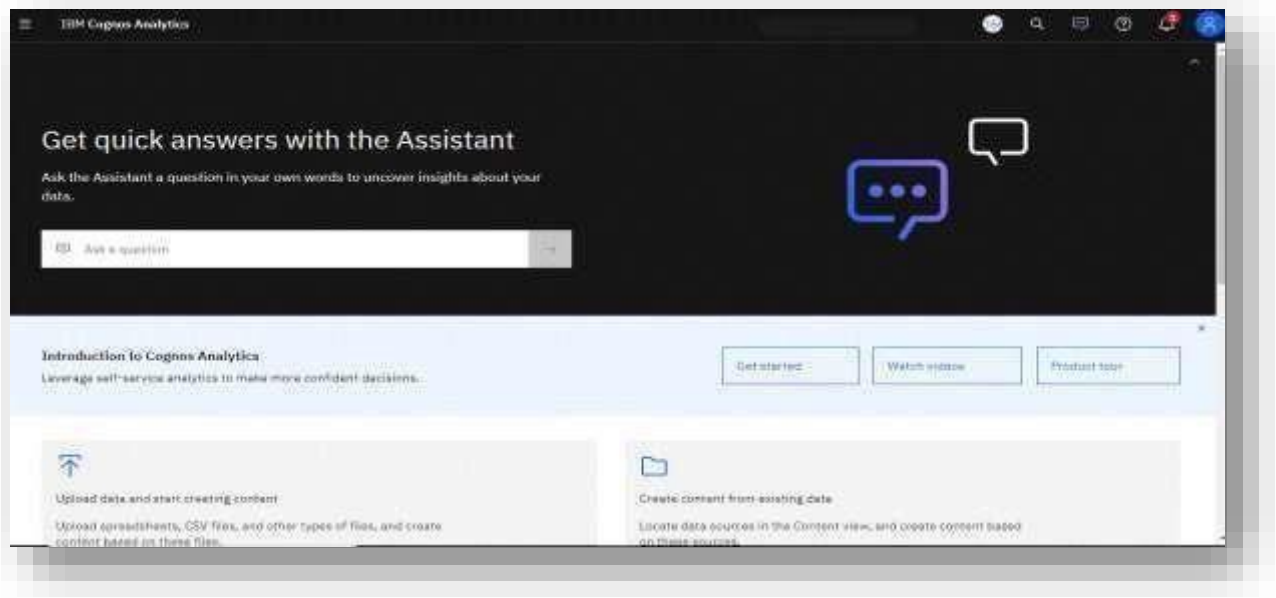
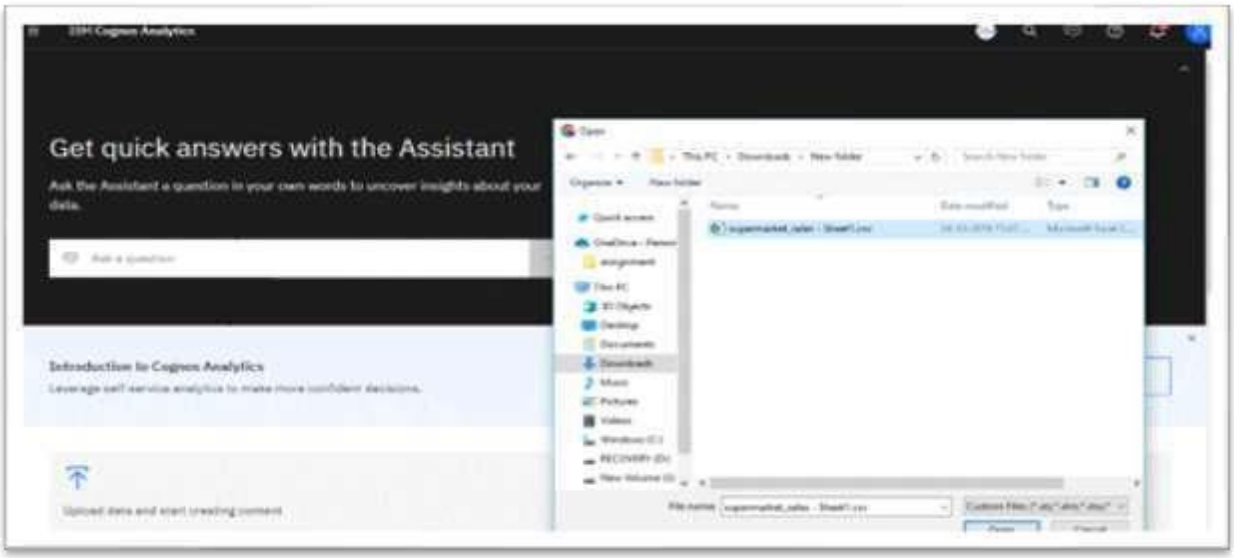
SUPERMARKET SALES DATA ANALYSIS

NAME : BHARATH R

TASK 1 : Upload the Dataset to Cognos Analytics. STEP 1

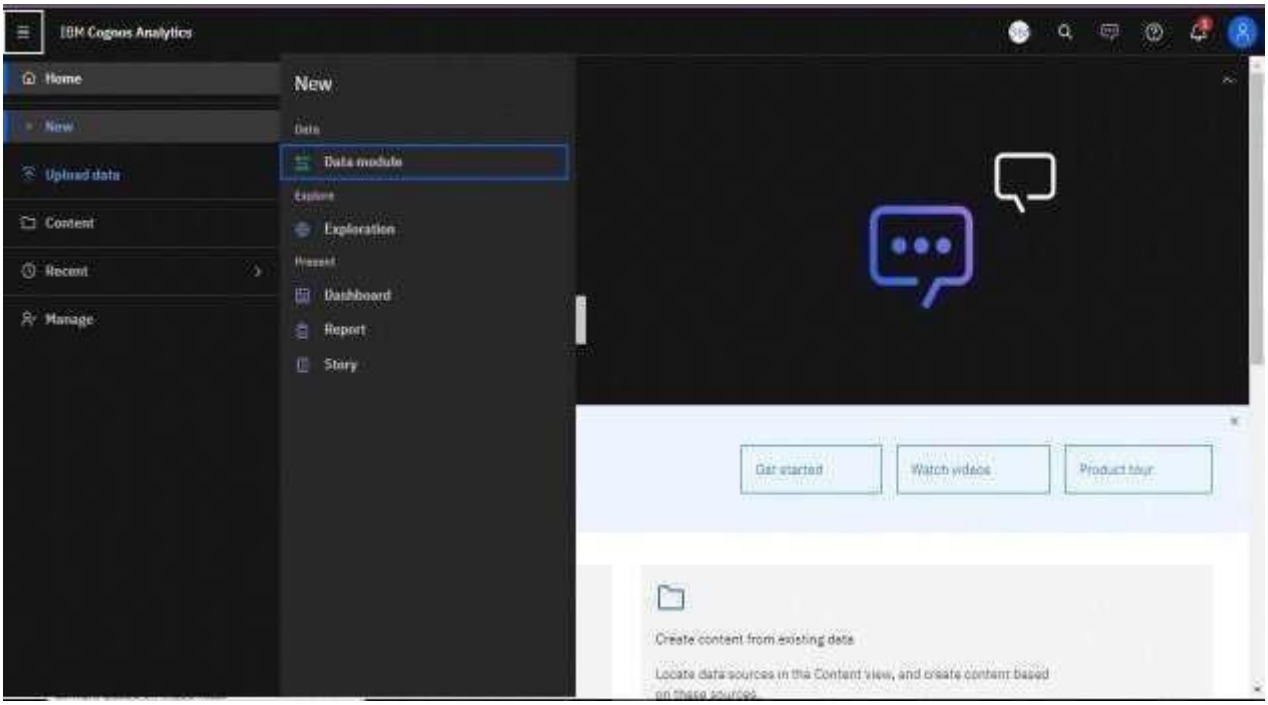


STEP 2

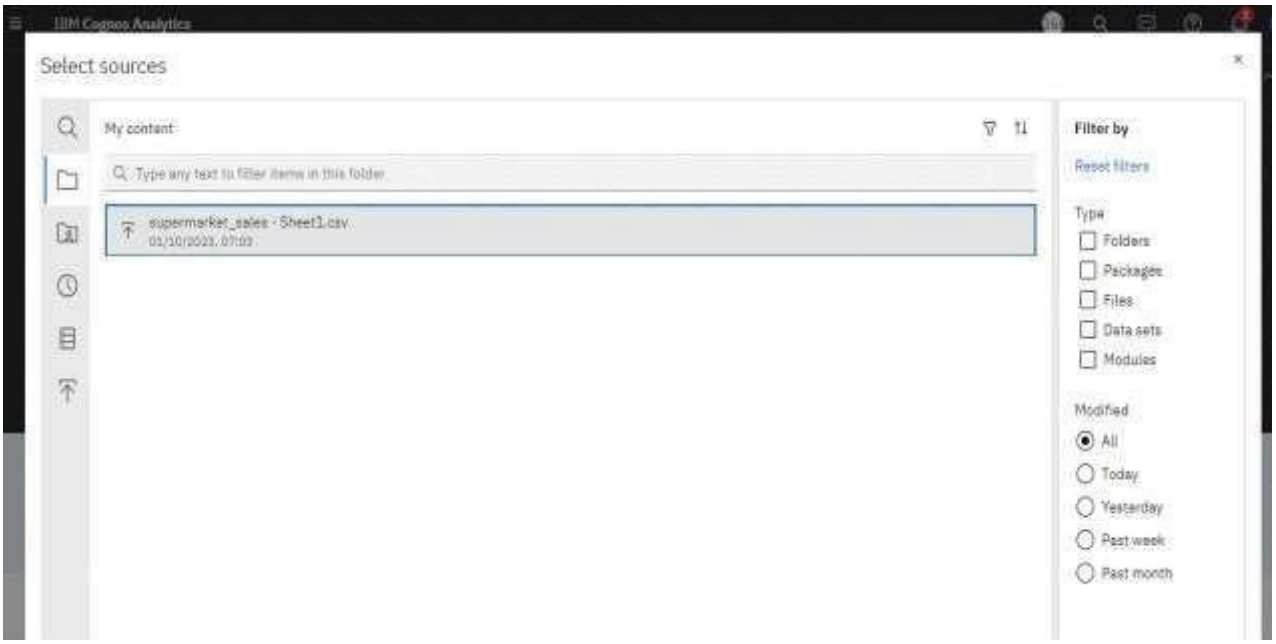


TASK 2 : Create a Data Module, Delete The Unnecessary Columns.

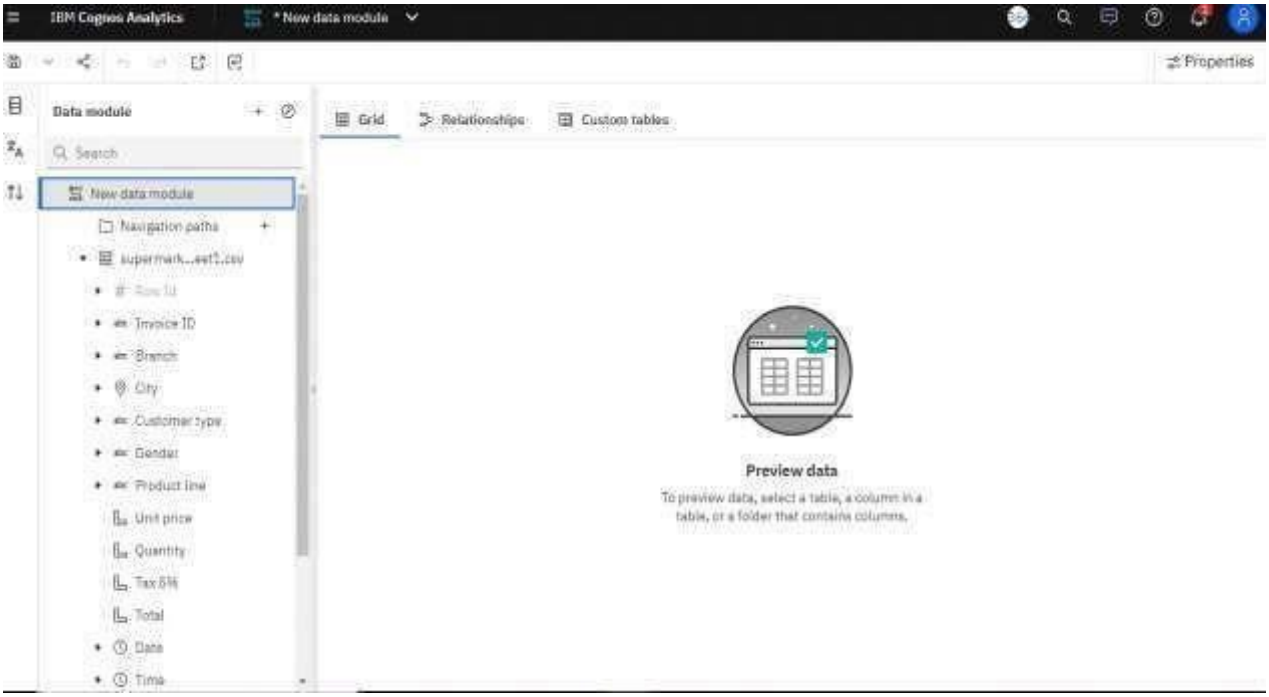
STEP 1



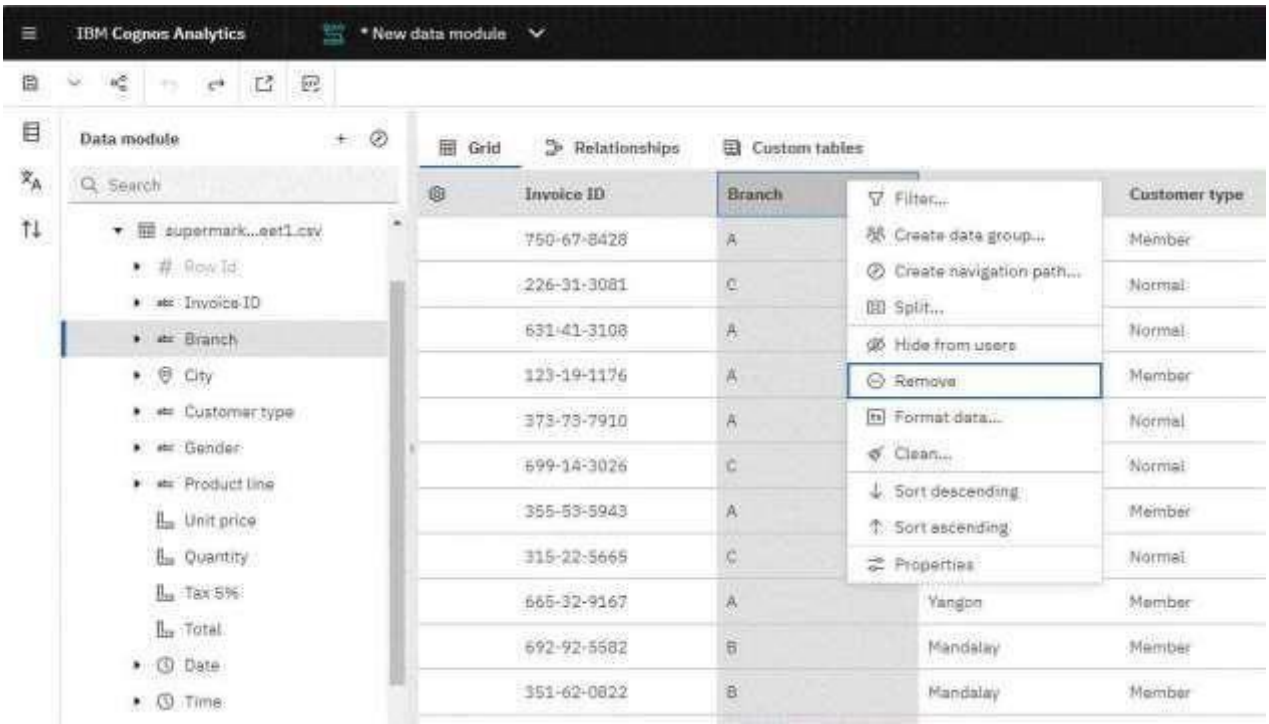
STEP 2



STEP 3

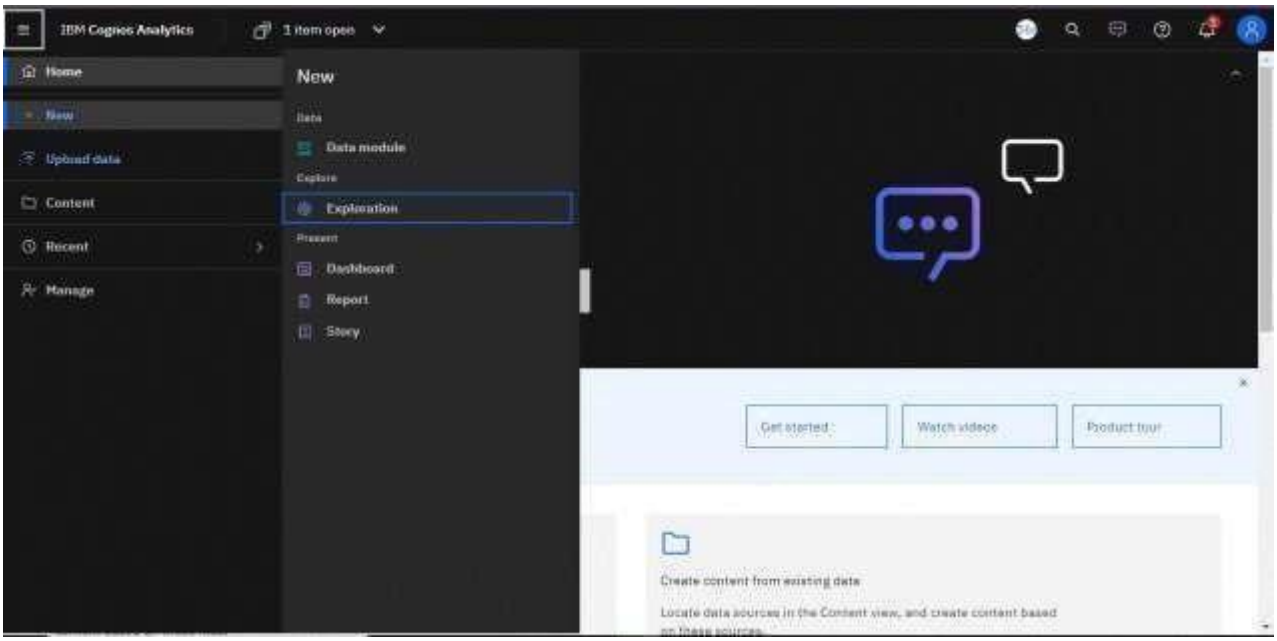

IBM Cognos Analytics
* New data module
Properties
Data module
Search
New data module
Navigation paths
supermark...eet1.csv
Row Id
Invoice ID
Branch
City
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Total
Date
Time
Grid
Relationships
Custom tables
Preview data
To preview data, select a table, a column in a table, or a folder that contains columns.

STEP 4

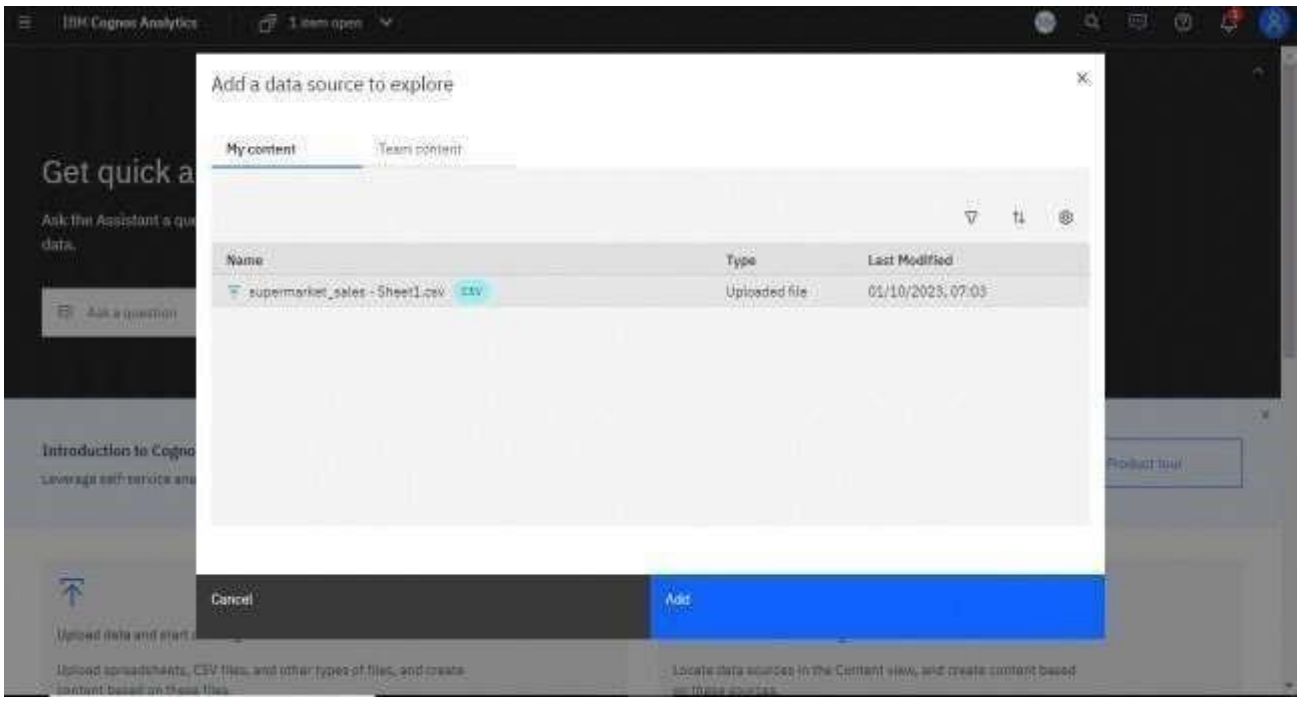

IBM Cognos Analytics
* New data module
Data module
Search
supermark...eet1.csv
Row Id
Invoice ID
Branch
City
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Total
Date
Time
Grid
Relationships
Custom tables
Invoice ID
Branch
Customer type
750-67-8428
A
Member
226-31-3081
C
Normal
631-41-3108
A
Normal
123-19-1176
A
Member
373-73-7910
A
Normal
699-14-3026
C
Normal
355-53-5943
A
Member
315-22-5665
C
Normal
665-32-9167
A
Yangon
Member
692-92-5582
B
Mandalay
Member
351-62-0822
B
Mandalay
Member
Filter...
Create data group...
Create navigation path...
Split...
Hide from users
Remove
Format data...
Clean...
Sort descending
Sort ascending
Properties

TASK 3: Explore the Dataset.

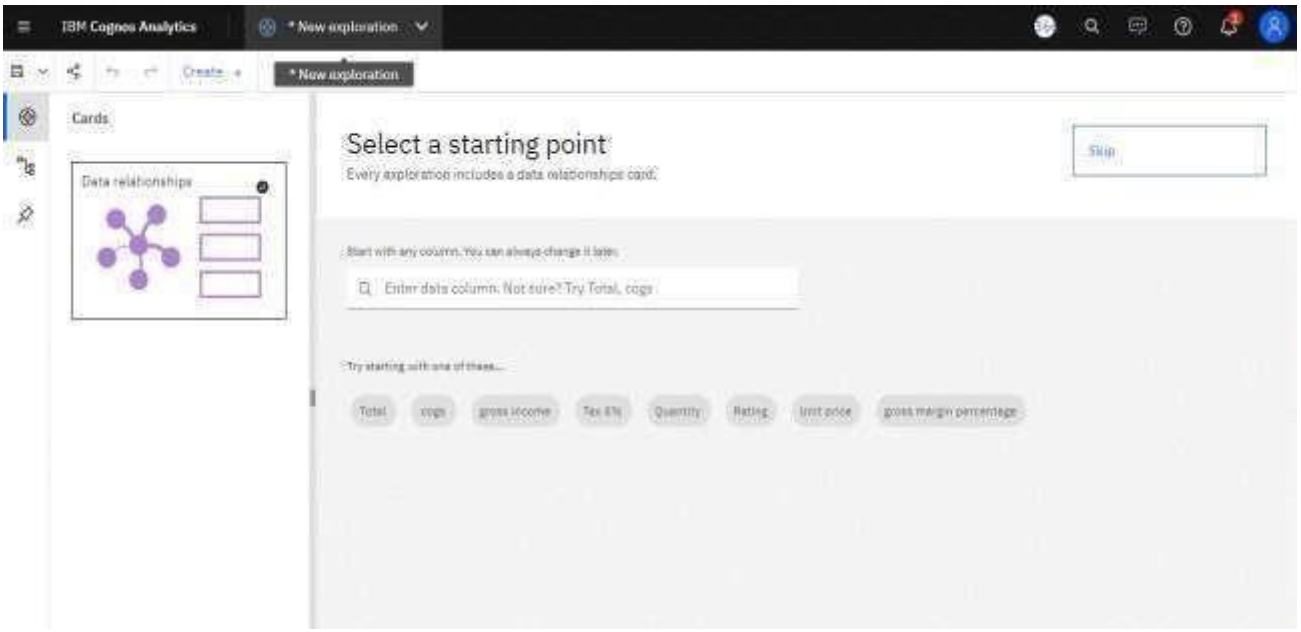
STEP 1



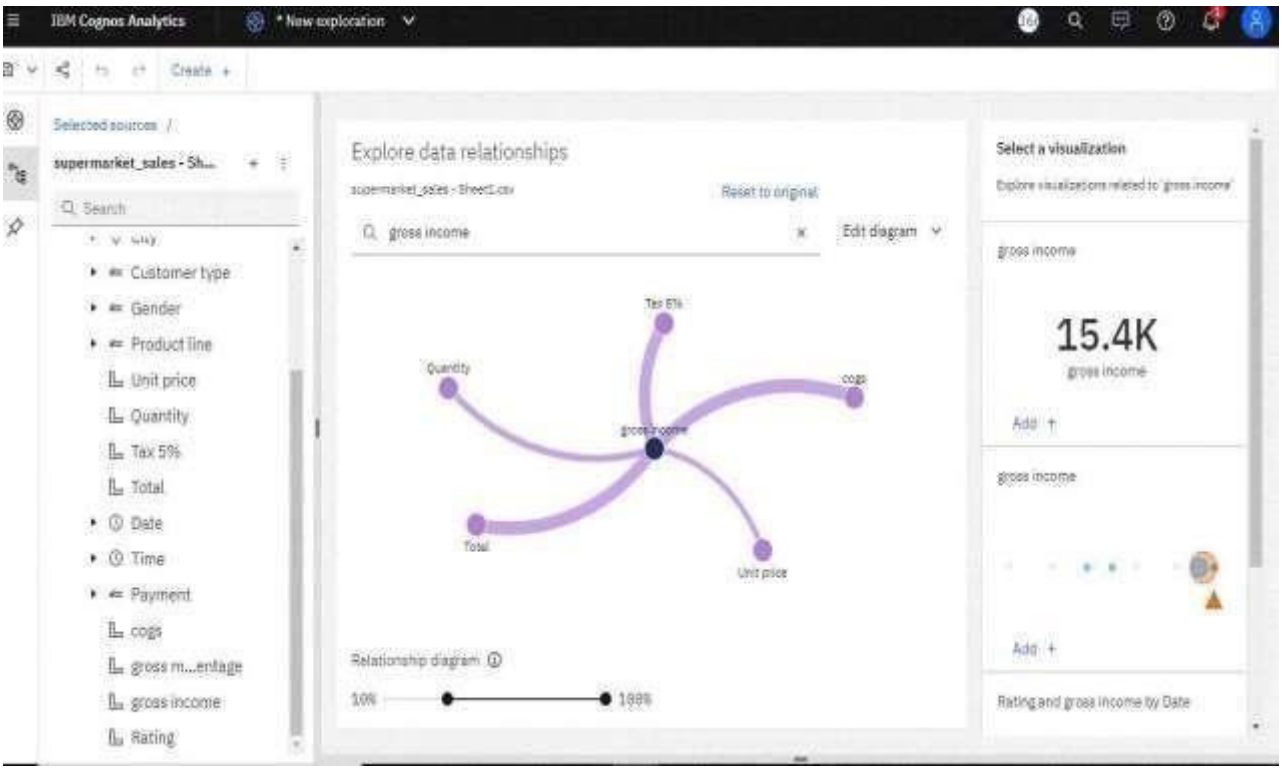
STEP 2

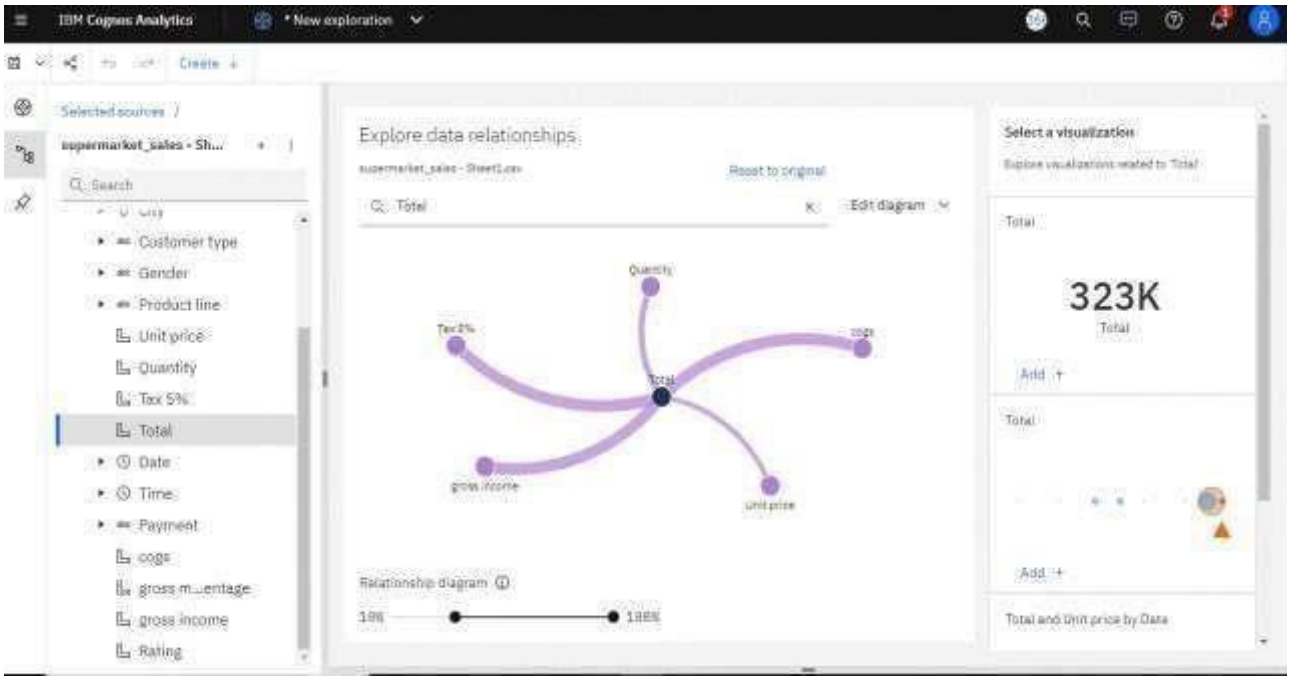


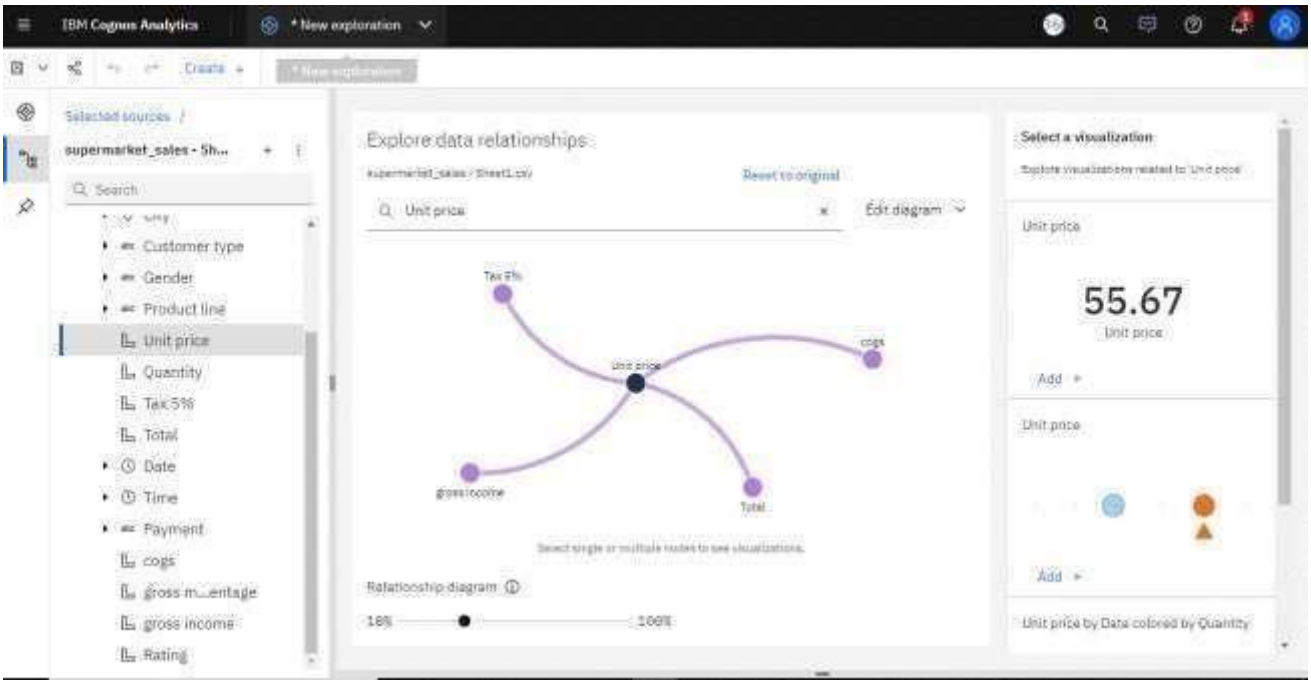
STEP 3

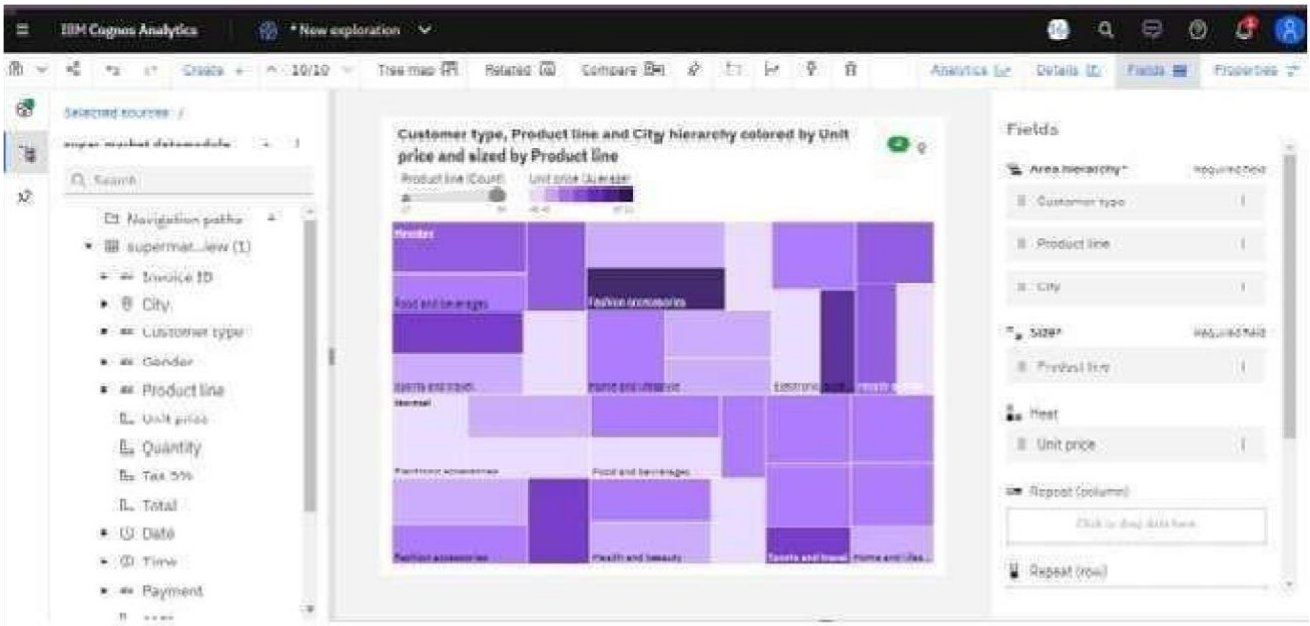


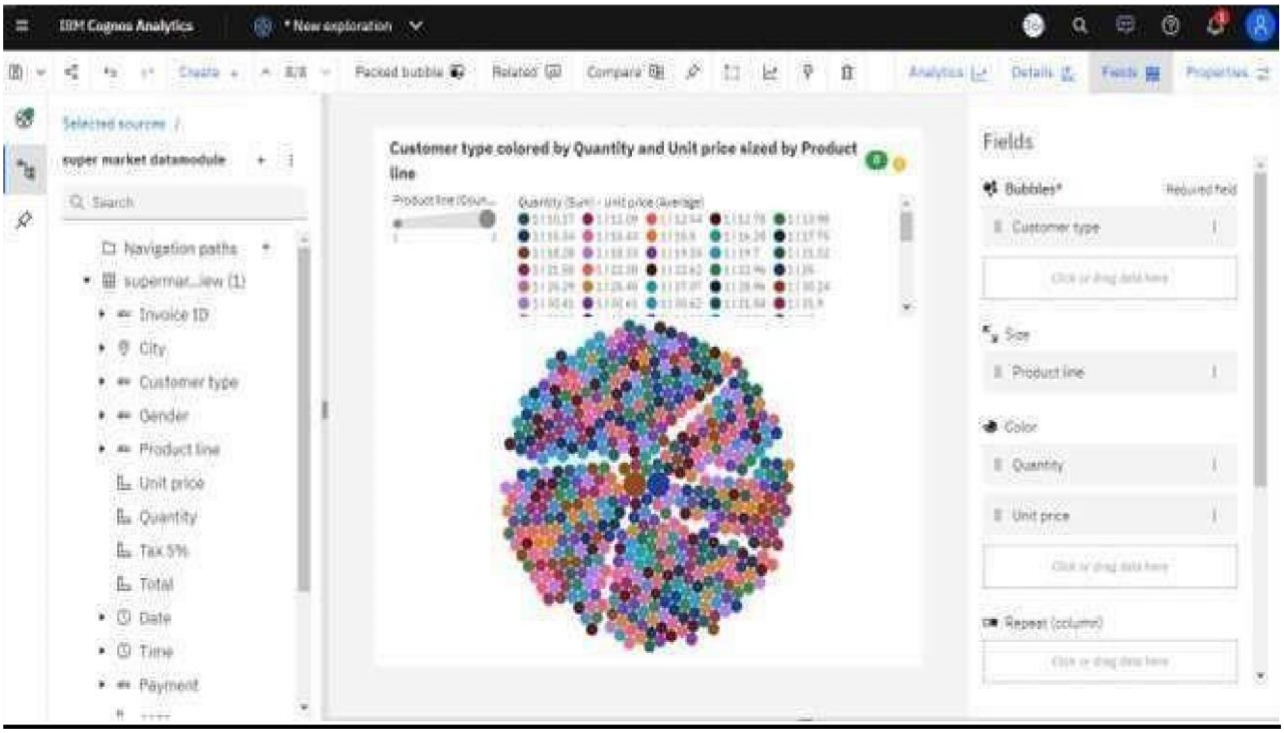
STEP 4 SOME DATA EXPLORATION

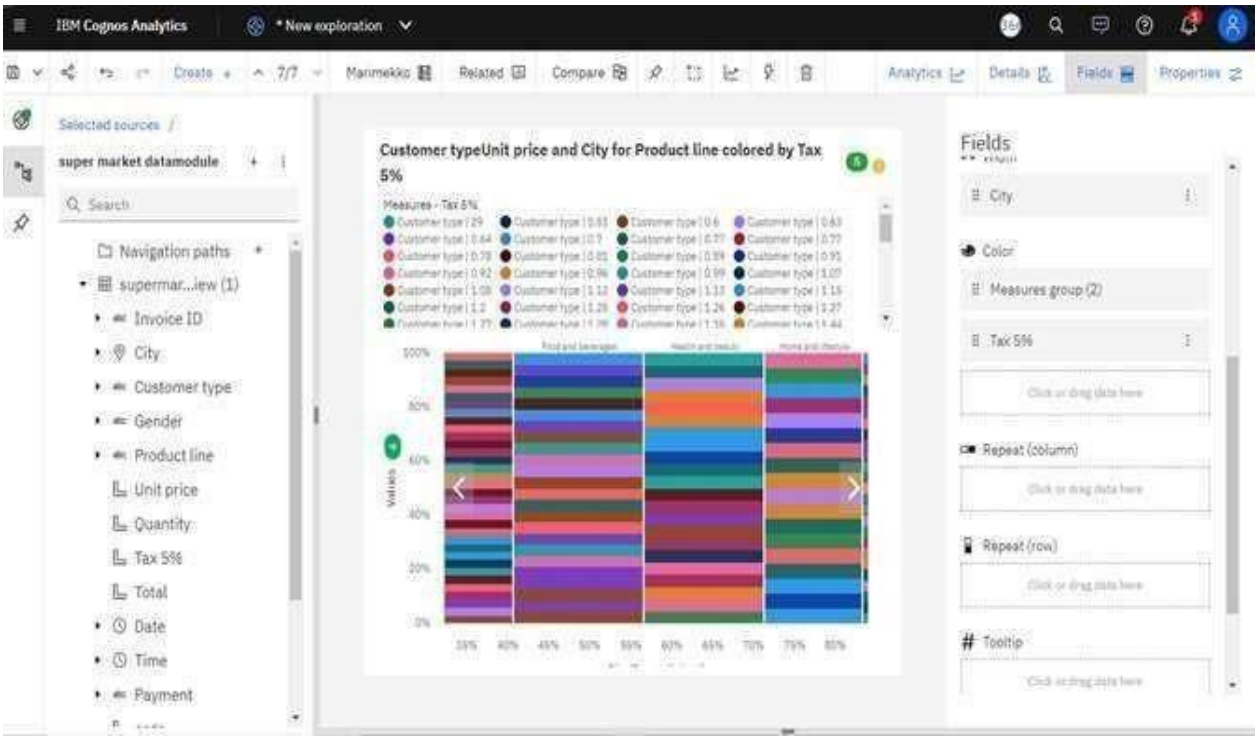


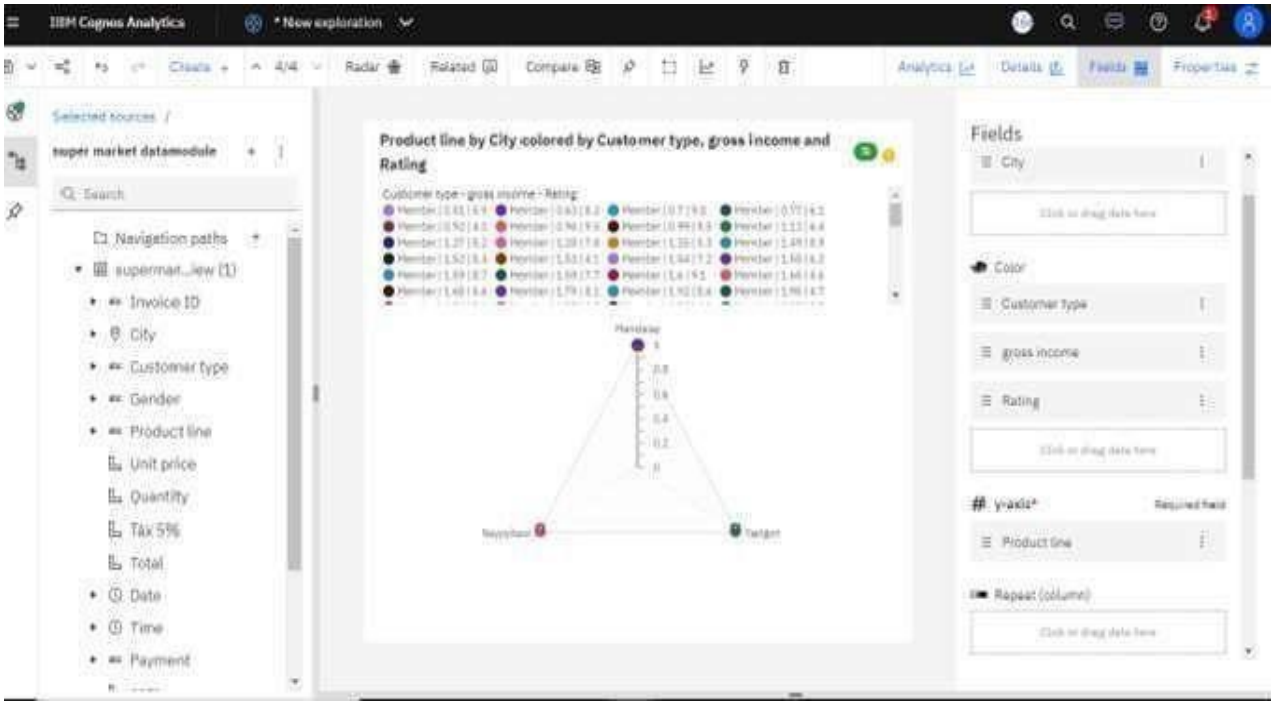

IBM Cognos Analytics
* New exploration
Create
Selected sources
supermarket_sales - Sh...
Search
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Total
Date
Time
Payment
cogs
gross m...entage
gross income
Rating
Explore data relationships
Reset to original
Total
Edit diagram
Quantity
Tax 5%
cogs
Total
gross income
Unit price
Relationship diagram
18%
100%
Select a visualization
Total
323K
Total
Add
Total and Unit price by Data


IBM Cognos Analytics
* New exploration
Create
Selected sources
supermarket_sales - Sh...
Search
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Total
Date
Time
Payment
cogs
gross m...entage
gross income
Rating
Explore data relationships
Reset to original
Unit price
Edit diagram
Tax 5%
cogs
Unit price
gross income
Total
Relationship diagram
18%
100%
Select a visualization
Unit price
55.67
Unit price
Add
Unit price by Data colored by Quantity


IBM Cognos Analytics
* New exploration
Tree map
Related
Compare
Analytics
Details
Fields
Properties
Selected sources
Navigation paths
Invoice ID
City
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Total
Date
Time
Payment
Customer type, Product line and City hierarchy colored by Unit price and sized by Product line
Fields
Area hierarchy*
Customer type
Product line
City
Size*
Heat
Unit price
Repeat (column)
Repeat (row)

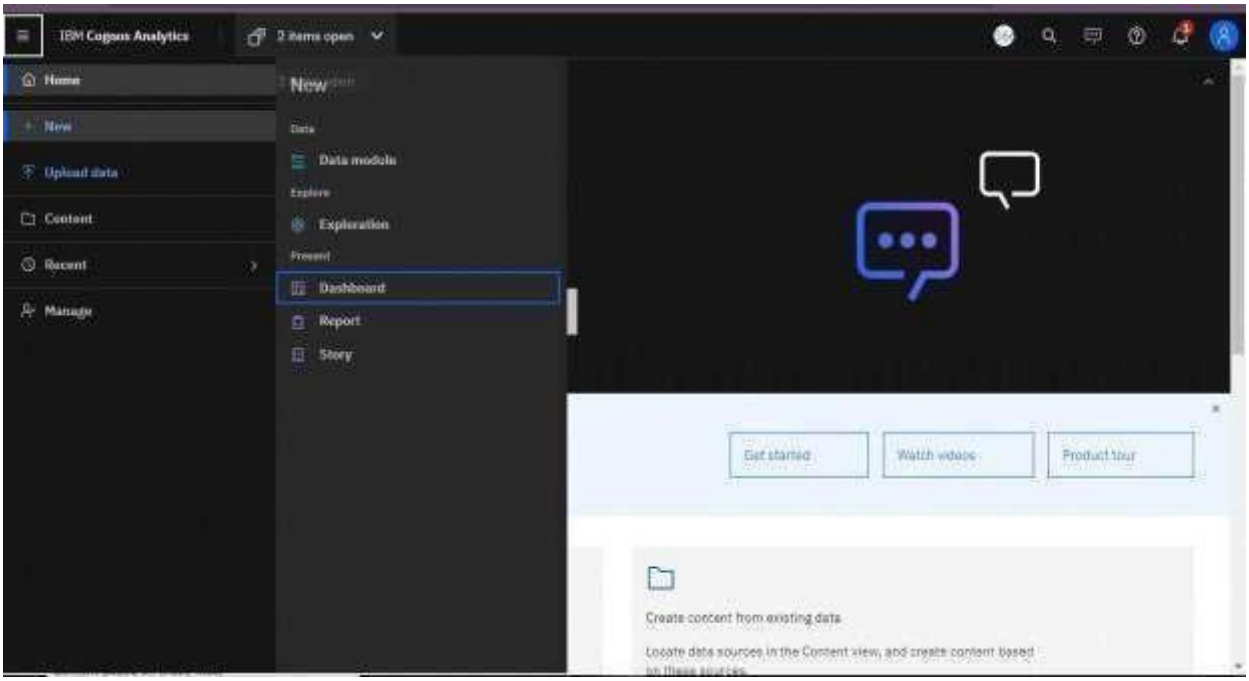

IBM Cognos Analytics
* New exploration
Packed bubble
Related
Compare
Analytics
Details
Fields
Properties
Selected sources
super market datamodule
Search
Navigation paths
Invoice ID
City
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Total
Date
Time
Payment
Customer type colored by Quantity and Unit price sized by Product line
Fields
Bubbles*
Customer type
Size
Product line
Color
Quantity
Unit price
Repeat (column)


IBM Cognos Analytics
* New exploration
Create
7/7
Marimekko
Related
Compare
Analytics
Details
Fields
Properties
Selected sources
super market datamodule
Search
Navigation paths
supermar...iew (1)
Invoice ID
City
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Total
Date
Time
Payment
Customer typeUnit price and City for Product line colored by Tax 5%
Measures - Tax 5%
Values
Fields
City
Color
Measures group (2)
Tax 5%
Repeat (column)
Repeat (row)
Tooltip

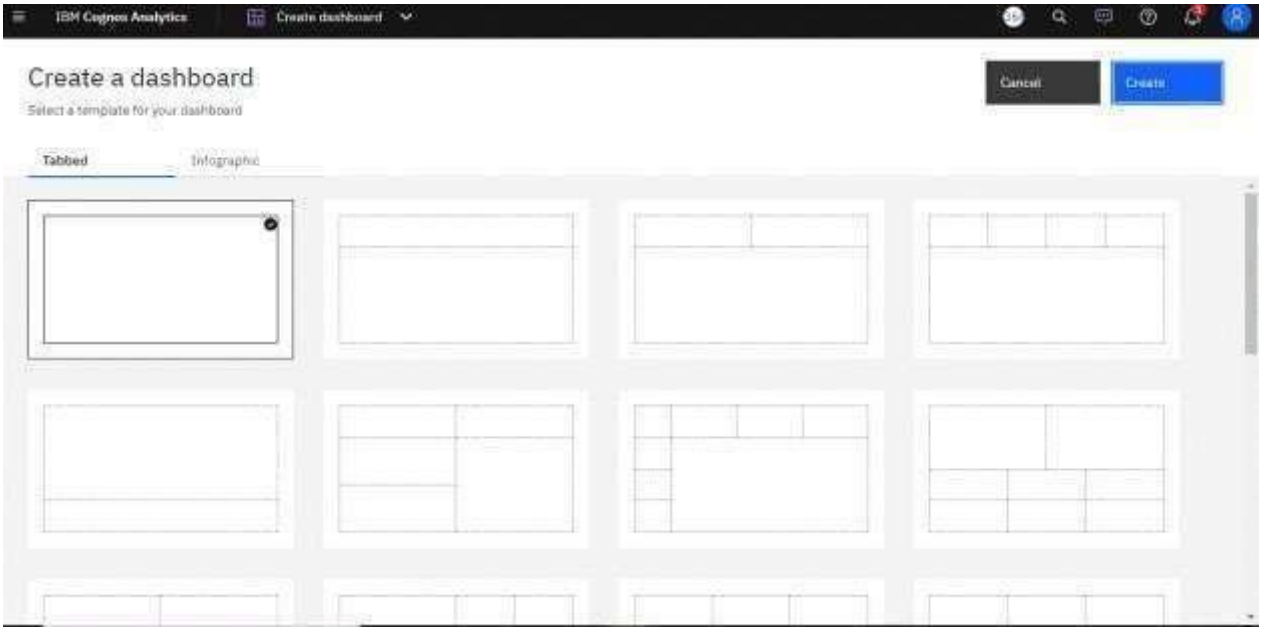

IBM Cognos Analytics
* New exploration
Create
4/4
Radar
Related
Compare
Analytics
Details
Fields
Properties
Selected sources
super market datamodule
Search
Navigation paths
supermar...iew (1)
Invoice ID
City
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Total
Date
Time
Payment
Product line by City colored by Customer type, gross income and Rating
Customer type - gross income - Rating
Fields
City
Color
Customer type
gross income
Rating
y-axis*
Required field
Product line
Repeat (column)

TASK 4: Visualize the Data Set.

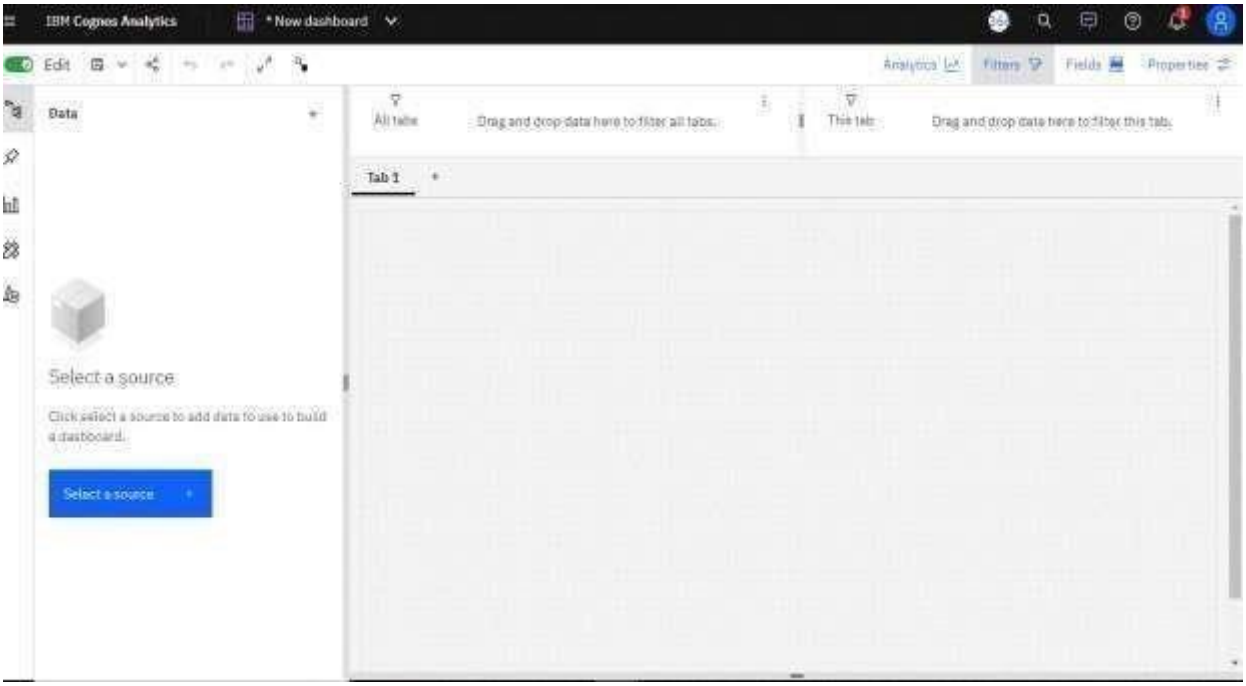
STEP 1



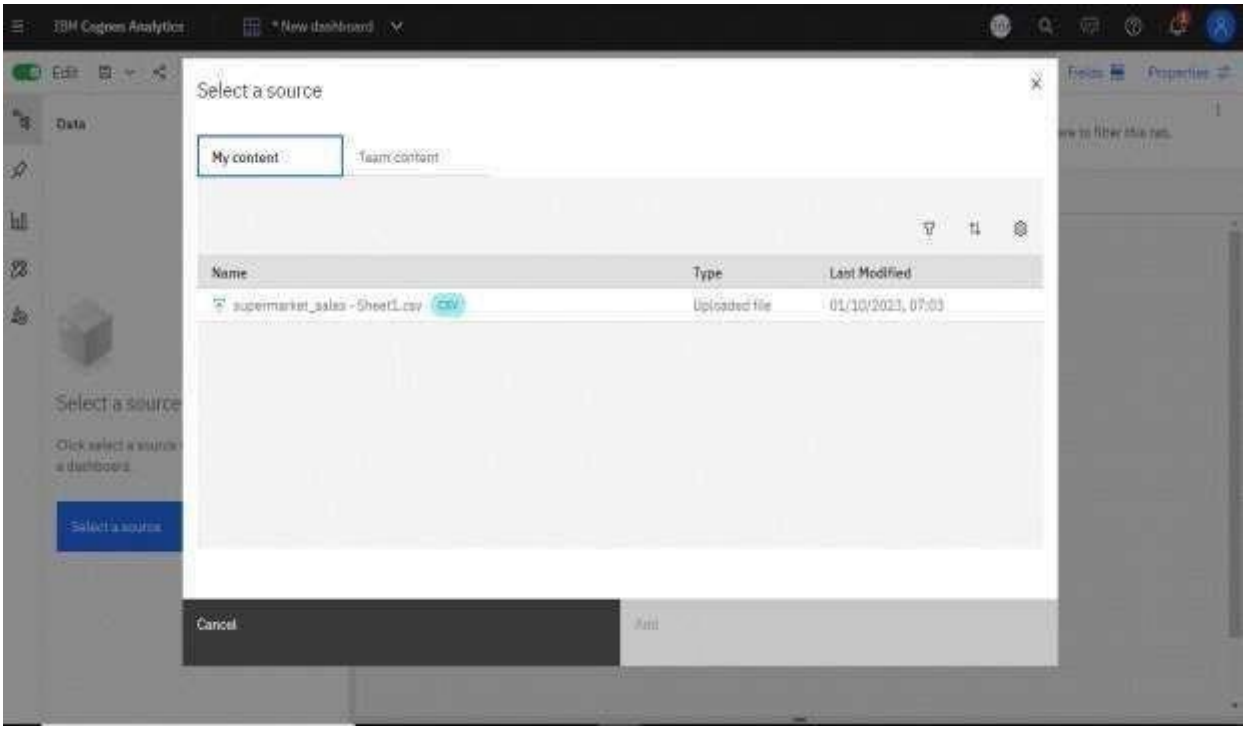
STEP 2



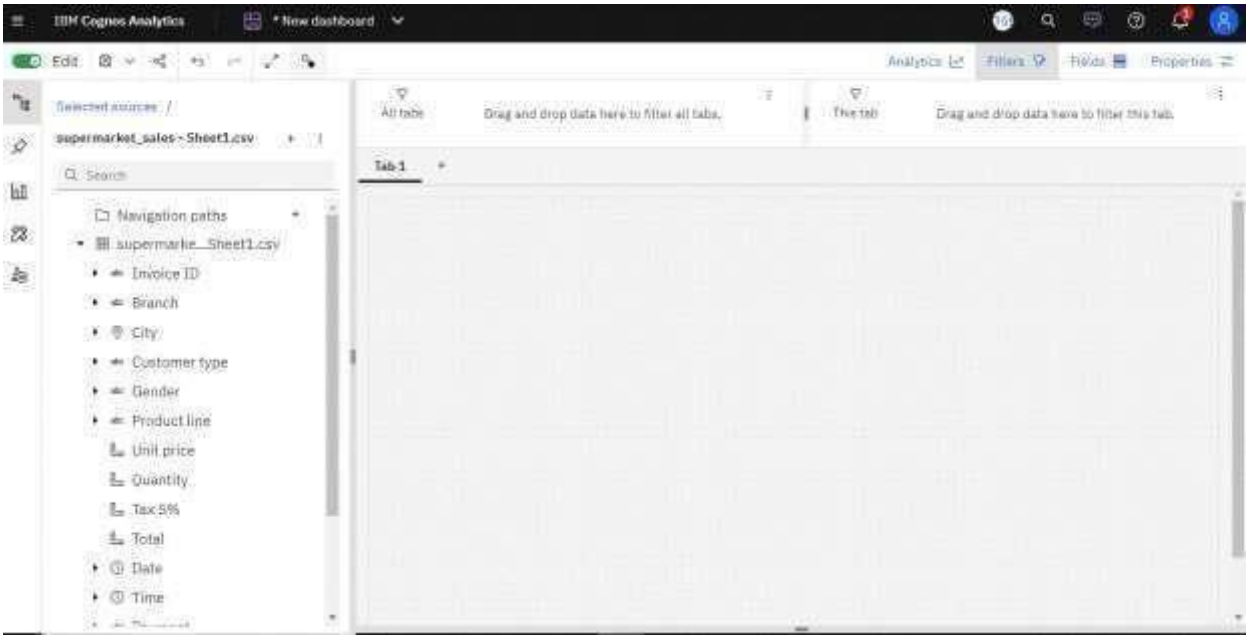
STEP 3


IBM Cognos Analytics
* New dashboard
Edit
Analytics
Filters
Fields
Properties
Data
All tabs
Drag and drop data here to filter all tabs.
This tab
Drag and drop data here to filter this tab.
Tab 1
Select a source
Click select a source to add data to use to build a dashboard.
Select a source

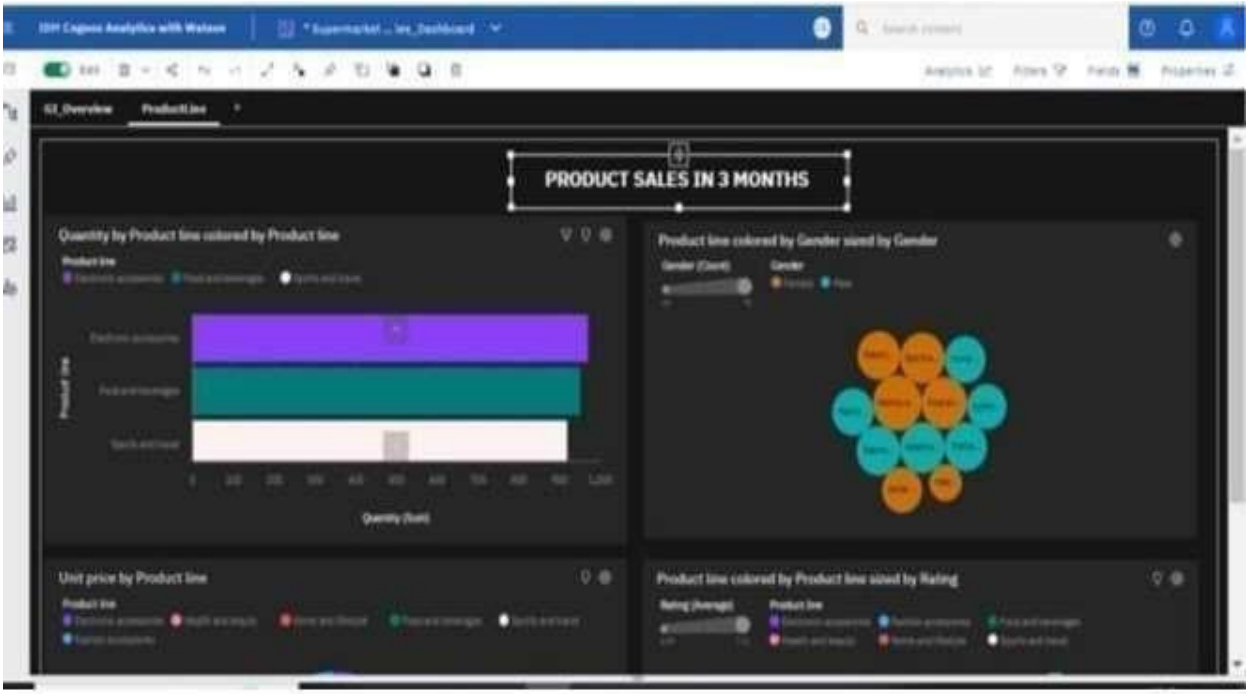
STEP 4

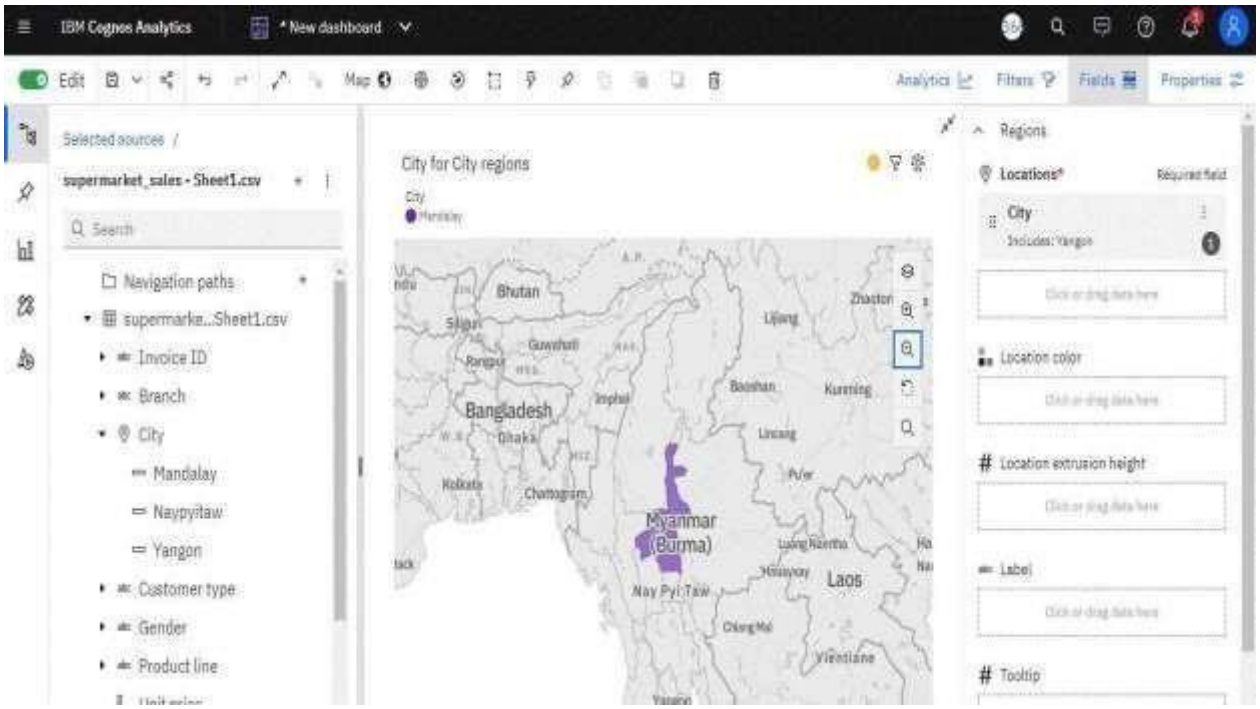

IBM Cognos Analytics
* New dashboard
Edit
Data
Select a source
My content
Team content
Name
Type
Last Modified
supermarket_sales - Sheet1.csv
CSV
Uploaded file
01/10/2023, 07:03
Cancel
Add

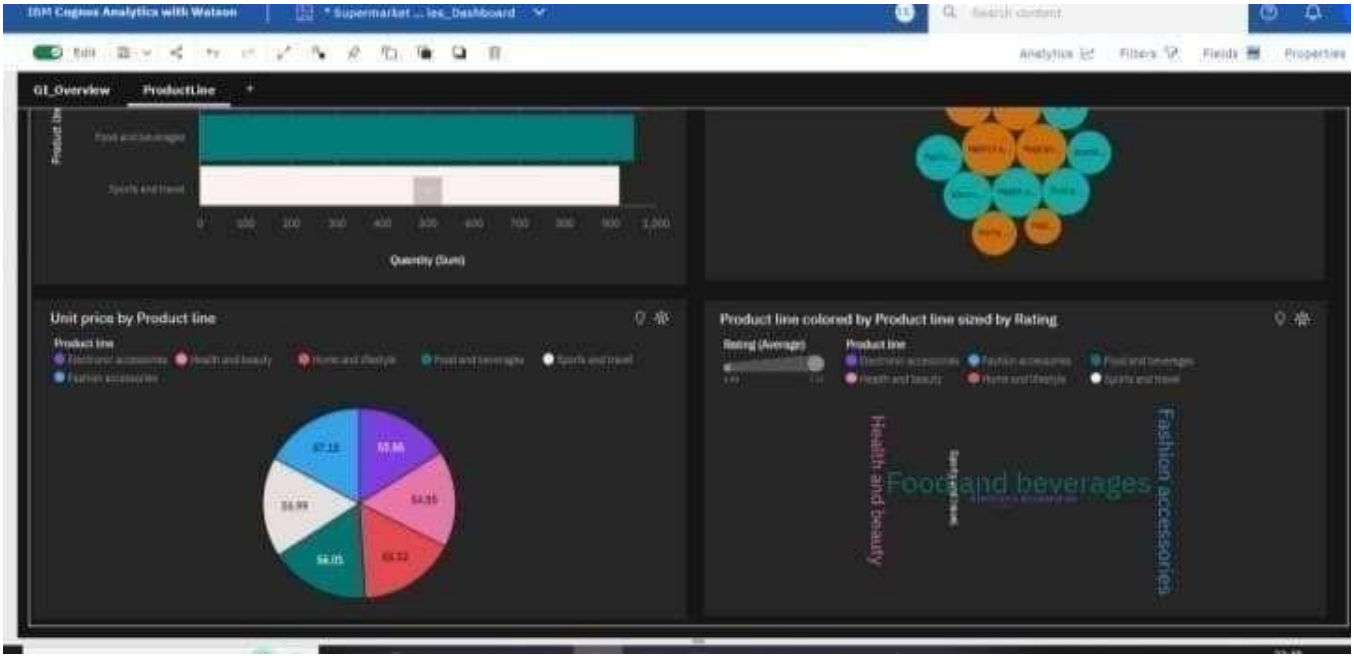
STEP 5



STEP 6 : SOME DATA Visualization




IBM Cognos Analytics
* New dashboard
Edit
Map
Analytics
Filters
Fields
Properties
Selected sources /
supermarket_sales - Sheet1.csv
Search
Navigation paths
supermarke...Sheet1.csv
Invoice ID
Branch
City
Mandalay
Naypyitaw
Yangon
Customer type
Gender
Product line
City for City regions
City
Mandalay
Bhutan
Bangladesh
Dhaka
Kolkata
Chattogram
Imphal
Myanmar (Burma)
Nay Pyi Taw
Laos
Vientiane
Lijiang
Zhaoton
Baoshan
Kunming
Lincang
Pu'er
Luang Nanthu
Hoaiyoay
Chiang Mai
Regions
Locations*
Required field
City
Includes: Yangon
Location color
Location extrusion height
Label
Tooltip


IBM Cognos Analytics with Watson
* Supermarket ... les_Dashboard
Edit
Analytics
Filters
Fields
Properties
GI_Overview
ProductLine
Quantity (Sum)
Unit price by Product line
Product line colored by Product line sized by Rating
Rating (Average)
Product line
Health and beauty
Food and beverages
Fashion accessories