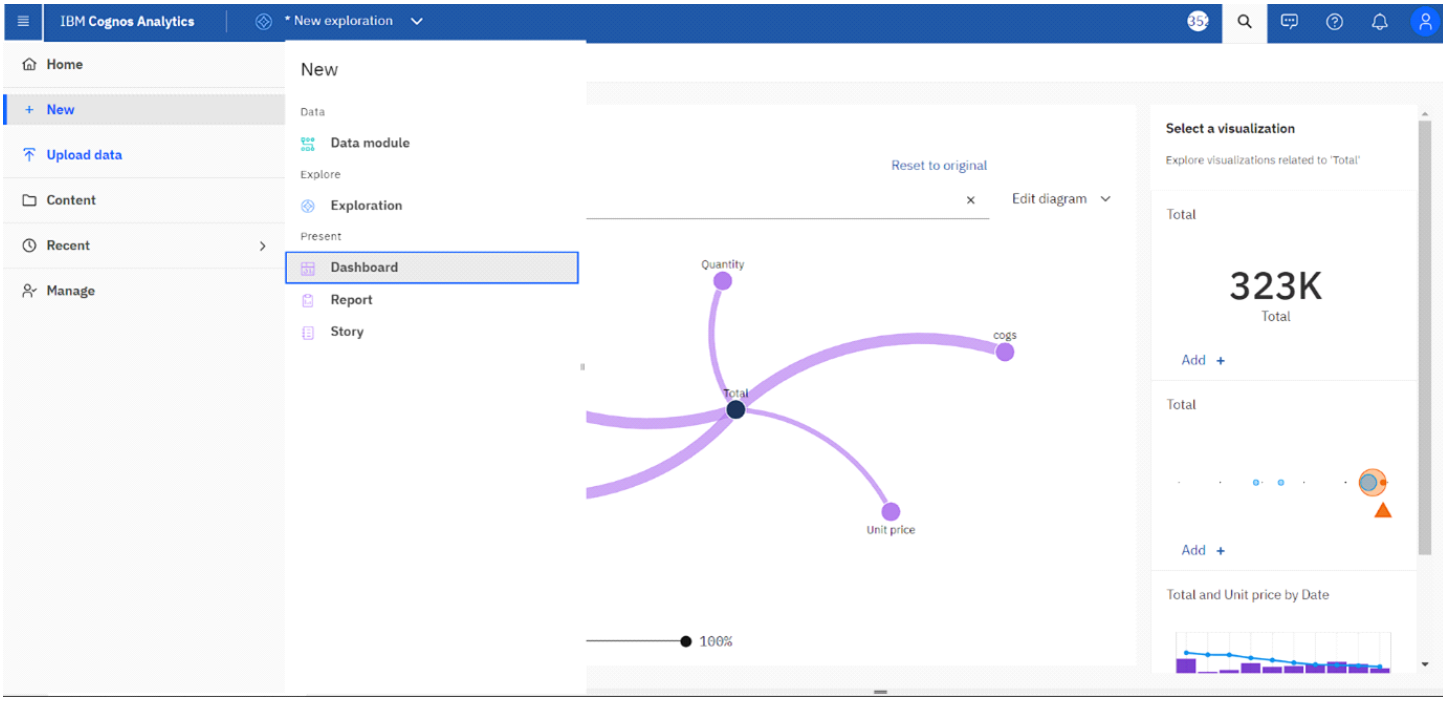

IBM Cognos Analytics
* New exploration
Create
Cards
Data relationships
Explore data relationships
Supermarket_Sales
Reset to original
Total
Edit diagram
Quantity
Tax 5%
cogs
Total
gross income
Unit price
Select single or multiple nodes to see visualizations.
Relationship diagram
10%
100%
Select a visualization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


IBM Cognos Analytics
* New dashboard
Edit
Analytics
Filters
Fields
Properties
Selected sources /
supermarket_sales - Sheet1.csv
Search
Navigation paths
supermarke...Sheet1.csv
Invoice ID
Branch
City
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Total
Date
Tab 1
Tab 2
gross income and gross margin percentage by Payment
Column
gross margin percentage (Average)
Line
gross income (Sum)
gross margin percentage (Average)
gross income (Sum)
Cash
Credit card
Ewallet
Payment

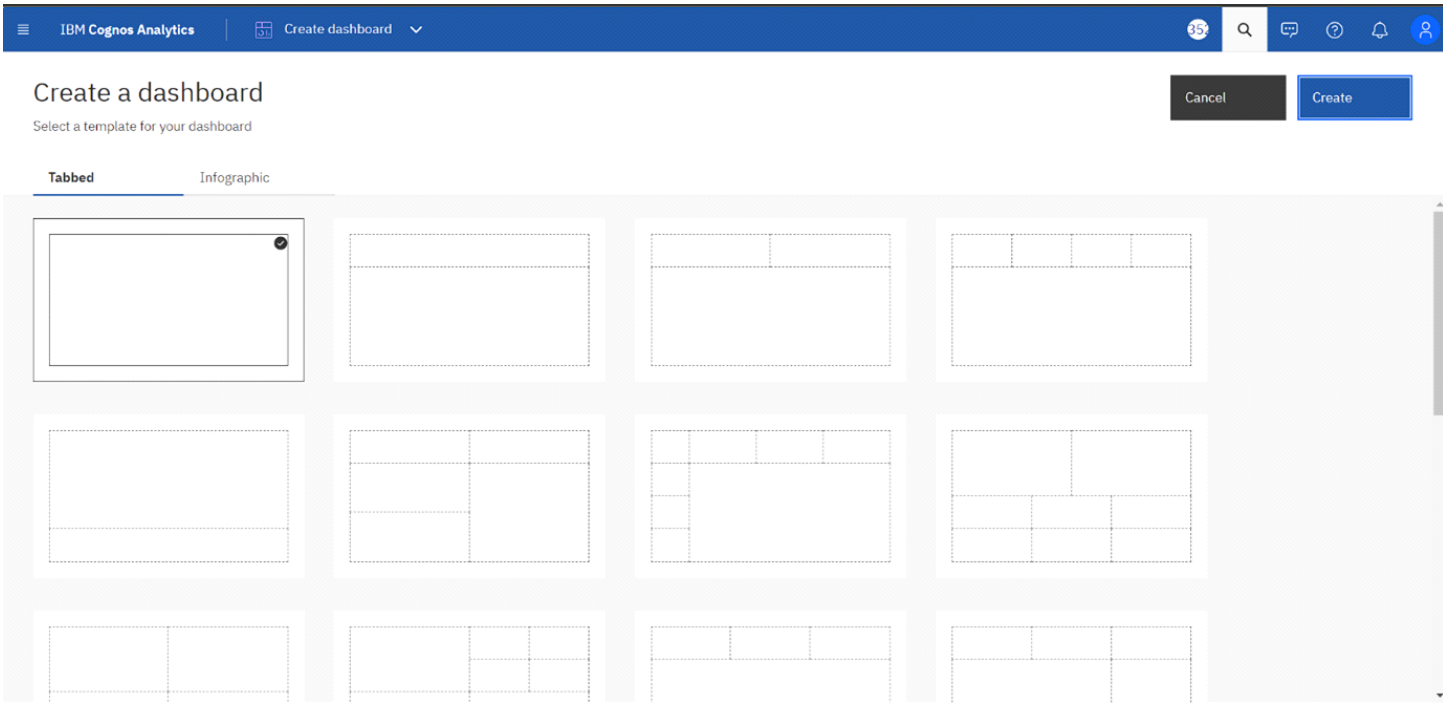


Visualize the Dataset:

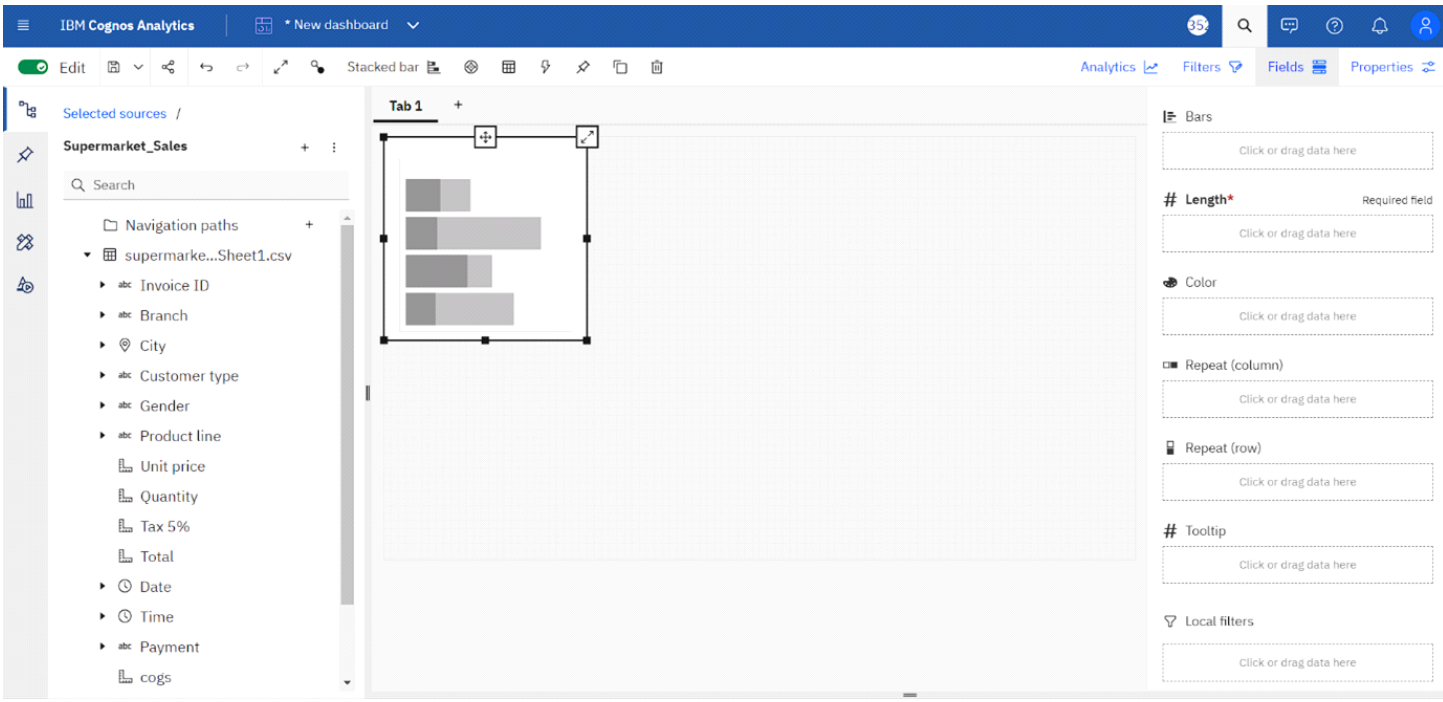
Step-1: Create the Dashboard.



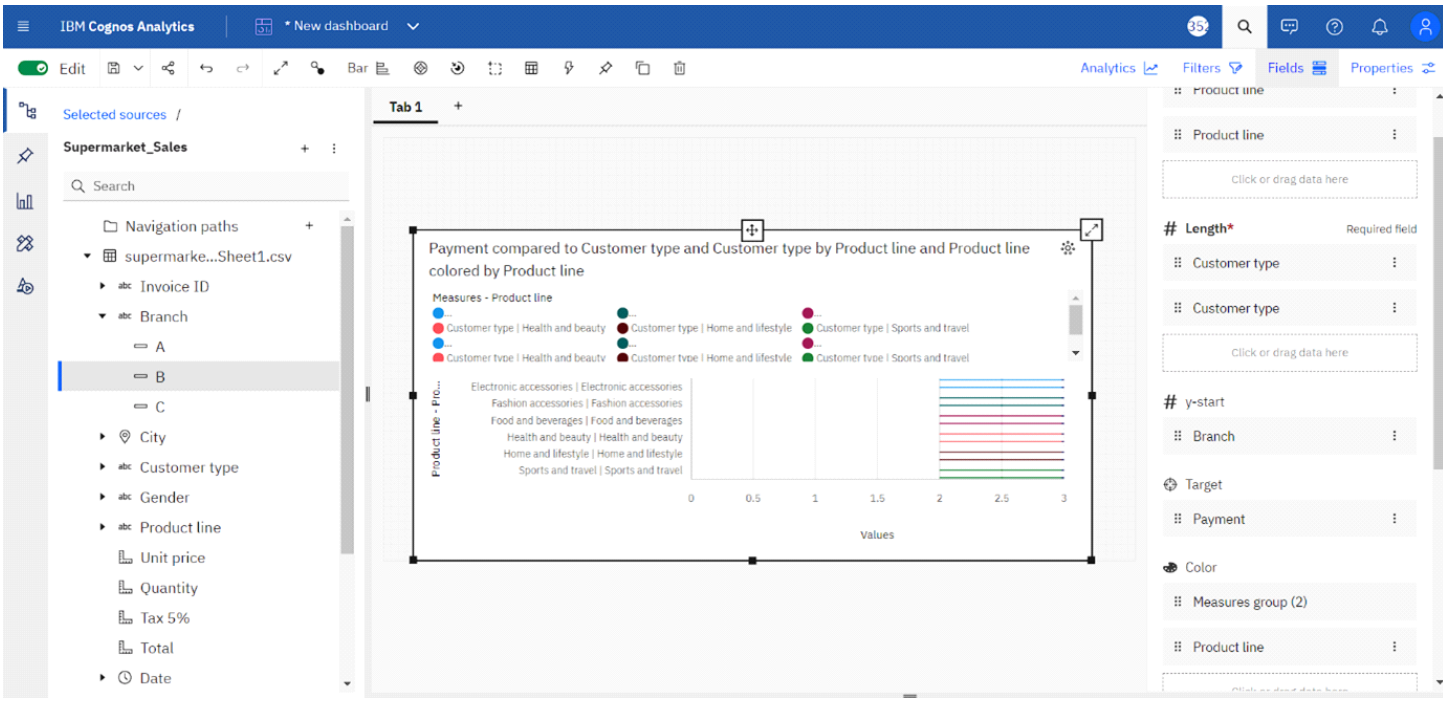
Step-2: Create template for the dashboard.



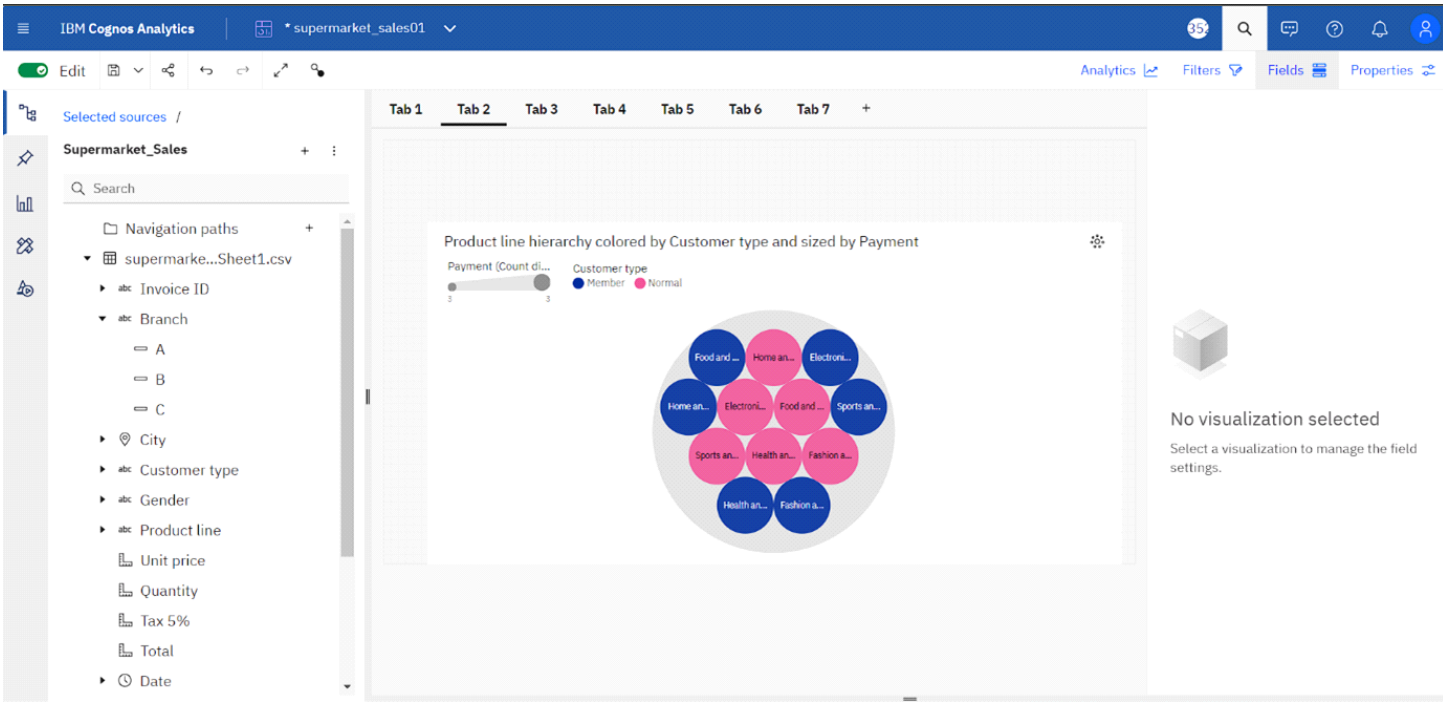
Step-3: Choose visualization type.

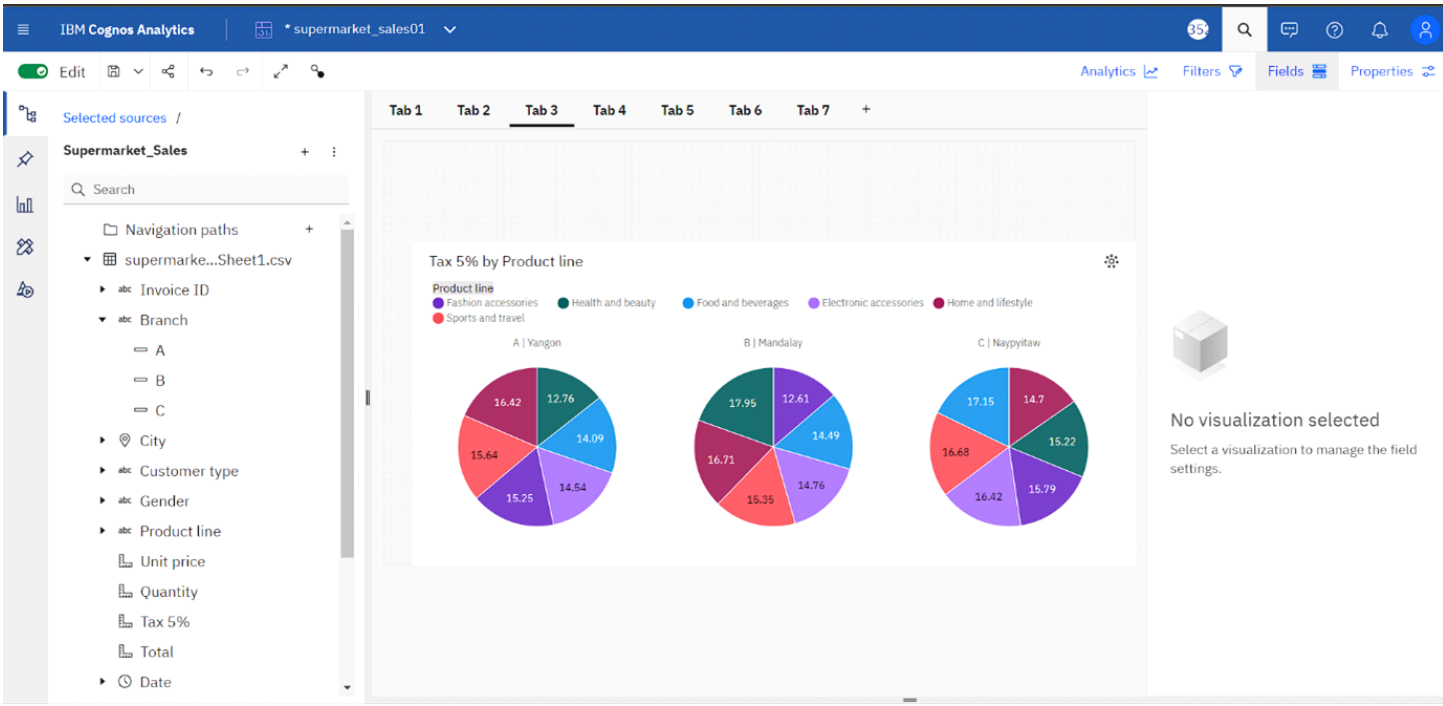


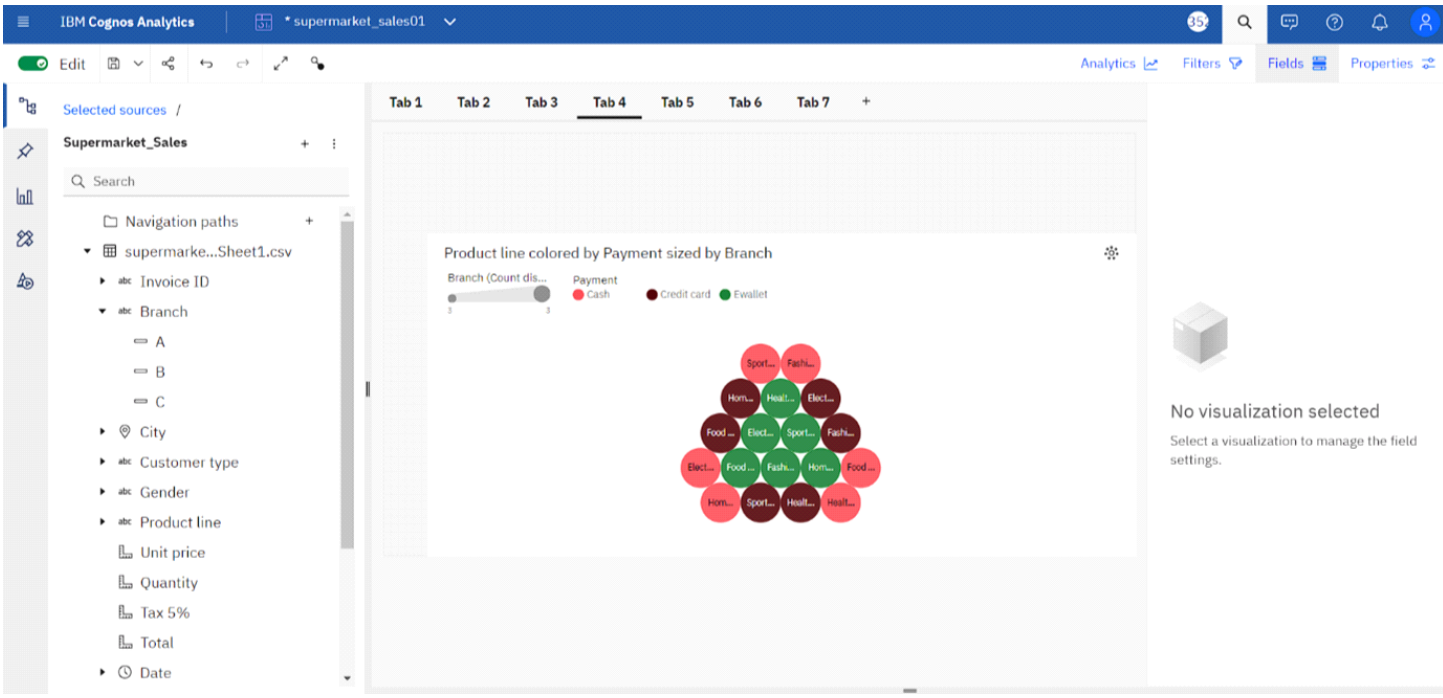
Step-4: Create Visualization charts and save it. Present the data set.

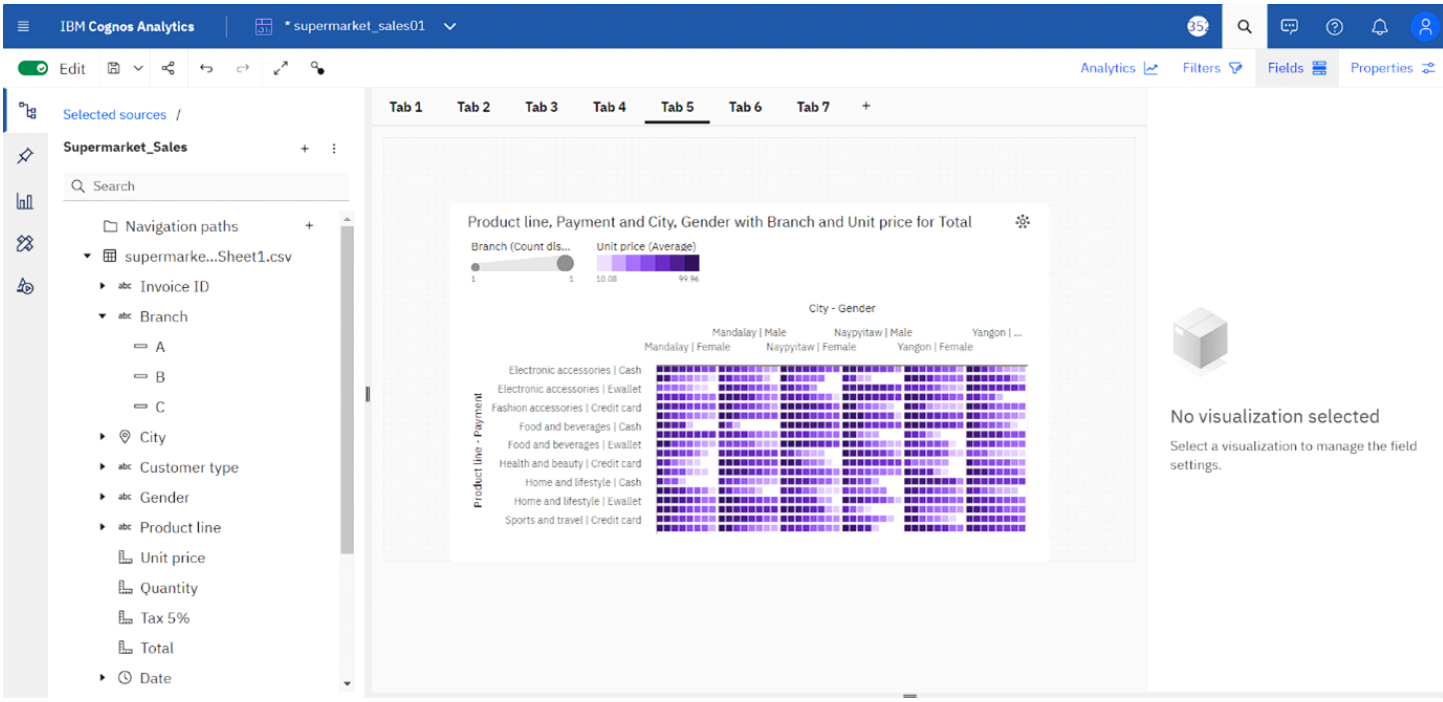


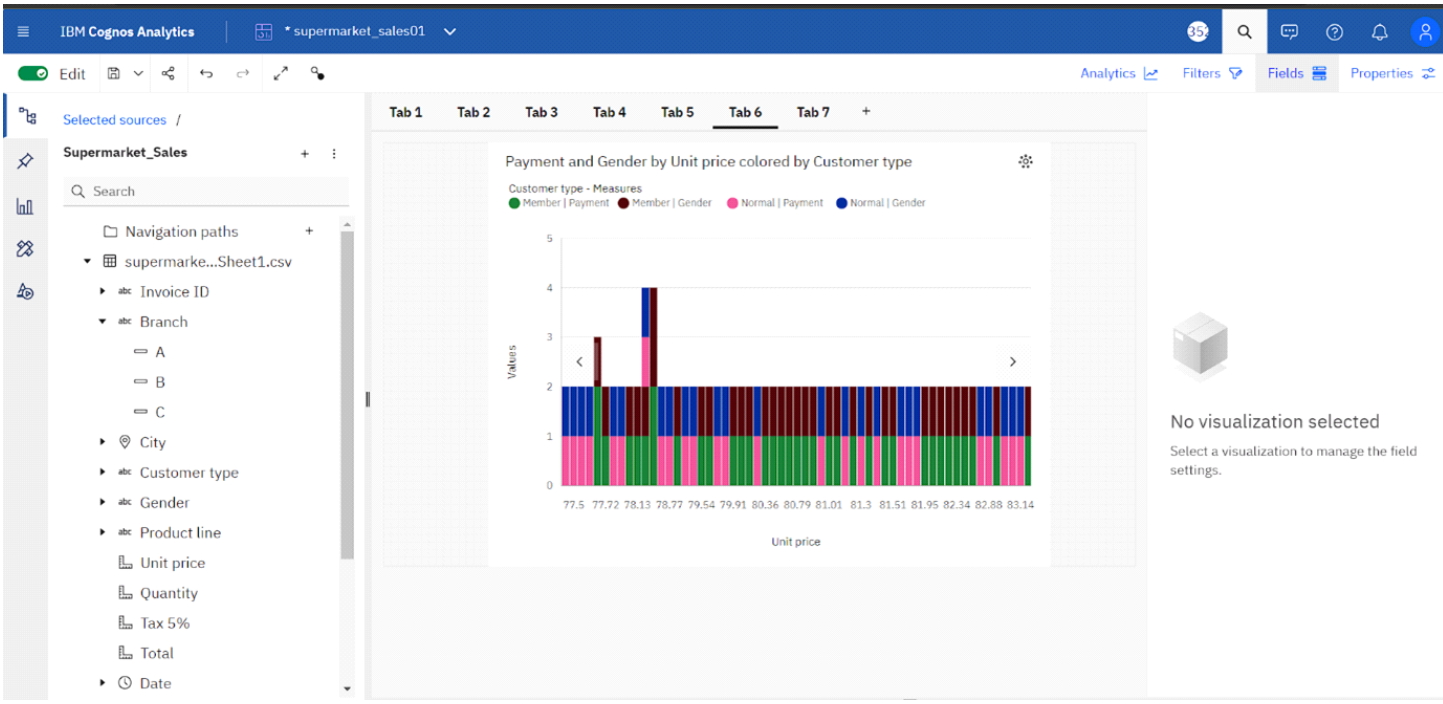
Some data visualization set :


IBM Cognos Analytics
* supermarket_sales01
Edit
Analytics
Filters
Fields
Properties
Selected sources /
Supermarket_Sales
Search
Navigation paths
supermarke...Sheet1.csv
Invoice ID
Branch
A
B
C
City
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Total
Date
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
Tab 6
Tab 7
Product line hierarchy colored by Customer type and sized by Payment
Payment (Count di...
Customer type
Member
Normal
Food and ...
Home an...
Electroni...
Sports an...
Health an...
Fashion a...
No visualization selected
Select a visualization to manage the field settings.


IBM Cognos Analytics
* supermarket_sales01
Edit
Analytics
Filters
Fields
Properties
Selected sources /
Supermarket_Sales
Search
Navigation paths
supermarke...Sheet1.csv
Invoice ID
Branch
A
B
C
City
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Total
Date
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
Tab 6
Tab 7
Tax 5% by Product line
Product line
Fashion accessories
Health and beauty
Food and beverages
Electronic accessories
Home and lifestyle
Sports and travel
A | Yangon
B | Mandalay
C | Naypyitaw
16.42
12.76
14.09
15.64
15.25
14.54
17.95
12.61
14.49
16.71
15.35
14.76
17.15
14.7
15.22
16.68
16.42
15.79
No visualization selected
Select a visualization to manage the field settings.


IBM Cognos Analytics
* supermarket_sales01
Edit
Analytics
Filters
Fields
Properties
Selected sources /
Supermarket_Sales
Search
Navigation paths
supermarke...Sheet1.csv
Invoice ID
Branch
A
B
C
City
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Total
Date
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
Tab 6
Tab 7
Product line colored by Payment sized by Branch
Branch (Count dis...
Payment
Cash
Credit card
Ewallet
No visualization selected
Select a visualization to manage the field settings.


IBM Cognos Analytics
* supermarket_sales01
Edit
Analytics
Filters
Fields
Properties
Selected sources /
Supermarket_Sales
Search
Navigation paths
supermarke...Sheet1.csv
Invoice ID
Branch
A
B
C
City
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Total
Date
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
Tab 6
Tab 7
Product line, Payment and City, Gender with Branch and Unit price for Total
Branch (Count dis...
Unit price (Average)
City - Gender
Mandalay | Male
Naypyitaw | Male
Yangon | ...
Mandalay | Female
Naypyitaw | Female
Yangon | Female
Product line - Payment
Electronic accessories | Cash
Electronic accessories | Ewallet
Fashion accessories | Credit card
Food and beverages | Cash
Food and beverages | Ewallet
Health and beauty | Credit card
Home and lifestyle | Cash
Home and lifestyle | Ewallet
Sports and travel | Credit card
No visualization selected
Select a visualization to manage the field settings.


IBM Cognos Analytics
* supermarket_sales01
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Analytics
Filters
Fields
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supermarke...Sheet1.csv
Invoice ID
Branch
A
B
C
City
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Total
Date
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
Tab 6
Tab 7
Payment and Gender by Unit price colored by Customer type
Customer type - Measures
Member | Payment
Member | Gender
Normal | Payment
Normal | Gender
Values
0
1
2
3
4
5
77.5 77.72 78.13 78.77 79.54 79.91 80.36 80.79 81.01 81.3 81.51 81.95 82.34 82.88 83.14
Unit price
No visualization selected
Select a visualization to manage the field settings.