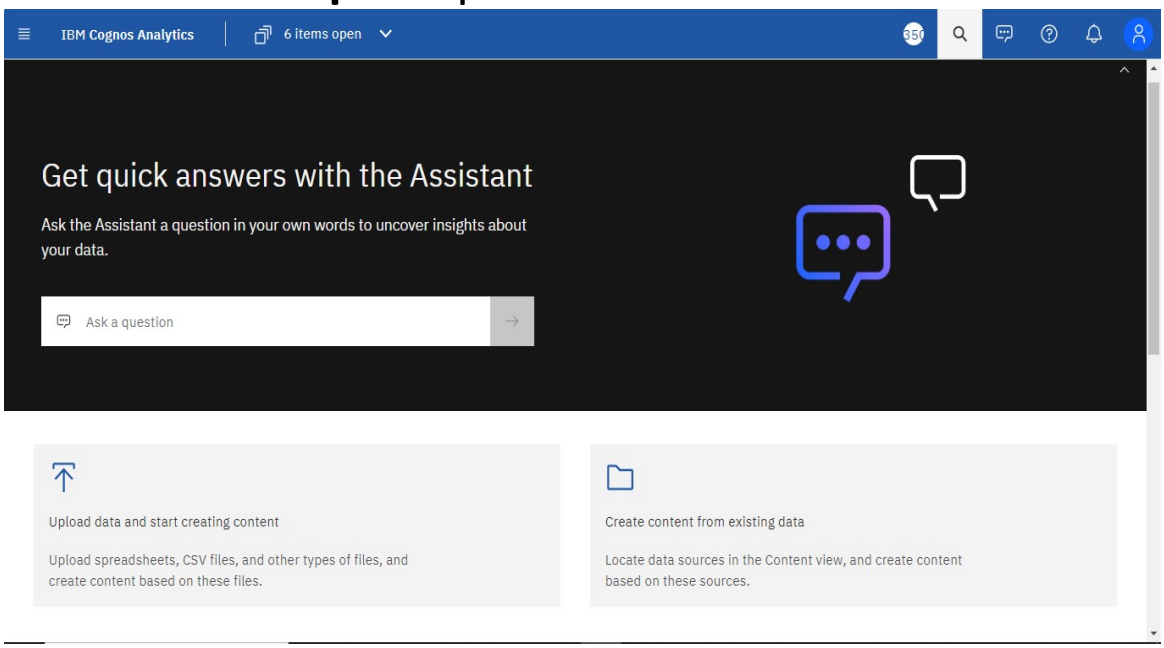
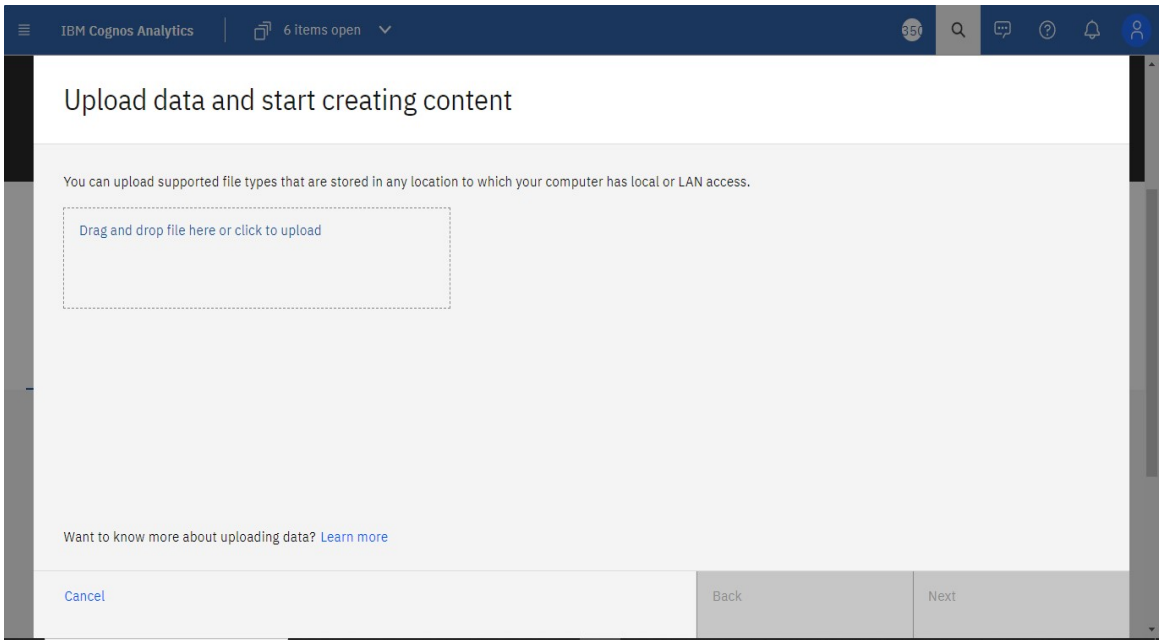
SUPER MARKET SALES ANALYSIS VISUALIZATION

NAME: Bala Chandar C

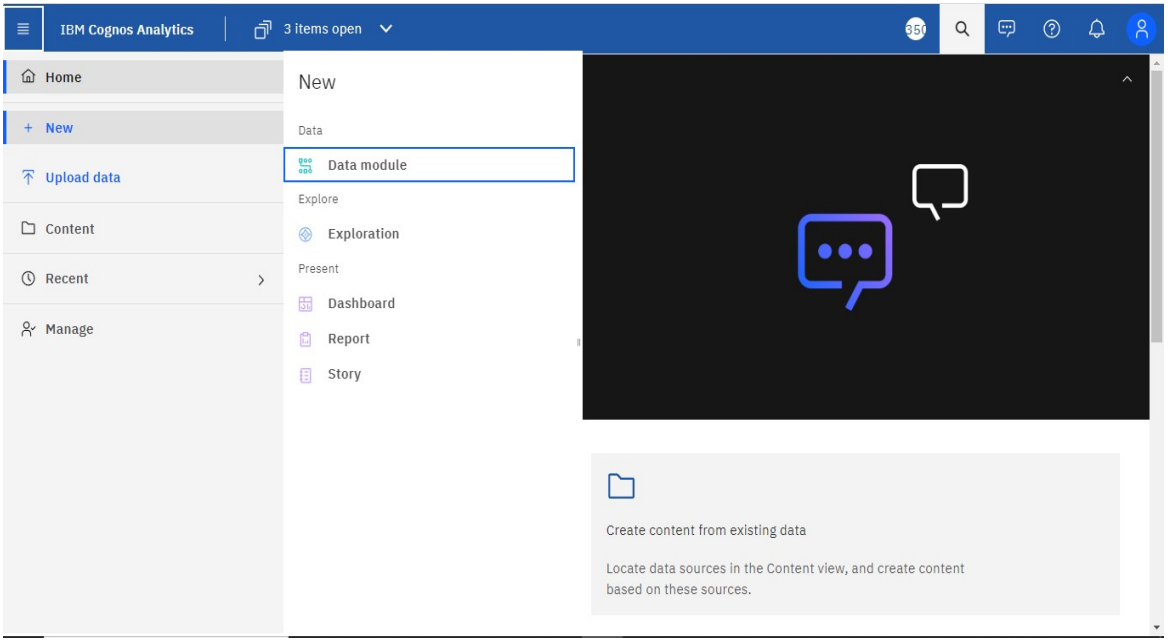
TASK 1: Upload the Dataset to Cognos, Delete Unnecessary Columns, Create a Data Module

Step 1: Upload the CSV File

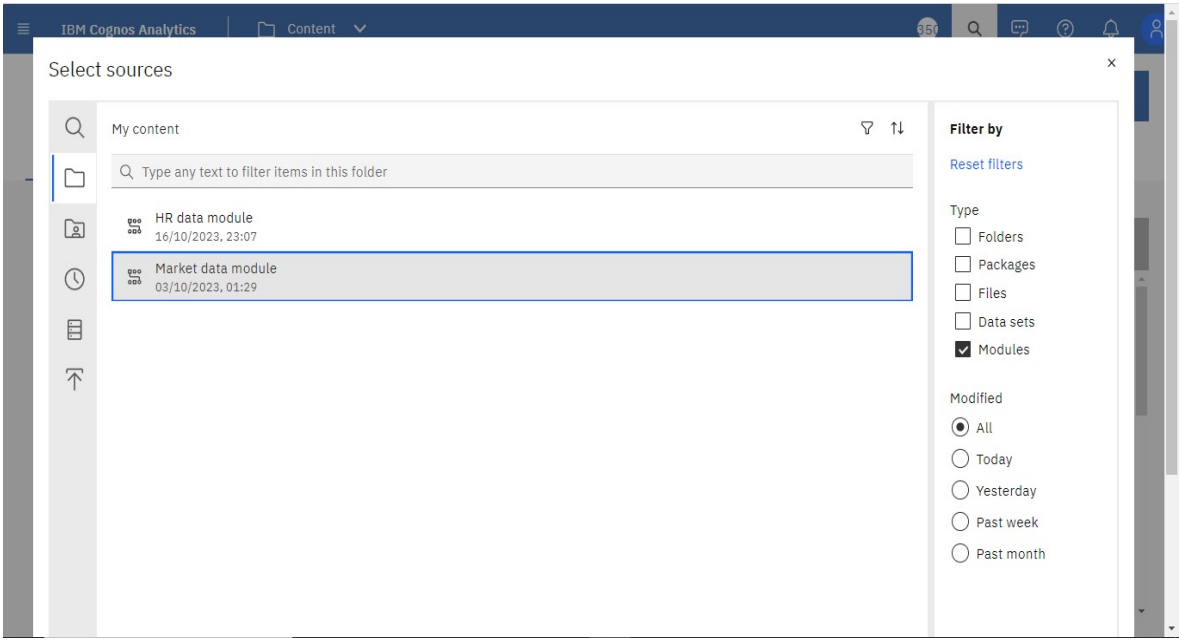




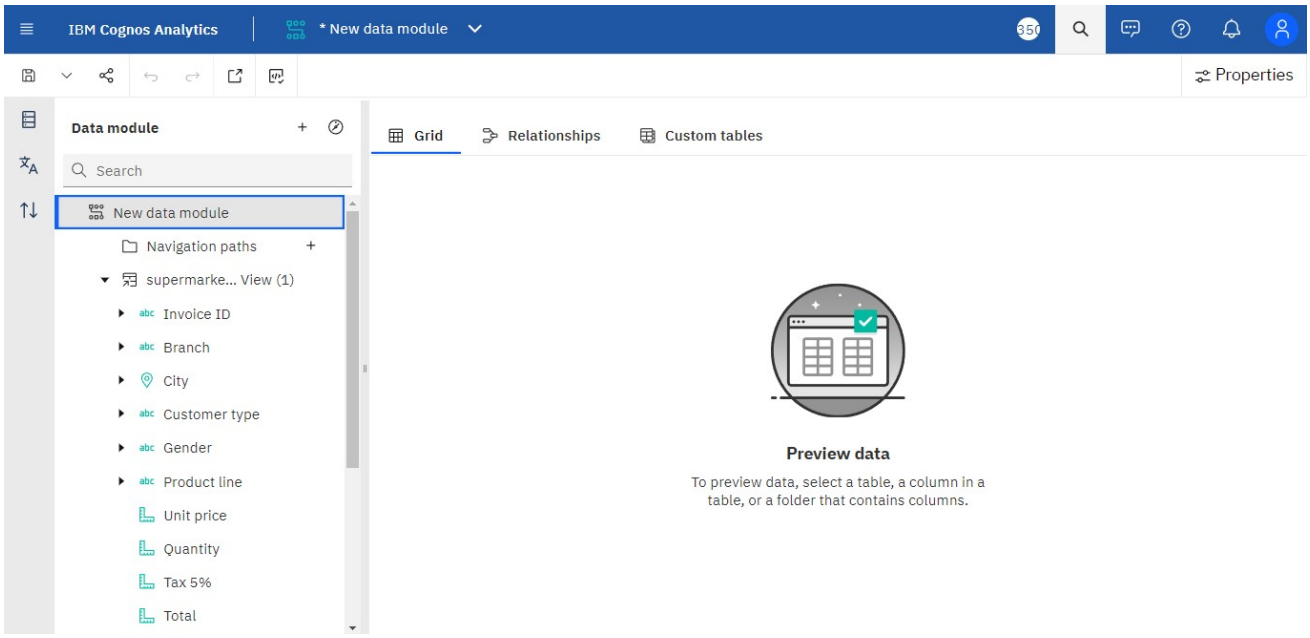
Step 2: Create Data Module

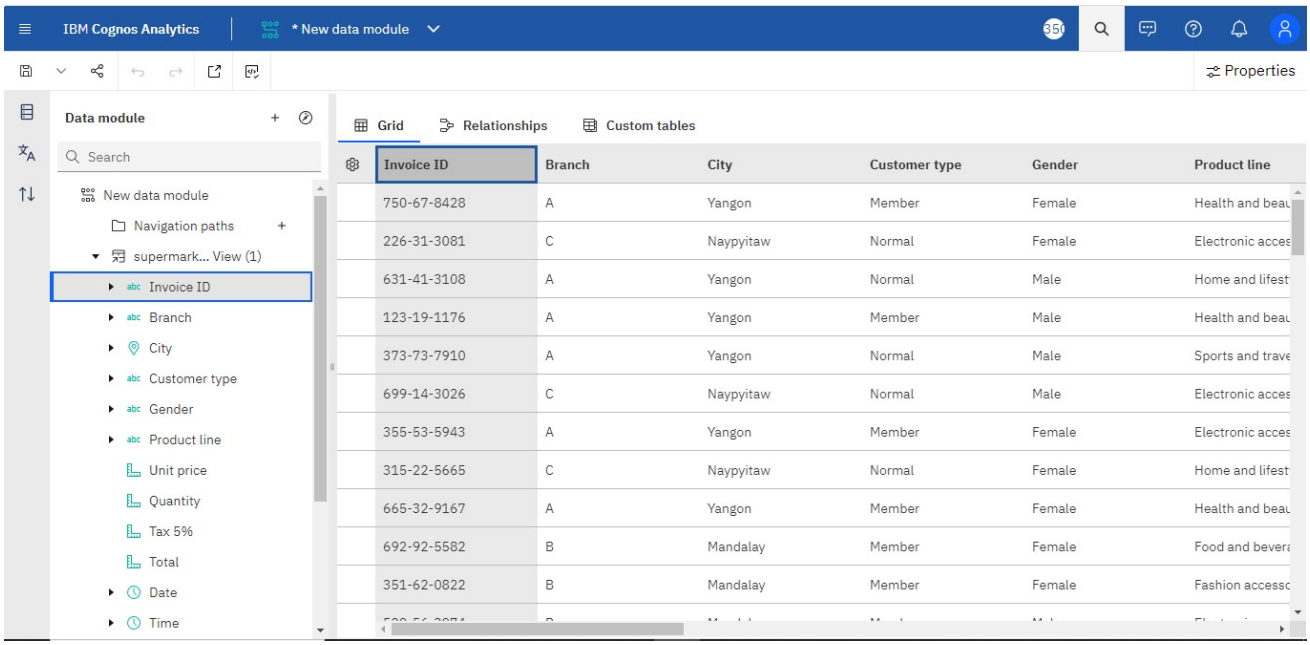


Step 3: Select the CSV file



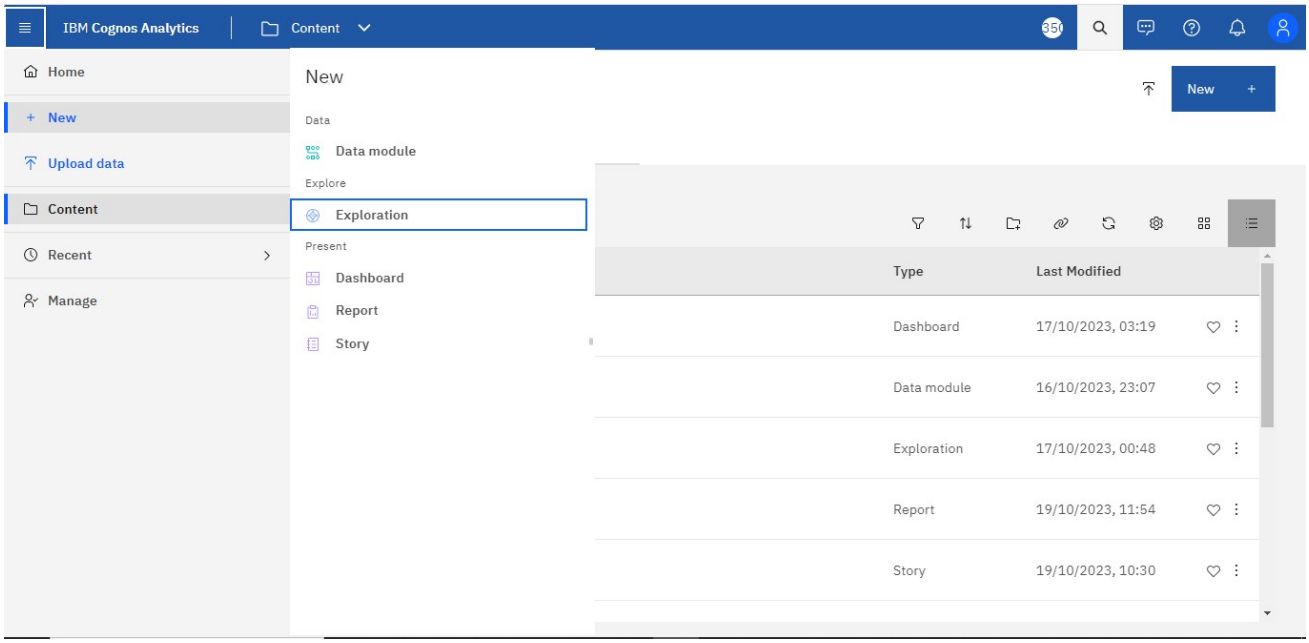
Step 4: After Uploading grid displays the table value of the CSV file.



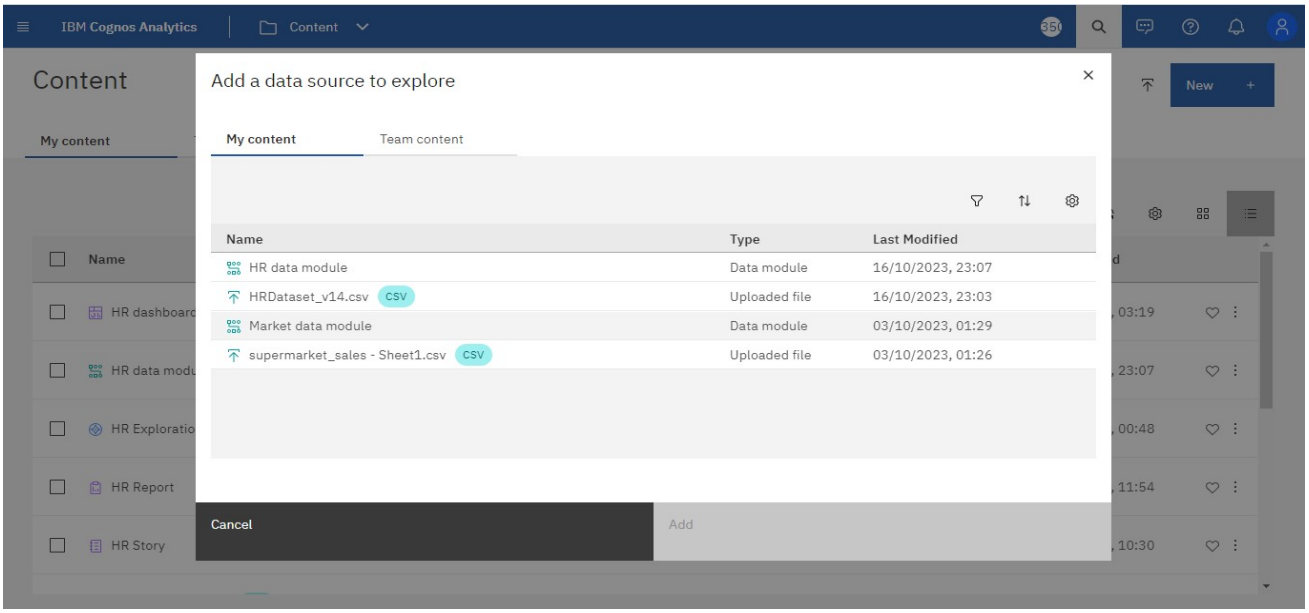


Task 2: Select the dataset to explore

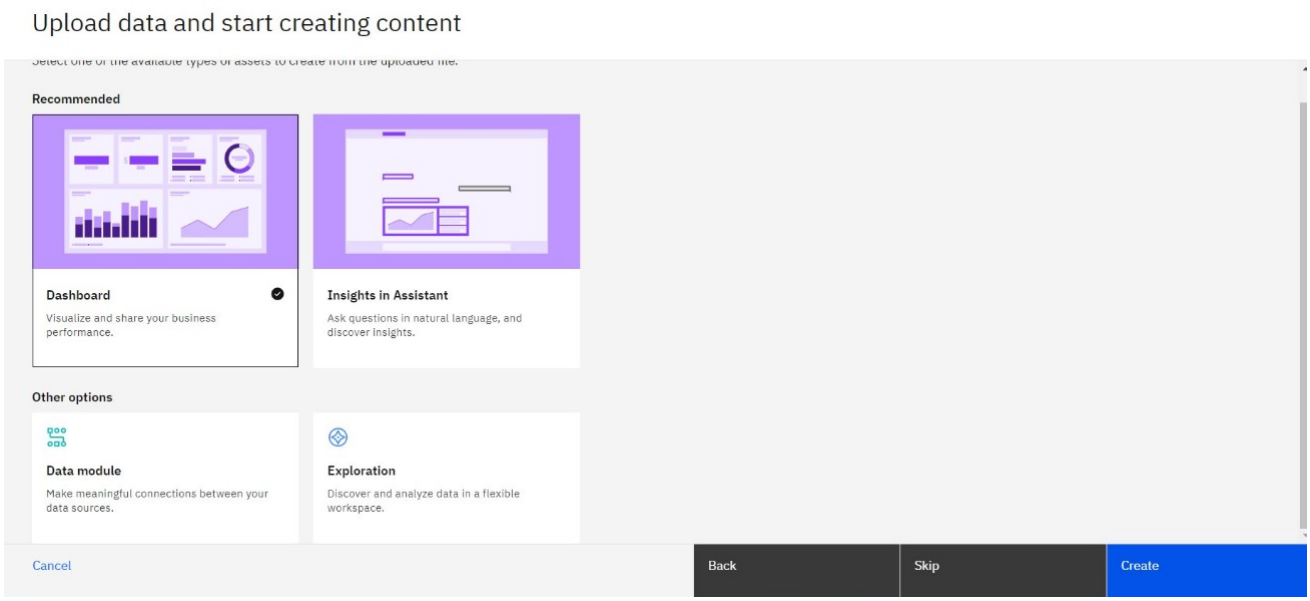
Step 1: Select the exploration



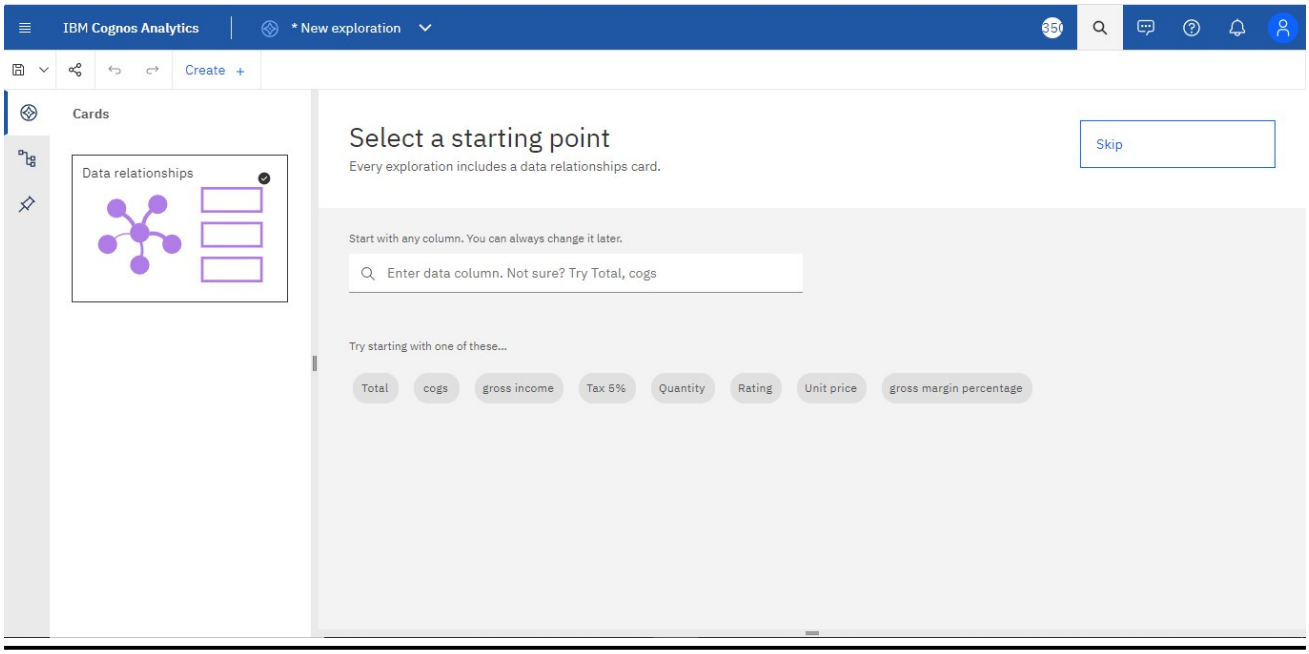
Step 2: Select dataset to explore



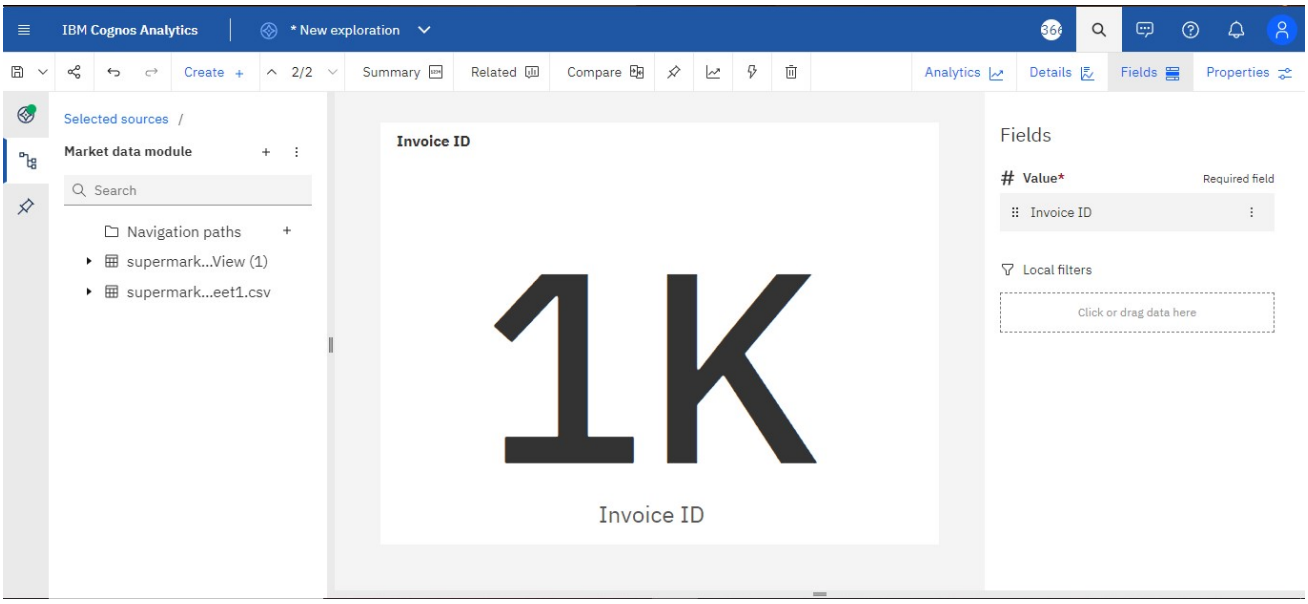
Step 3: Explore the dataset

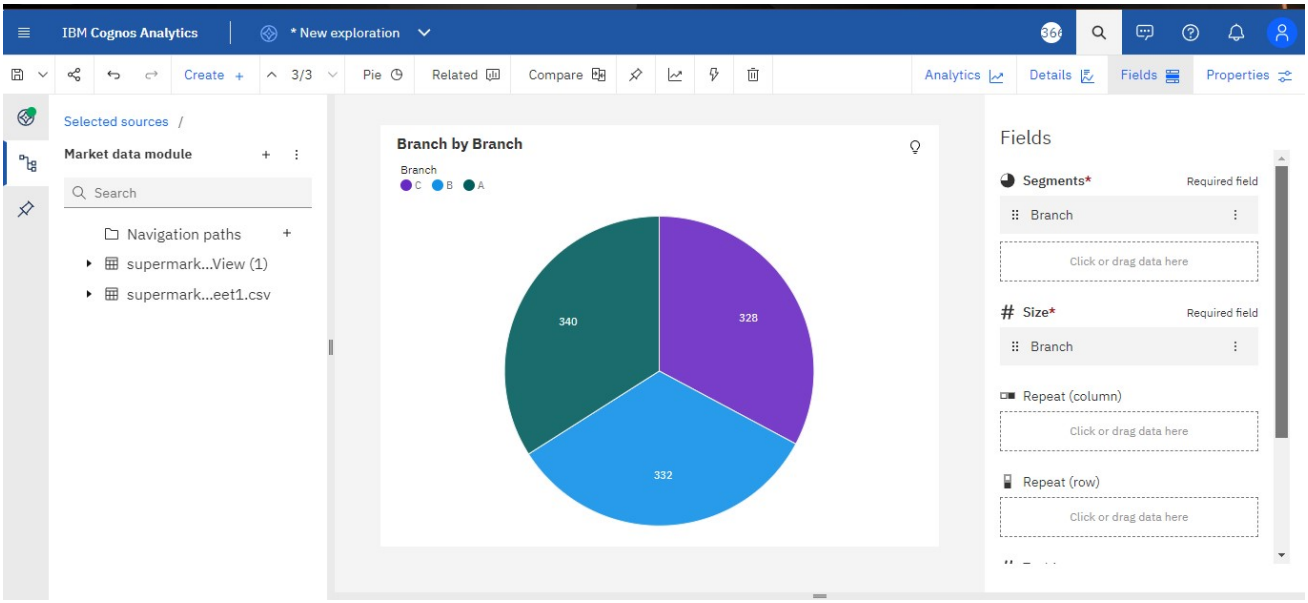


Task 3: **Visualize the Data Set and Dashboard**



Step 1: Create Visualization charts and save it.




IBM Cognos Analytics
* New exploration
Create
3/3
Pie
Related
Compare
Analytics
Details
Fields
Properties
Selected sources /
Market data module
Search
Navigation paths
supermark...View (1)
supermark...eet1.csv
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328
332
340
Fields
Segments*
Required field
Branch
Click or drag data here
Size*
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Branch
Repeat (column)
Click or drag data here
Repeat (row)
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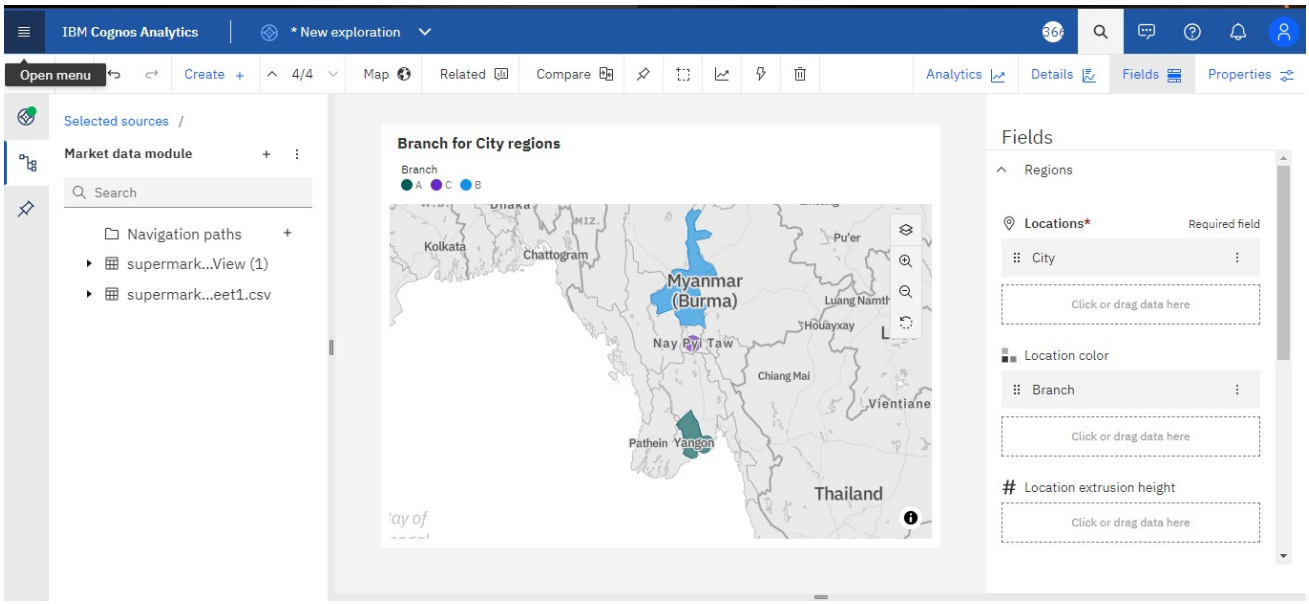
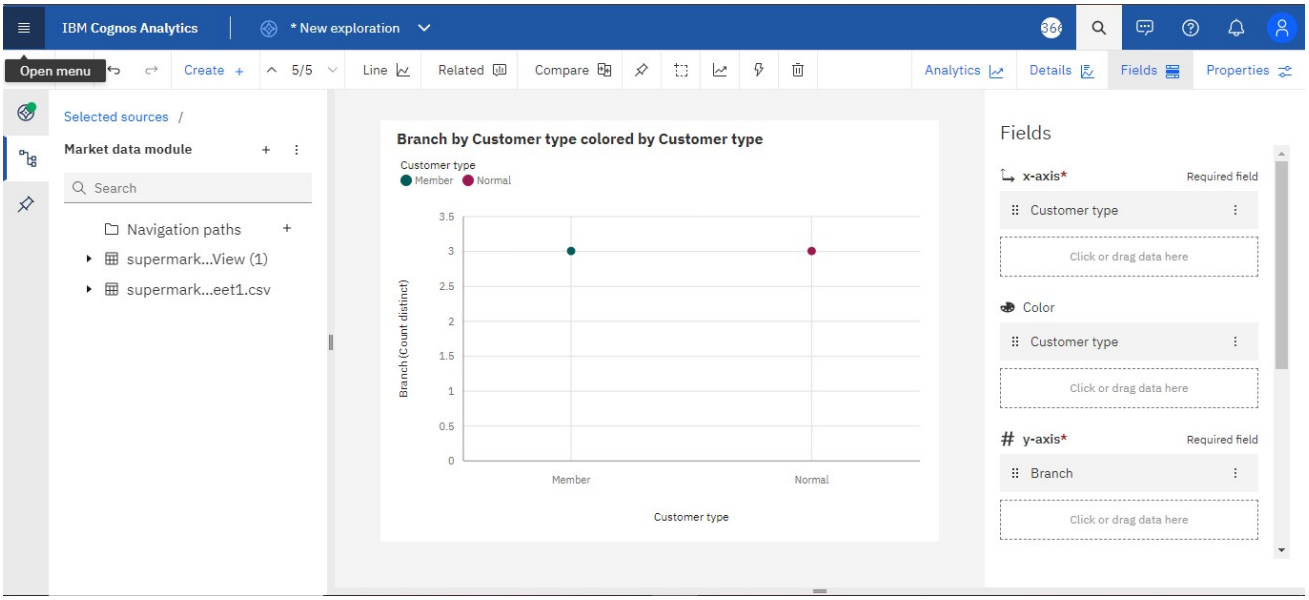

IBM Cognos Analytics
* New exploration
Open menu
Create
4/4
Map
Related
Compare
Analytics
Details
Fields
Properties
Selected sources /
Market data module
Search
Navigation paths
supermark...View (1)
supermark...eet1.csv
Branch for City regions
Branch
A C B
Kolkata
Chattogram
Myanmar (Burma)
Pu'er
Luang Namth
Houayxay
Nay Pyi Taw
Chiang Mai
Vientiane
Pathein
Yangon
Thailand
Fields
Regions
Locations*
Required field
City
Click or drag data here
Location color
Branch
Click or drag data here
Location extrusion height
Click or drag data here


IBM Cognos Analytics
* New exploration
Open menu
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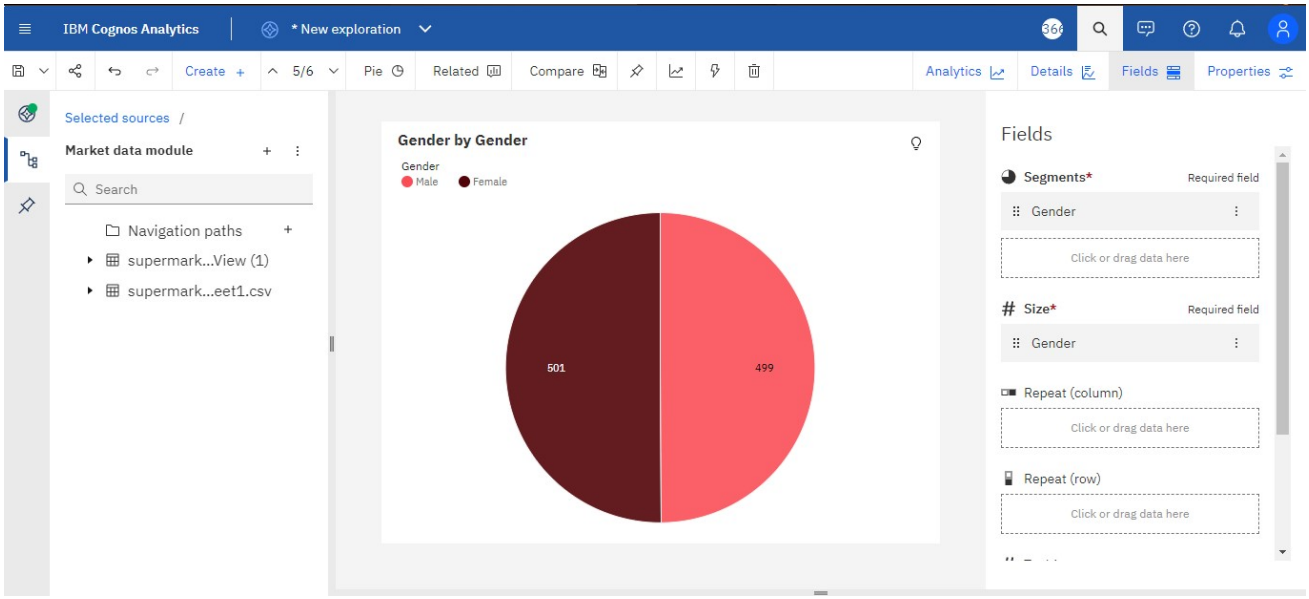
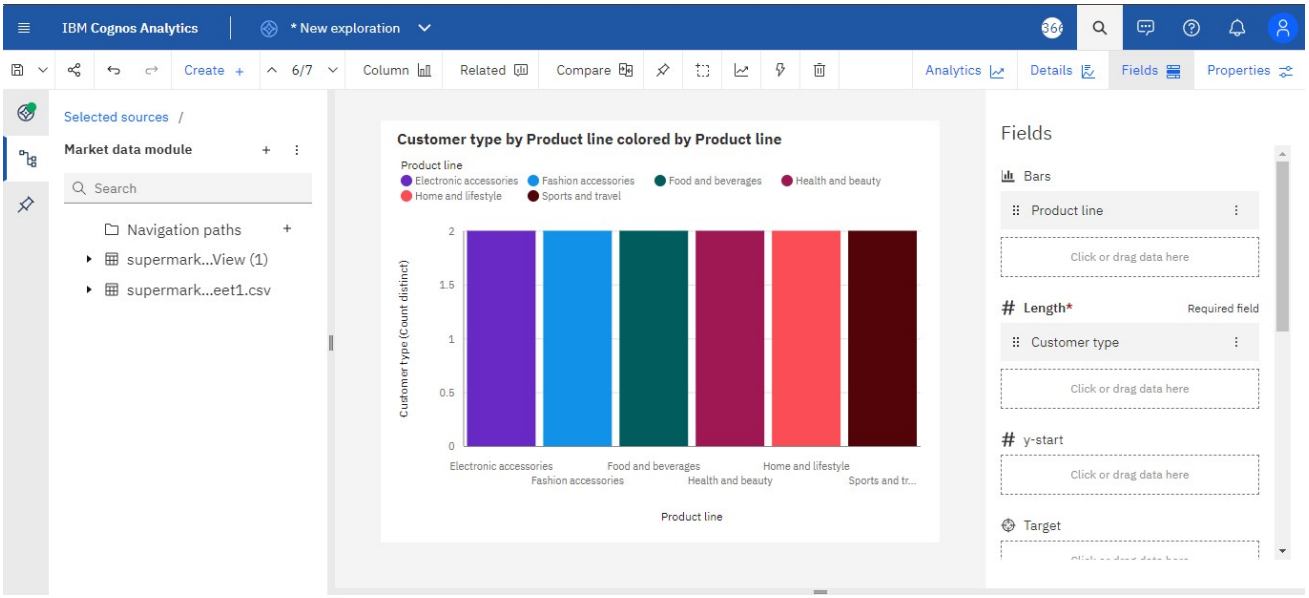
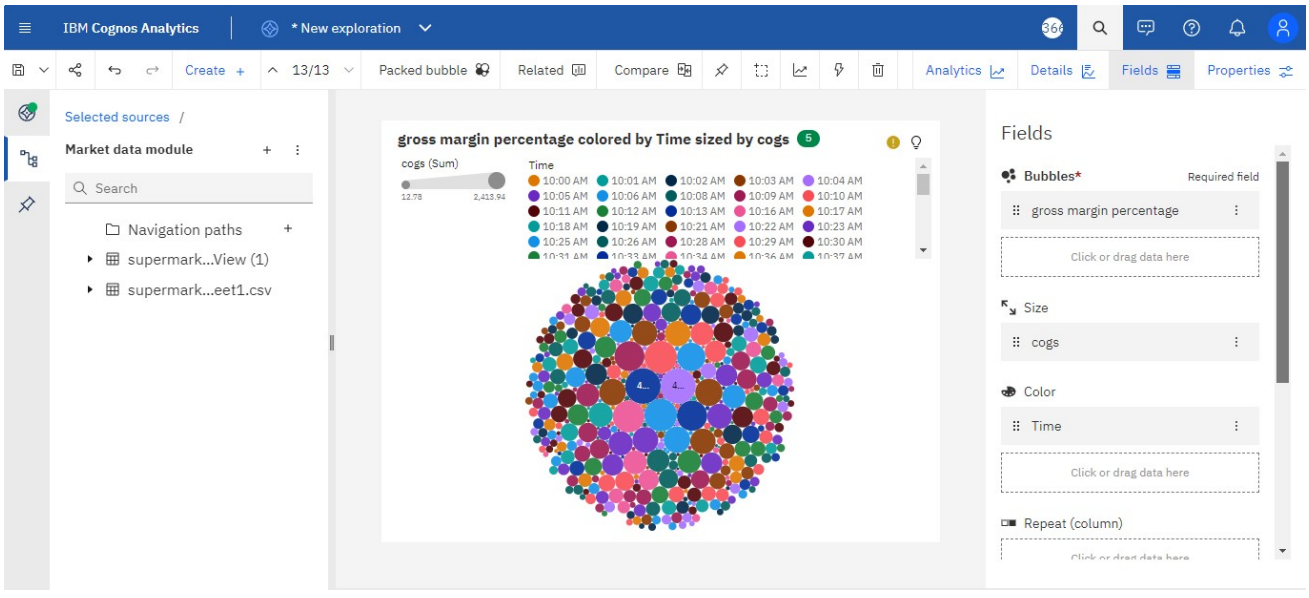
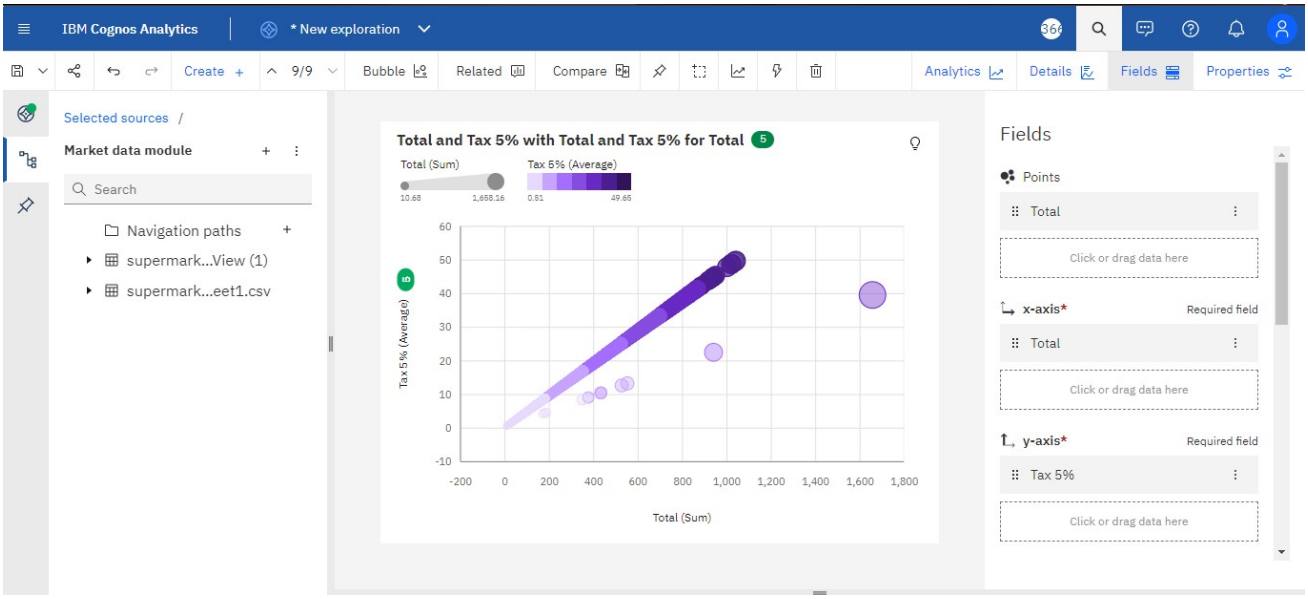
5/5
Line
Related
Compare
Analytics
Details
Fields
Properties
Selected sources /
Market data module
Search
Navigation paths
supermark...View (1)
supermark...eet1.csv
Branch by Customer type colored by Customer type
Customer type
Member
Normal
Branch (Count distinct)
3.5
3
2.5
2
1.5
1
0.5
0
Member
Normal
Customer type
Fields
x-axis*
Required field
Customer type
Click or drag data here
Color
Customer type
Click or drag data here
y-axis*
Required field
Branch
Click or drag data here

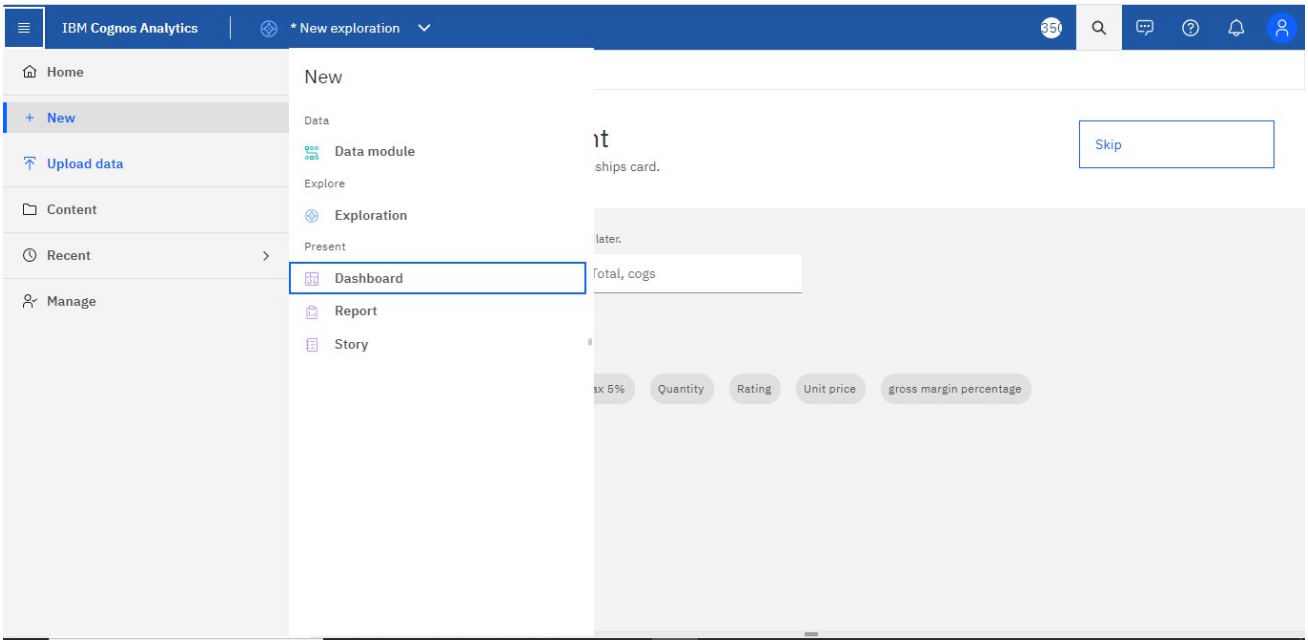

IBM Cognos Analytics
* New exploration
Create
5/6
Pie
Related
Compare
Analytics
Details
Fields
Properties
Selected sources /
Market data module
Search
Navigation paths
supermark...View (1)
supermark...eet1.csv
Gender by Gender
Gender
Male
Female
501
499
Fields
Segments*
Required field
Gender
Click or drag data here
Size*
Required field
Gender
Repeat (column)
Click or drag data here
Repeat (row)
Click or drag data here


IBM Cognos Analytics
* New exploration
Create
6/7
Column
Related
Compare
Analytics
Details
Fields
Properties
Selected sources /
Market data module
Search
Navigation paths
supermark...View (1)
supermark...eet1.csv
Customer type by Product line colored by Product line
Product line
Electronic accessories
Fashion accessories
Food and beverages
Health and beauty
Home and lifestyle
Sports and travel
Customer type (Count distinct)
2
1.5
1
0.5
0
Electronic accessories
Fashion accessories
Food and beverages
Health and beauty
Home and lifestyle
Sports and tr...
Product line
Fields
Bars
Product line
Click or drag data here
Length*
Required field
Customer type
Click or drag data here
y-start
Click or drag data here
Target

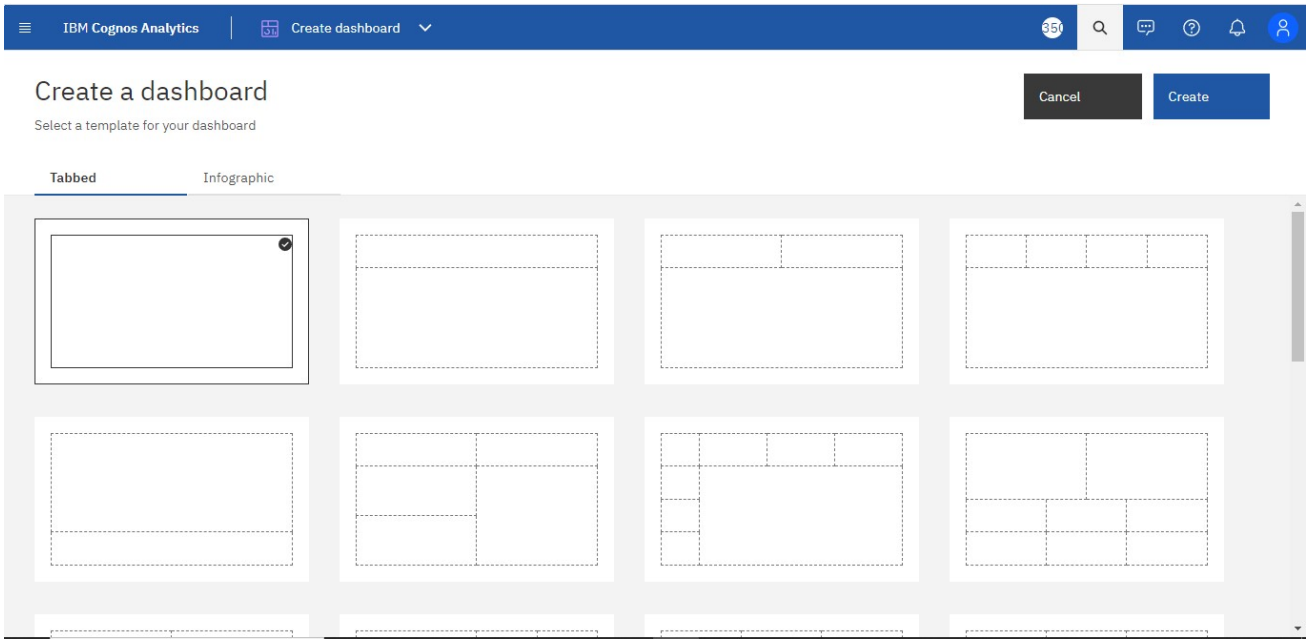

IBM Cognos Analytics
* New exploration
Create
13/13
Packed bubble
Related
Compare
Analytics
Details
Fields
Properties
Selected sources /
Market data module
Search
Navigation paths
supermark...View (1)
supermark...eet1.csv
gross margin percentage colored by Time sized by cogs
5
cogs (Sum)
12.78
2,413.94
Time
10:00 AM
10:01 AM
10:02 AM
10:03 AM
10:04 AM
10:05 AM
10:06 AM
10:08 AM
10:09 AM
10:10 AM
10:11 AM
10:12 AM
10:13 AM
10:16 AM
10:17 AM
10:18 AM
10:19 AM
10:21 AM
10:22 AM
10:23 AM
10:25 AM
10:26 AM
10:28 AM
10:29 AM
10:30 AM
Fields
Bubbles*
Required field
gross margin percentage
Click or drag data here
Size
cogs
Color
Time
Click or drag data here
Repeat (column)



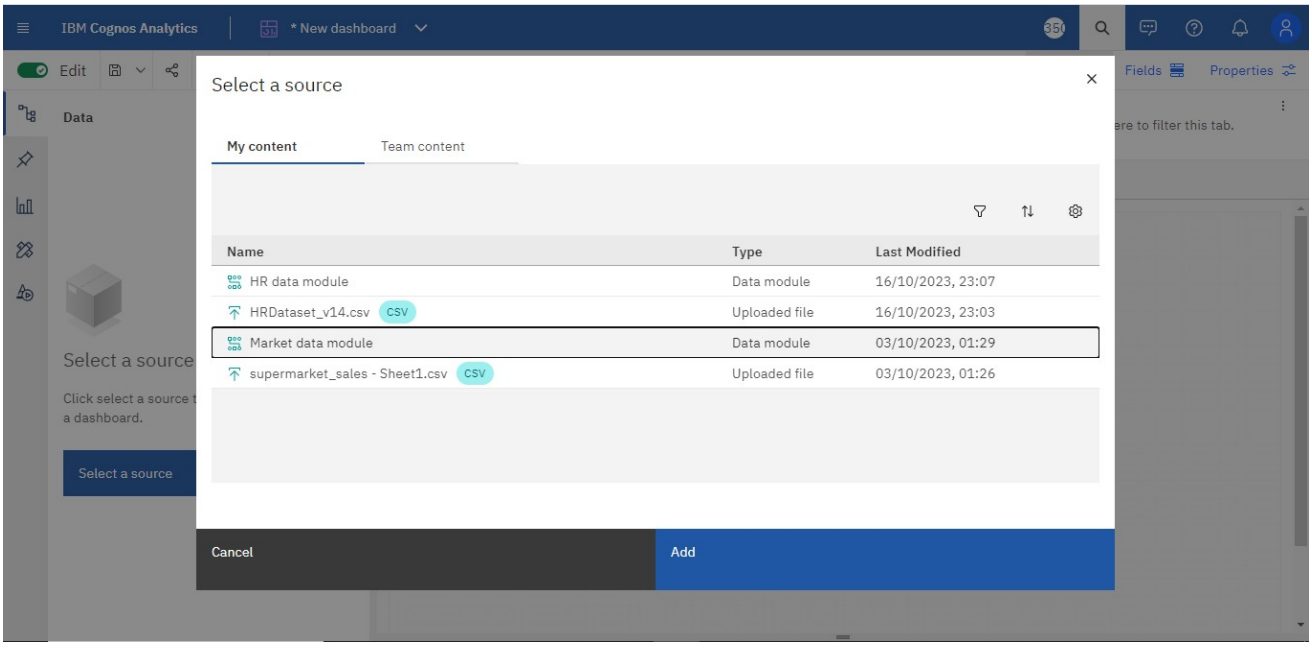
Step 2: Create the Dashboard



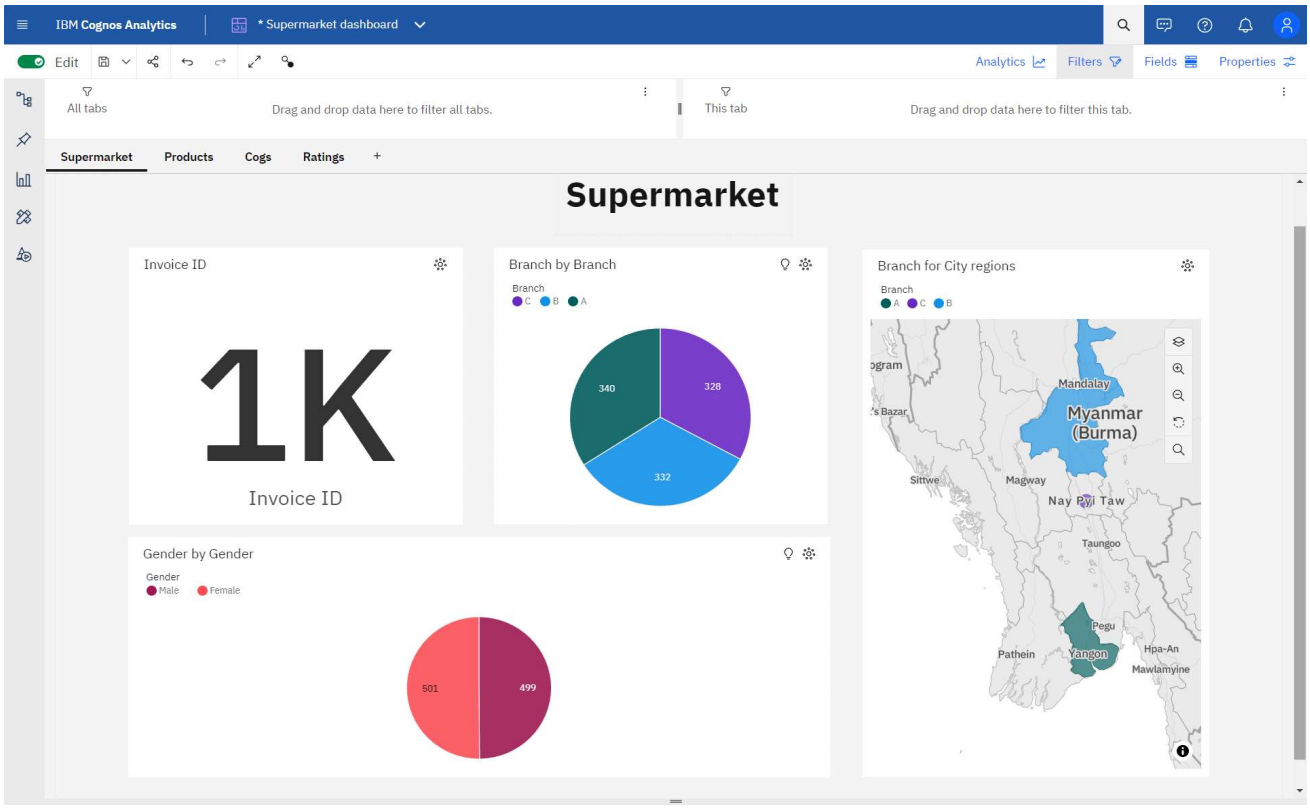
Step 3: Create Template for the Dashboard

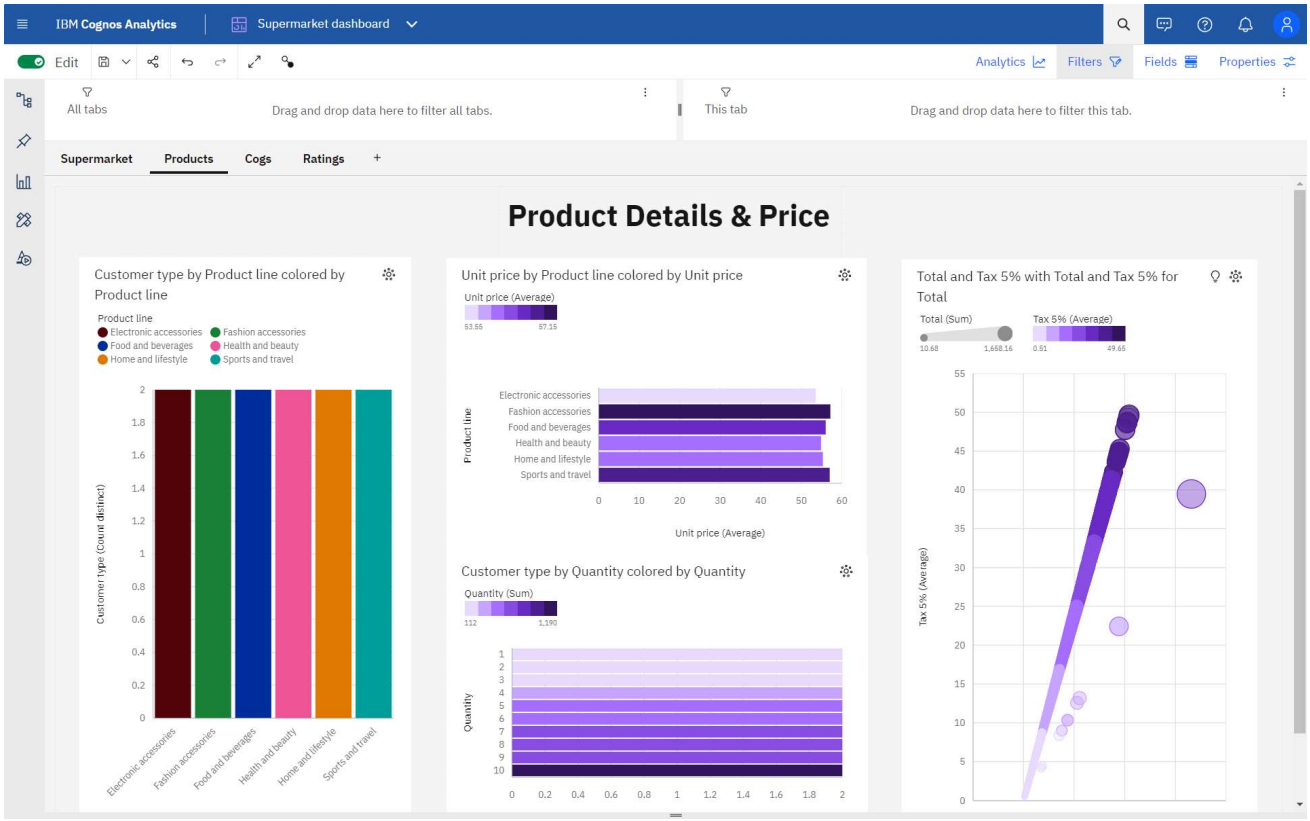


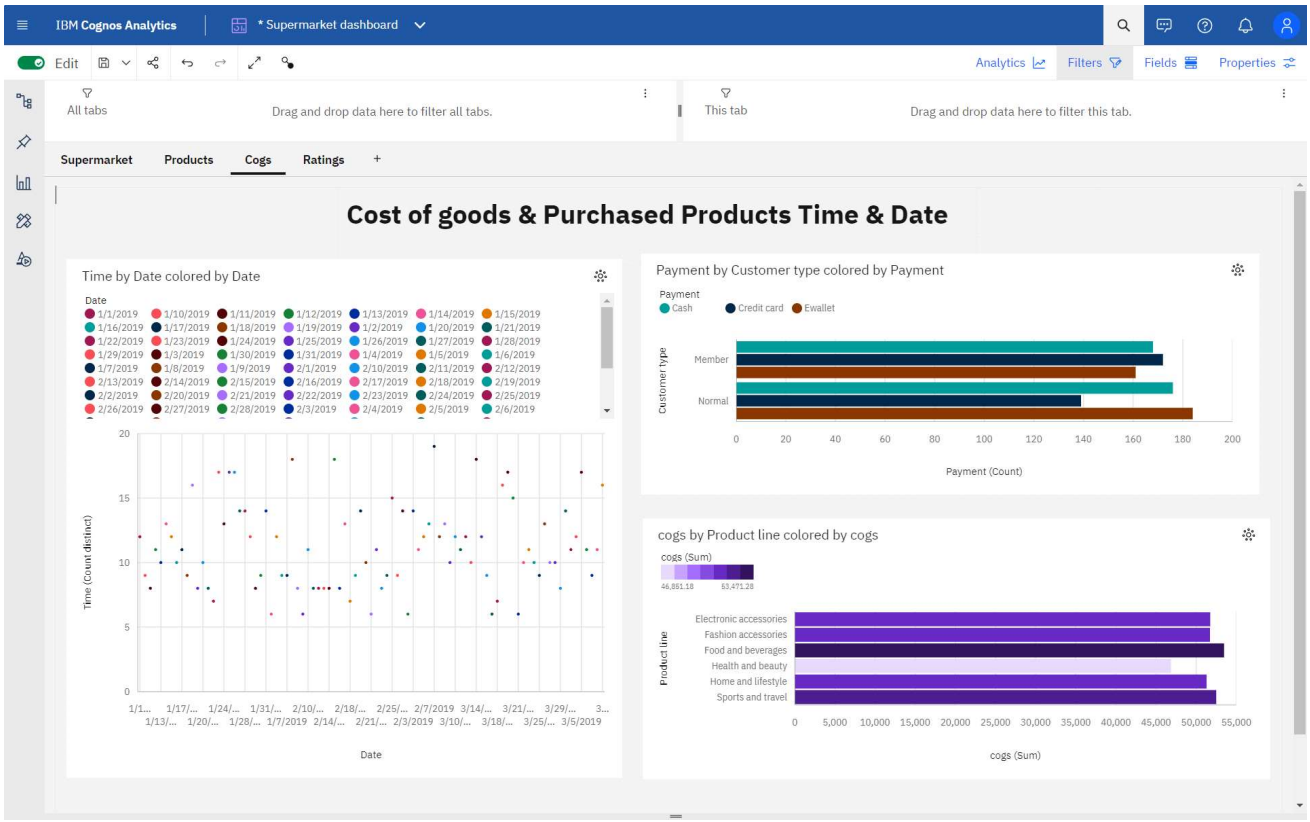
Step 4: Select the source file

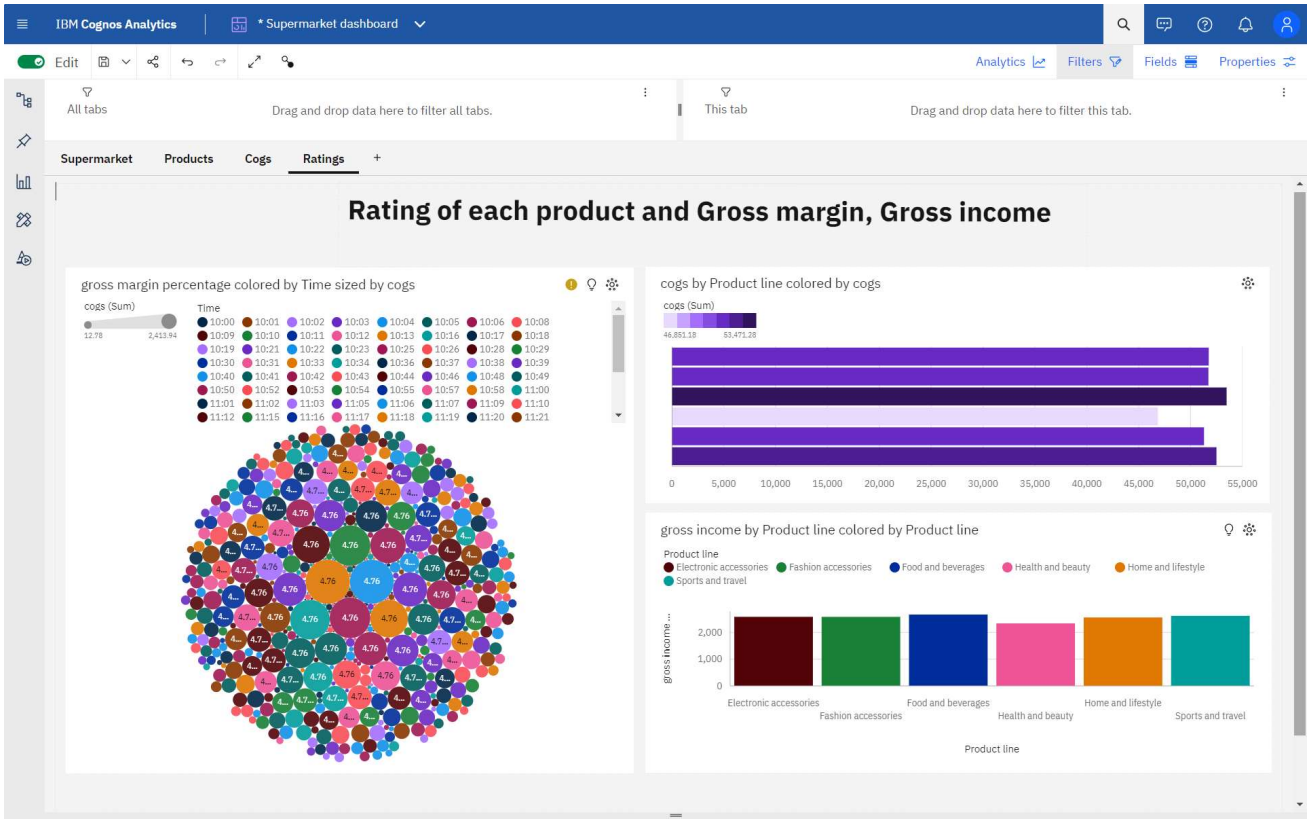


Step 5: Select Visualization charts for dashboard and save it for Dashboard Visualization.




IBM Cognos Analytics
Supermarket dashboard
Edit
Analytics
Filters
Fields
Properties
All tabs
Drag and drop data here to filter all tabs.
This tab
Drag and drop data here to filter this tab.
Supermarket
Products
Cogs
Ratings
Product Details & Price
Customer type by Product line colored by Product line
Product line
Electronic accessories
Fashion accessories
Food and beverages
Health and beauty
Home and lifestyle
Sports and travel
Customer type (Count distinct)
Unit price by Product line colored by Unit price
Unit price (Average)
Product line
Unit price (Average)
Customer type by Quantity colored by Quantity
Quantity (Sum)
Quantity
Total and Tax 5% with Total and Tax 5% for Total
Total (Sum)
Tax 5% (Average)
Tax 5% (Average)


IBM Cognos Analytics
* Supermarket dashboard
Edit
Analytics
Filters
Fields
Properties
All tabs
Drag and drop data here to filter all tabs.
This tab
Drag and drop data here to filter this tab.
Supermarket
Products
Cogs
Ratings
Cost of goods & Purchased Products Time & Date
Time by Date colored by Date
Date
Time (Count distinct)
Payment by Customer type colored by Payment
Payment
Cash
Credit card
Ewallet
Customer type
Member
Normal
Payment (Count)
cogs by Product line colored by cogs
cogs (Sum)
Product line
Electronic accessories
Fashion accessories
Food and beverages
Health and beauty
Home and lifestyle
Sports and travel
cogs (Sum)



Thus, the Dataset has been uploaded to Cognos and the Data Module, Exploration and Dashboard of the dataset has been created and Visualized in this Assignment.