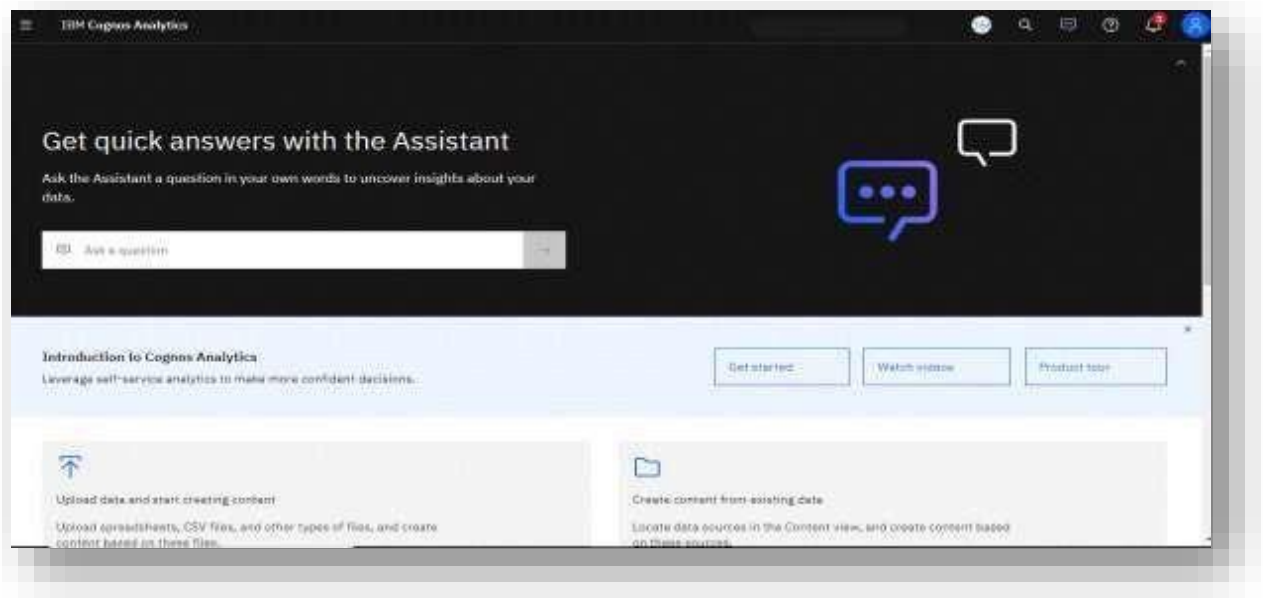
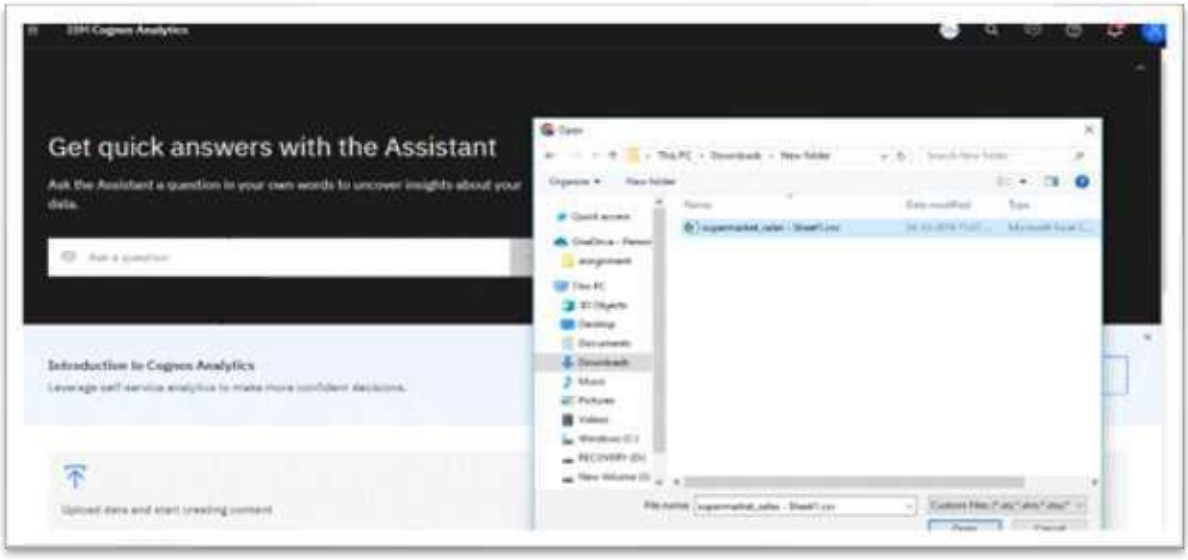
# SUPERMARKET SALES DATA ANALYSIS

**NAME: KIRUTHIKAA N**

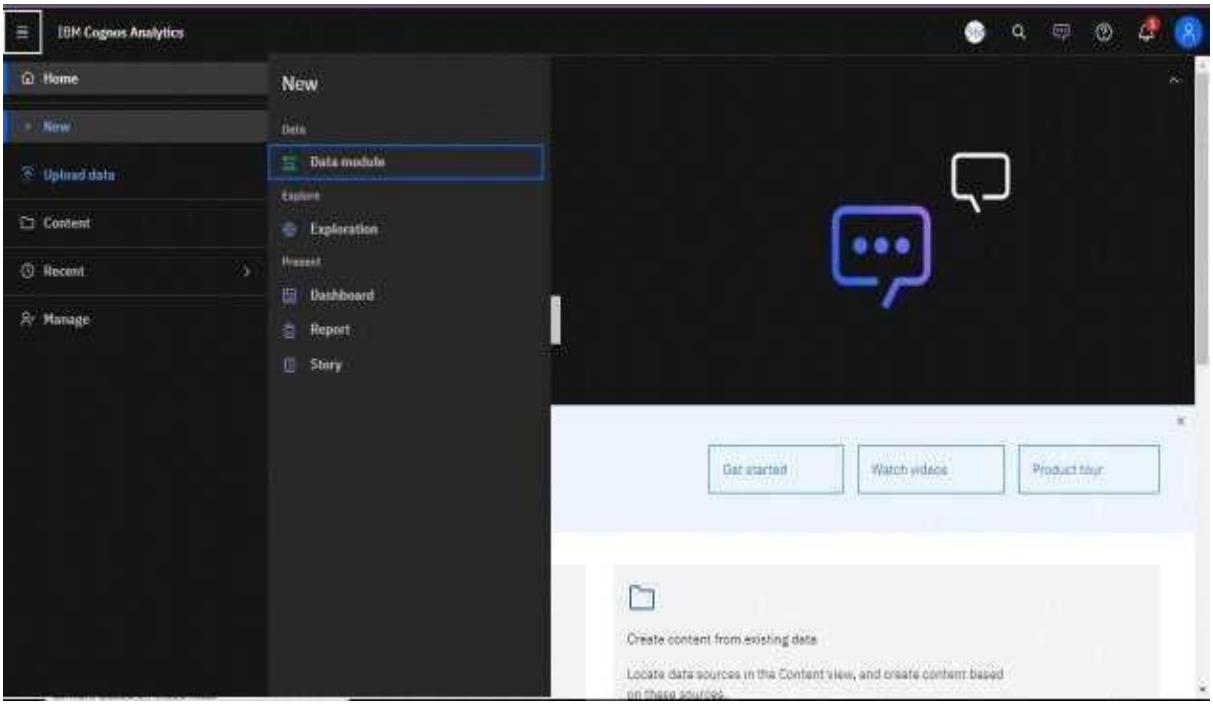
## TASK 1 : Upload the Dataset to Cognos Analytics.

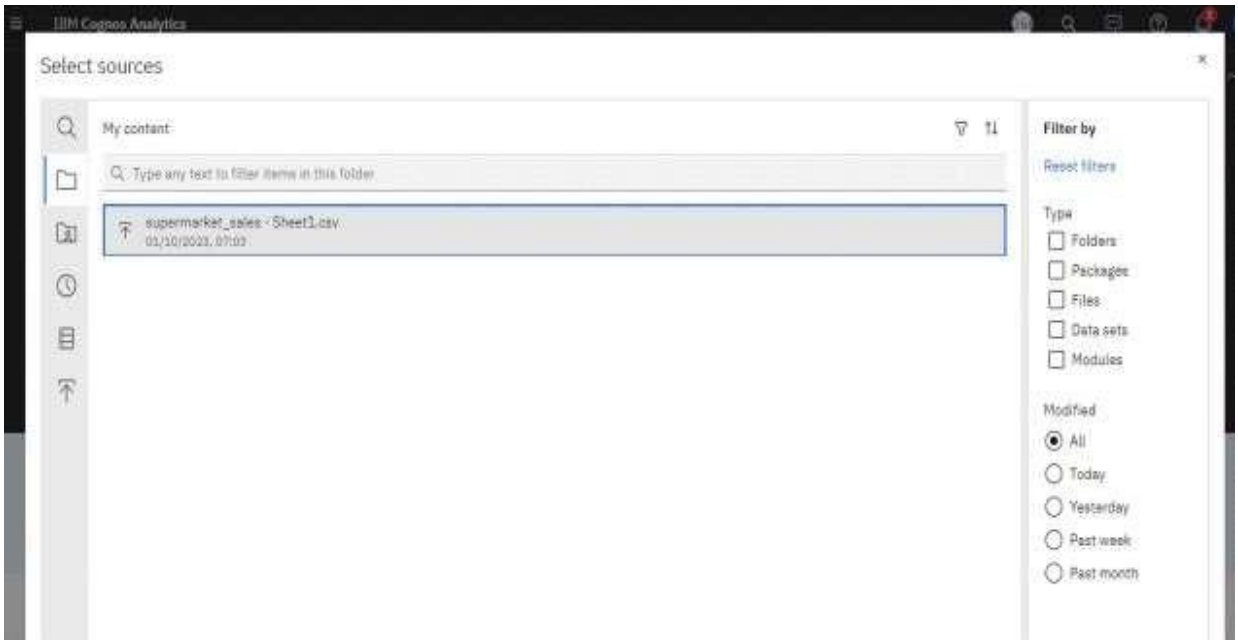
STEPS

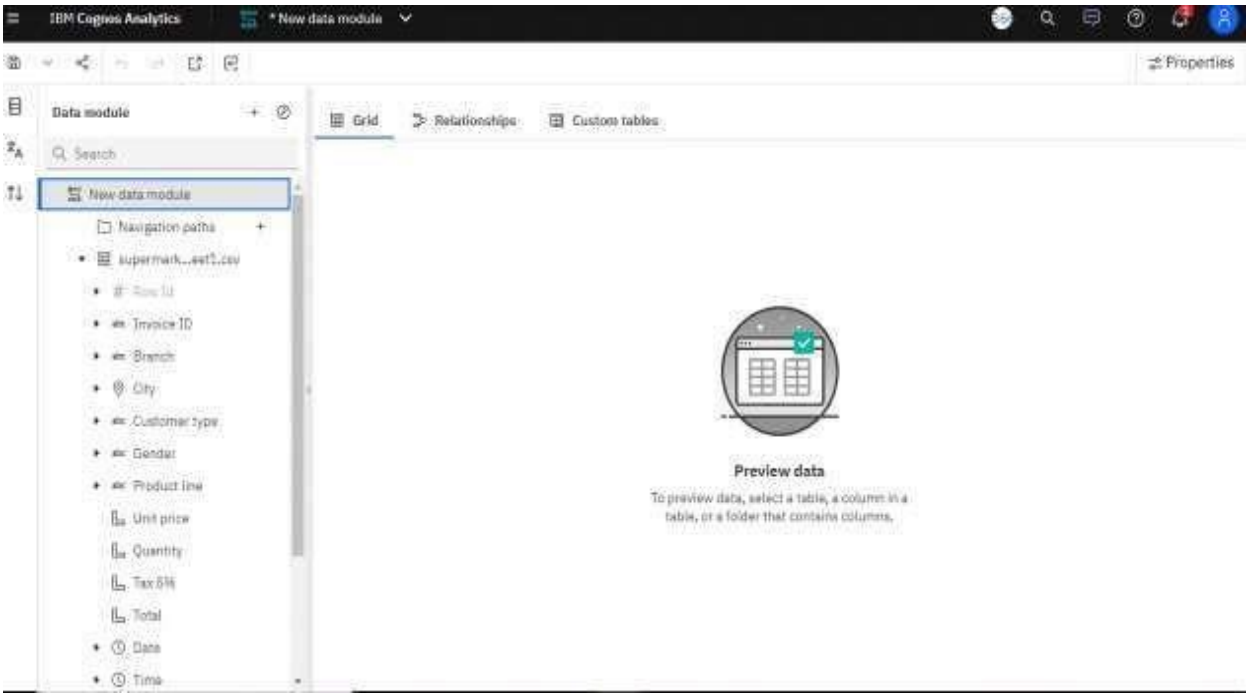


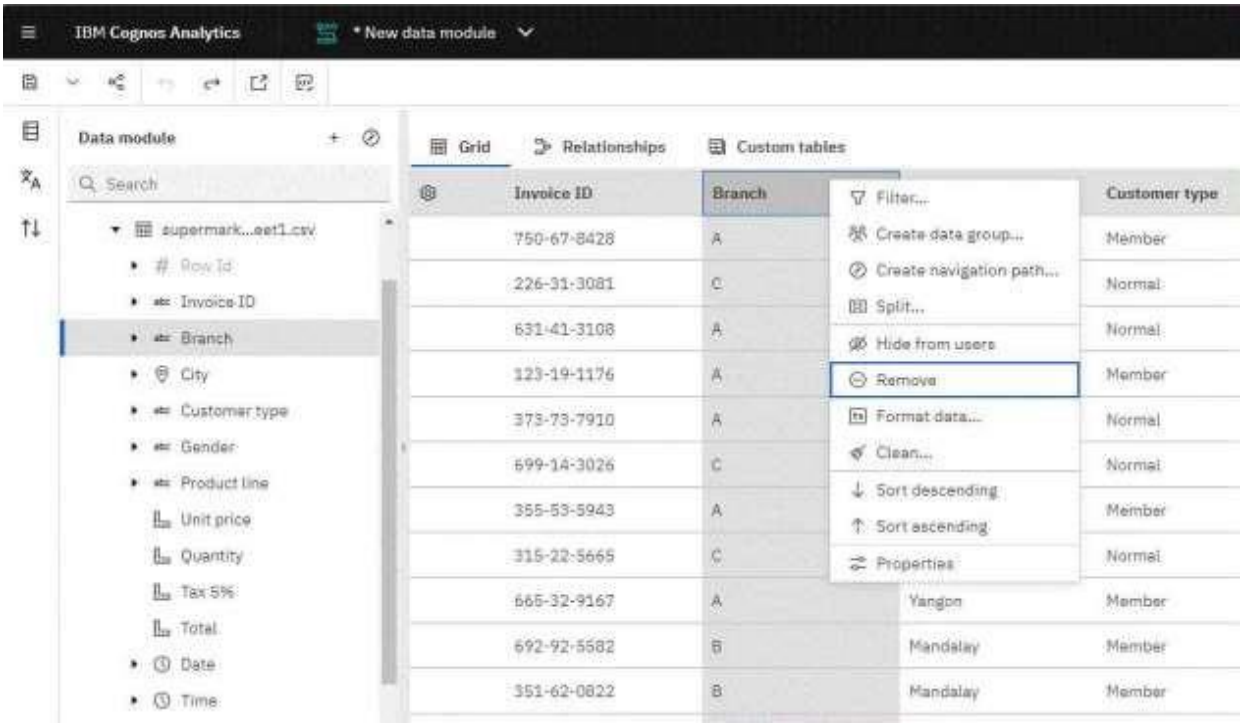



# TASK 2 : Create a Data Module, Delete The Unnecessary Columns

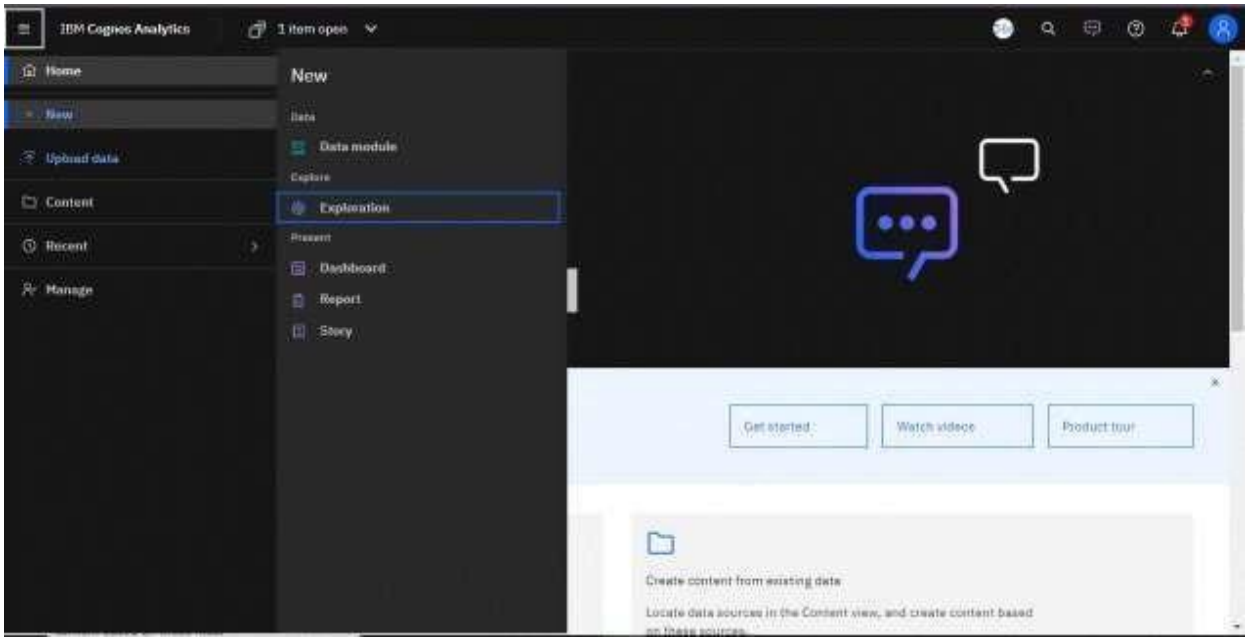


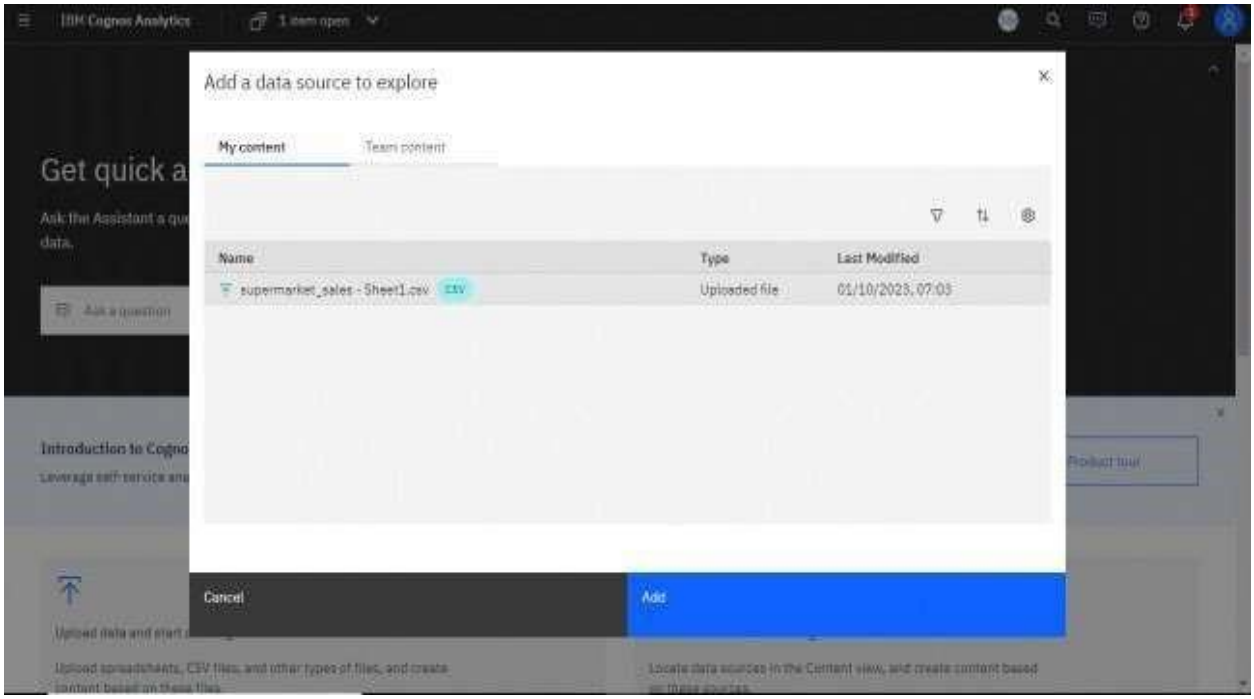



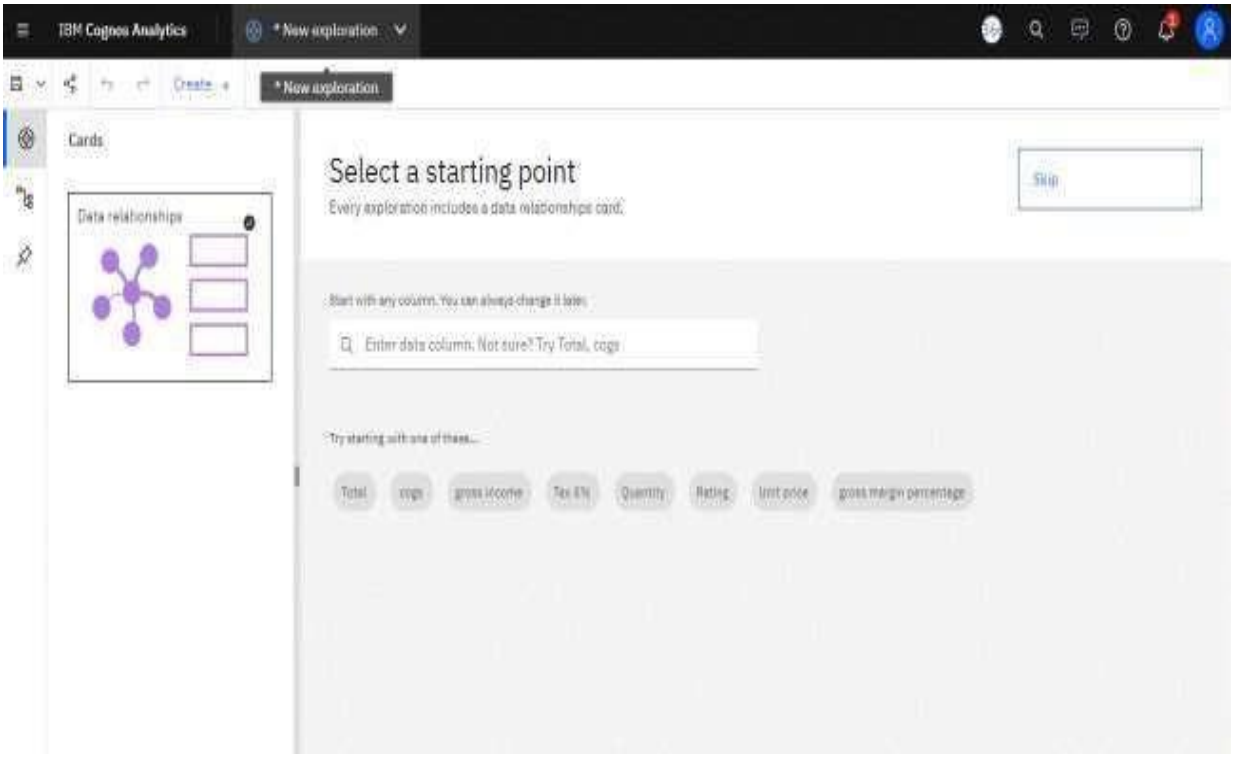

IBM Cognos Analytics
* New data module
Properties
Data module
Search
New data module
Navigation paths
supermark...eet1.csv
Row Id
Invoice ID
Branch
City
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Total
Date
Time
Grid
Relationships
Custom tables
Preview data
To preview data, select a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

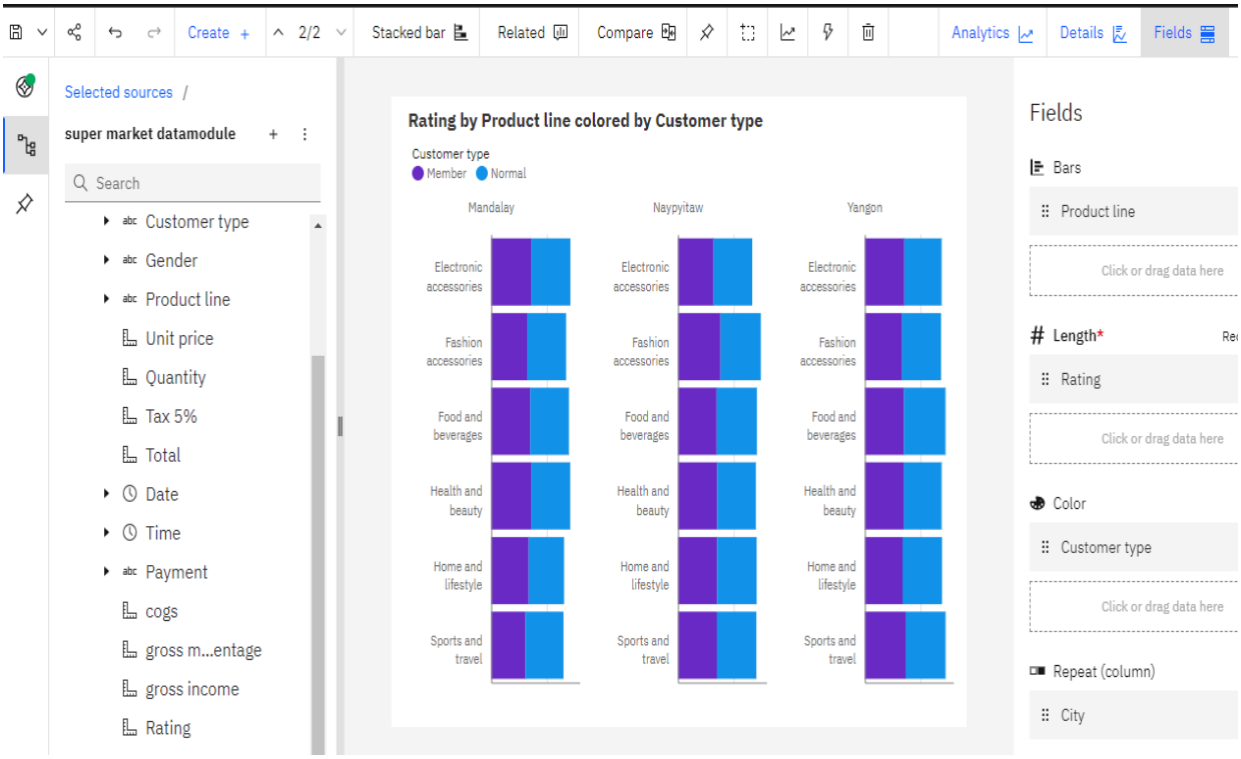

IBM Cognos Analytics
* New data module
Data module
Search
supermark...eet1.csv
Row Id
Invoice ID
Branch
City
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Total
Date
Time
Grid
Relationships
Custom tables
Invoice ID
Branch
Customer type
750-67-8428
A
Member
226-31-3081
C
Normal
631-41-3108
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.



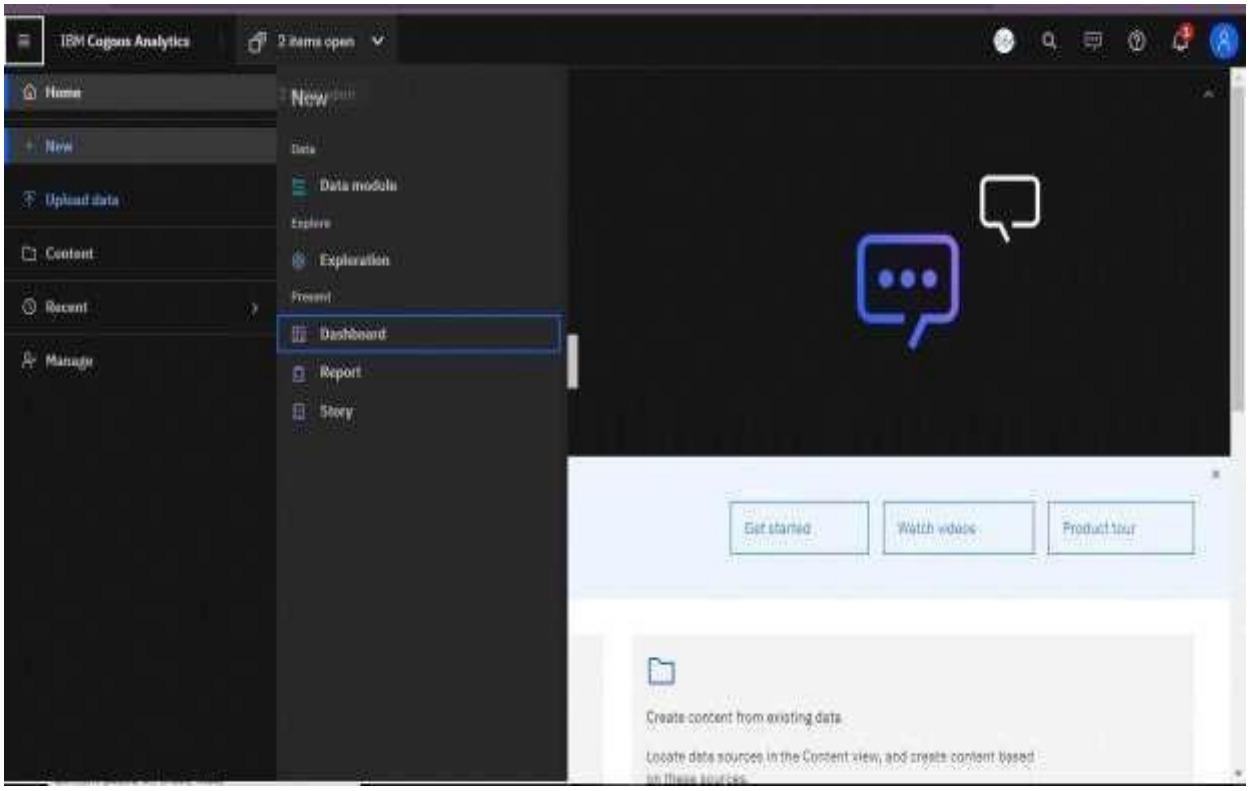



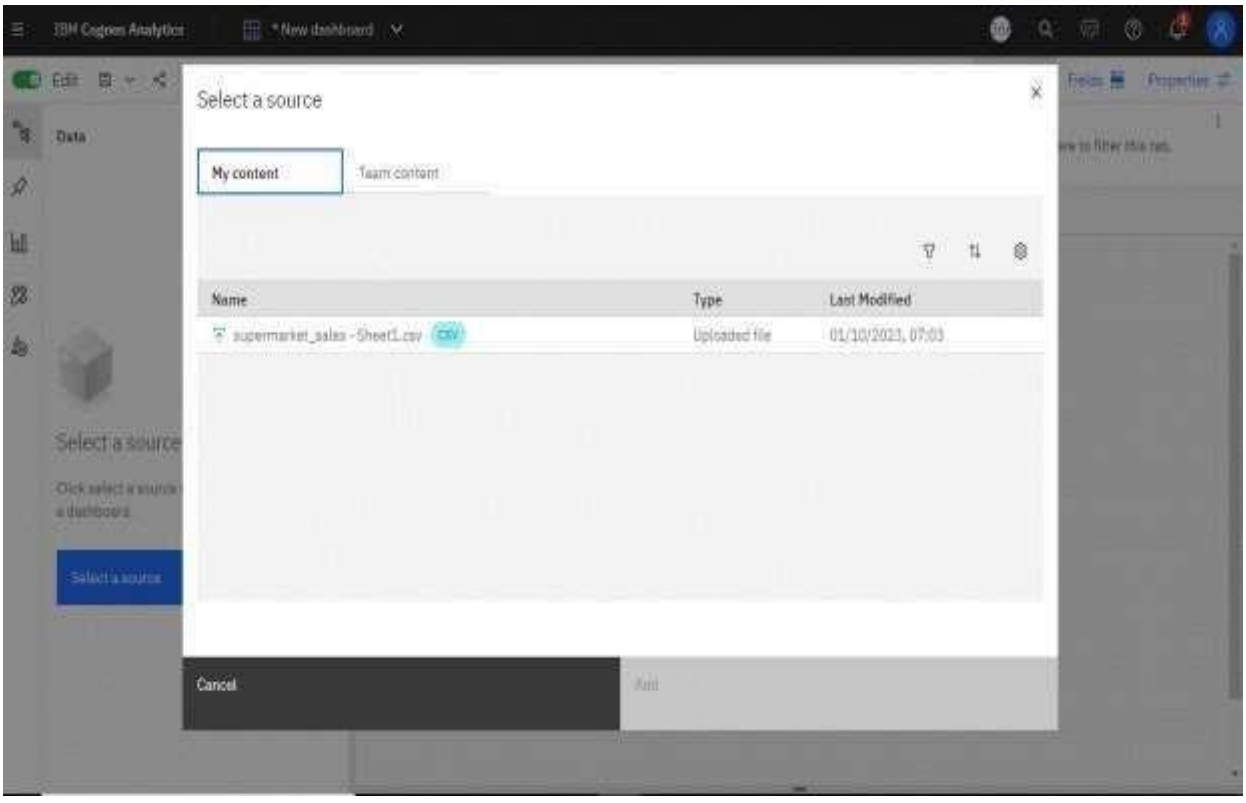

IBM Cognos Analytics
* New exploration
Create
* New exploration
Cards
Data relationships
Select a starting point
Every exploration includes a data relationships card.
Skip
Start with any column. You can always change it later.
Enter data column. Not sure? Try Total, cogs
Try starting with one of these...
Total
cogs
gross income
Tax 5%
Quantity
Rating
Unit price
gross margin percentage

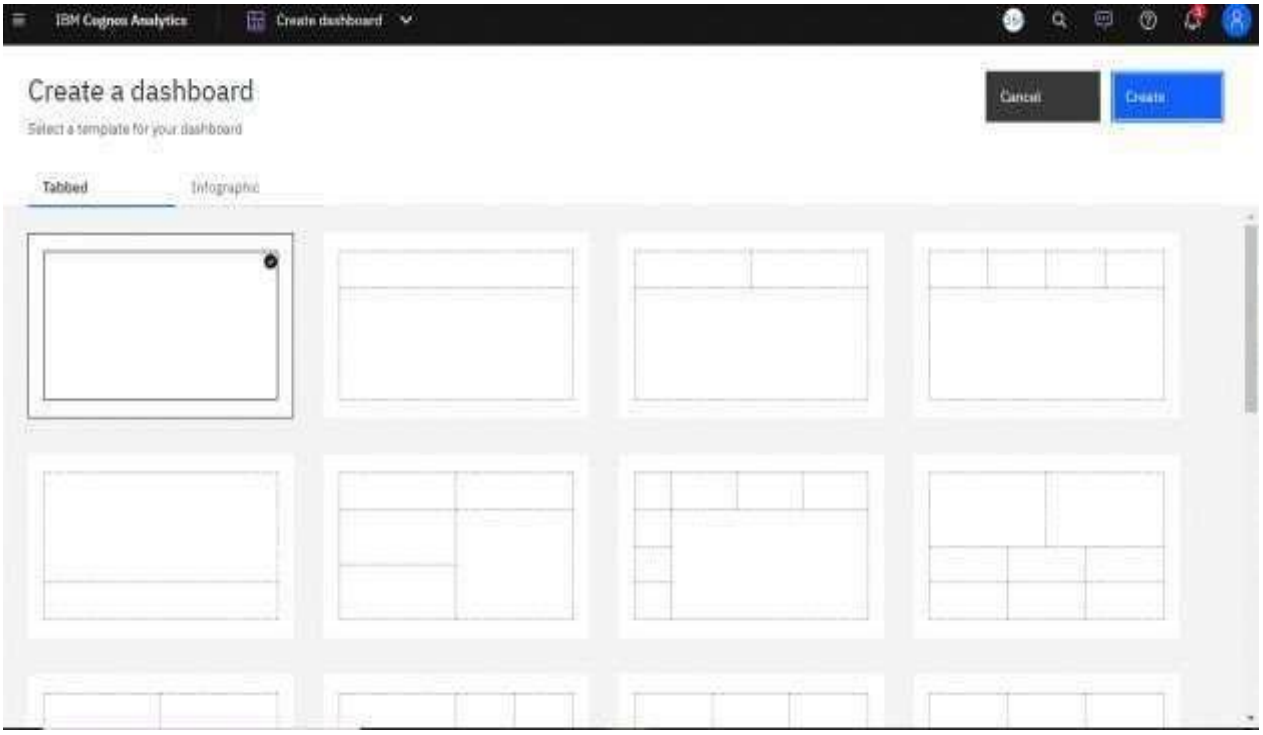

Create
2/2
Stacked bar
Related
Compare
Analytics
Details
Fields
Selected sources /
super market datamodule
Search
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Total
Date
Time
Payment
cogs
gross m...entage
gross income
Rating
Rating by Product line colored by Customer type
Customer type
Member
Normal
Mandalay
Naypyitaw
Yangon
Electronic accessories
Fashion accessories
Food and beverages
Health and beauty
Home and lifestyle
Sports and travel
Fields
Bars
Product line
Click or drag data here
Length*
Rating
Click or drag data here
Color
Customer type
Click or drag data here
Repeat (column)
City

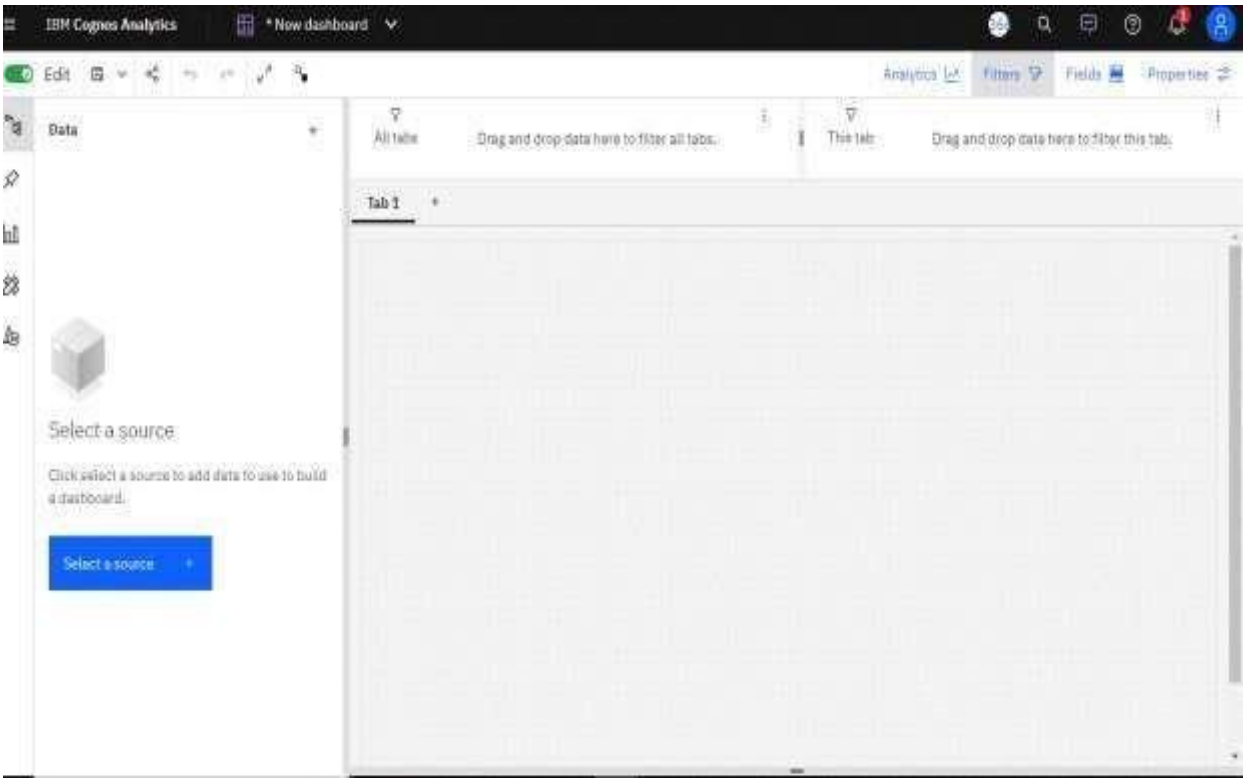
## TASK 4: Visualize the Data Set.

STEPS

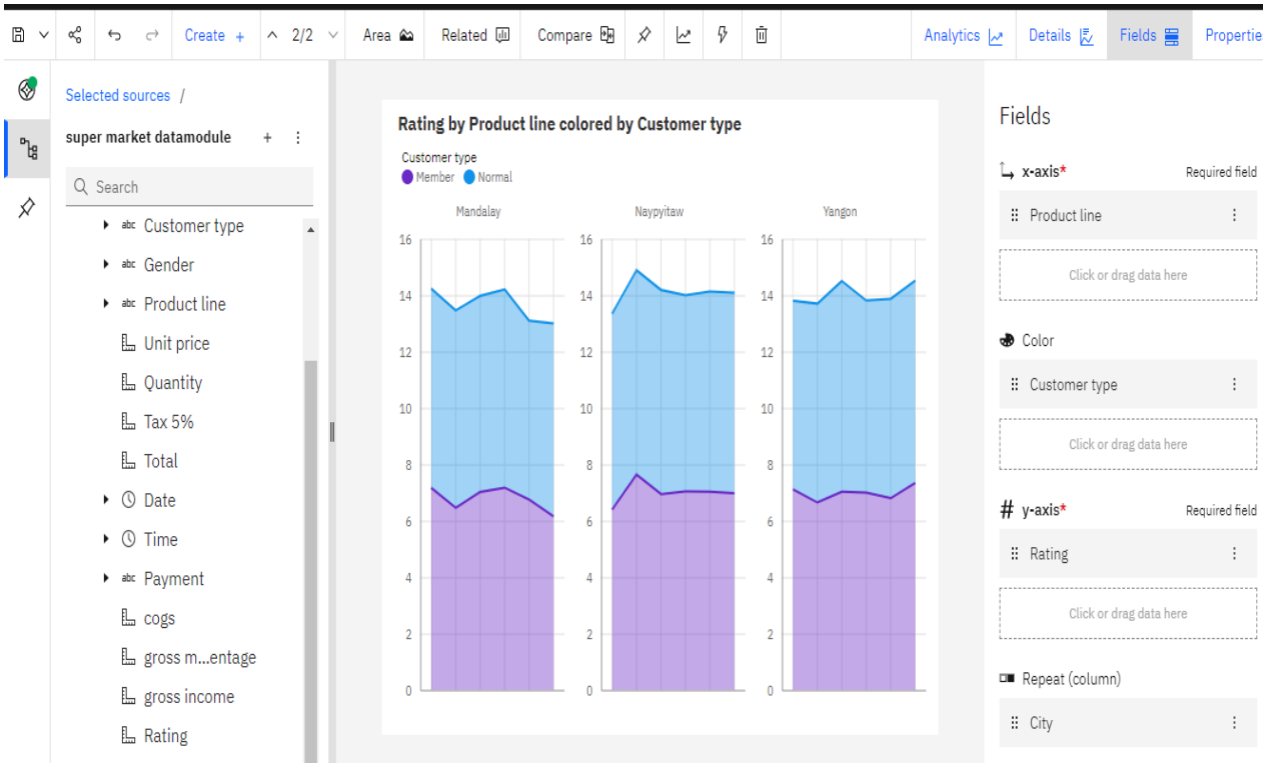


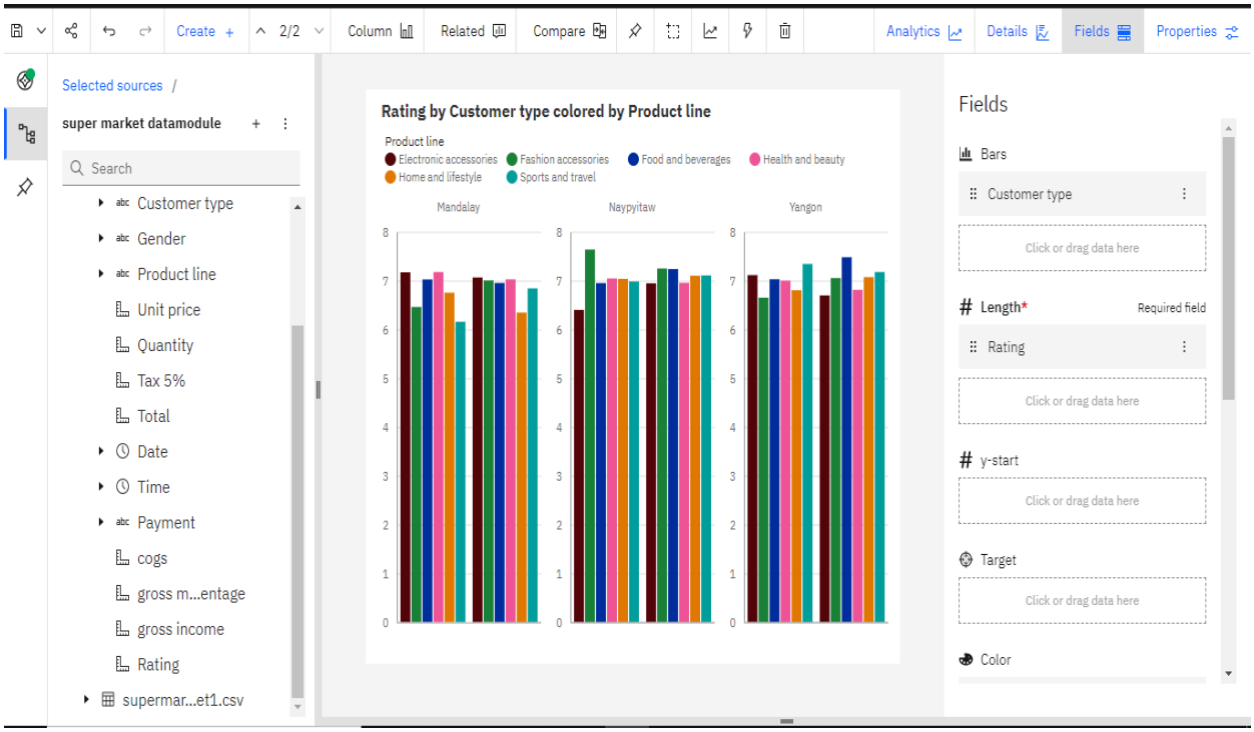



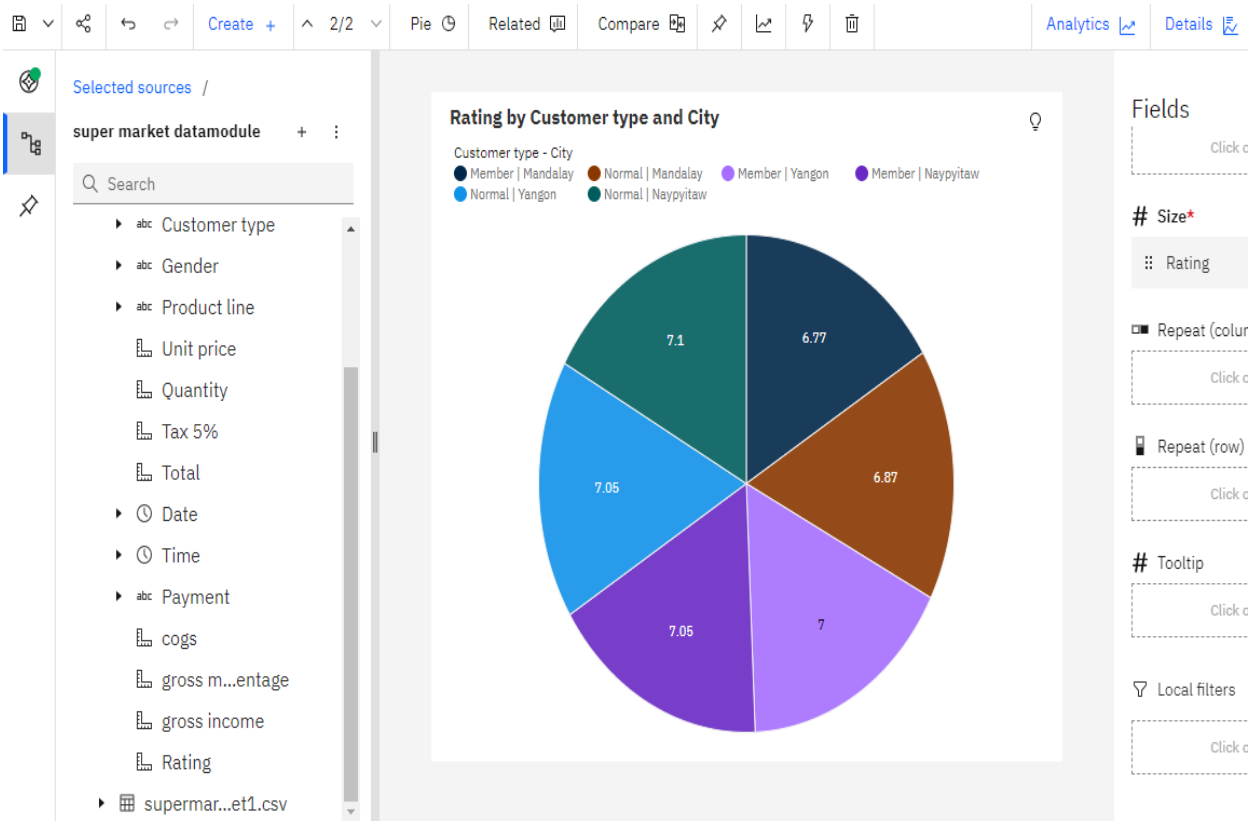

IBM Cognos Analytics
Create dashboard
Create a dashboard
Select a template for your dashboard
Cancel
Create
Tabbed
Infographic

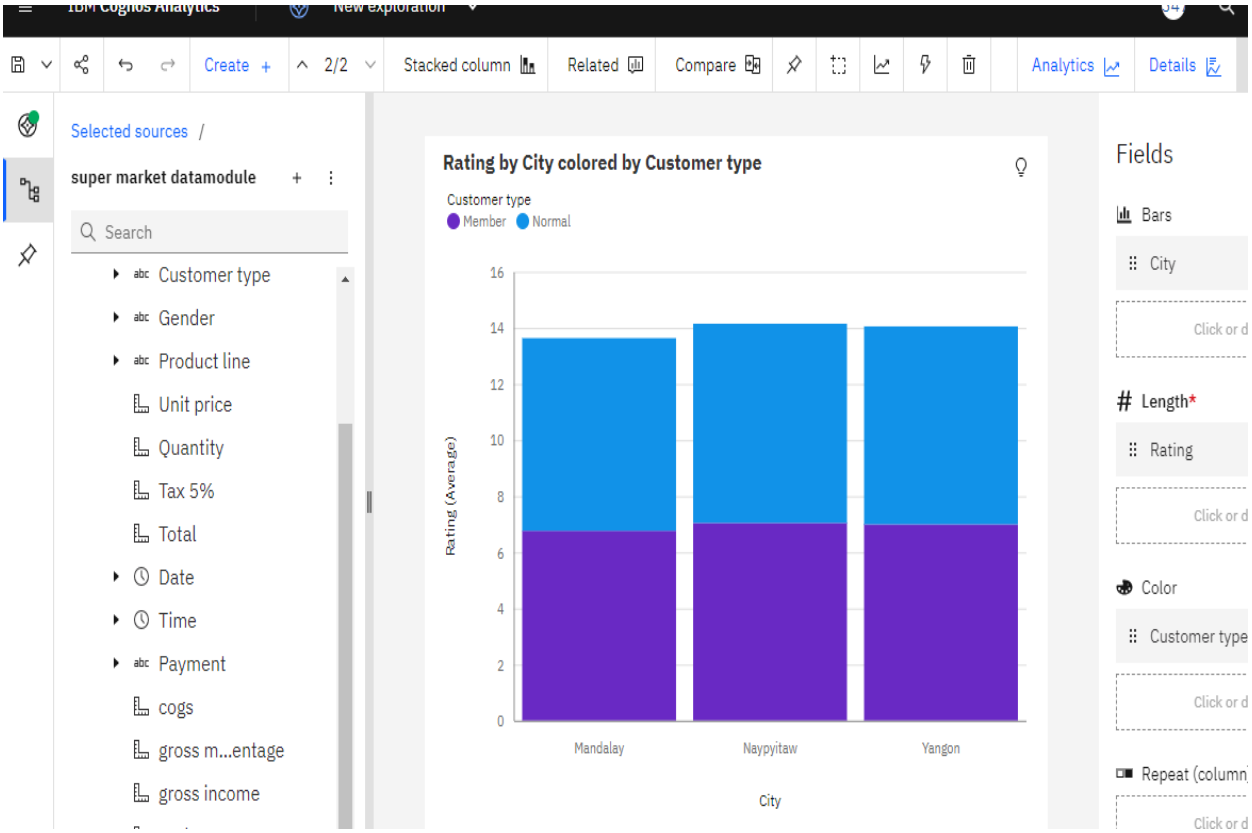

IBM Cognos Analytics
*New dashboard
Edit
Analytics
Filters
Fields
Properties
Data
All tabs
Drag and drop data here to filter all tabs.
This tab
Drag and drop data here to filter this tab.
Tab 1
Select a source
Click select a source to add data to use to build a dashboard.
Select a source

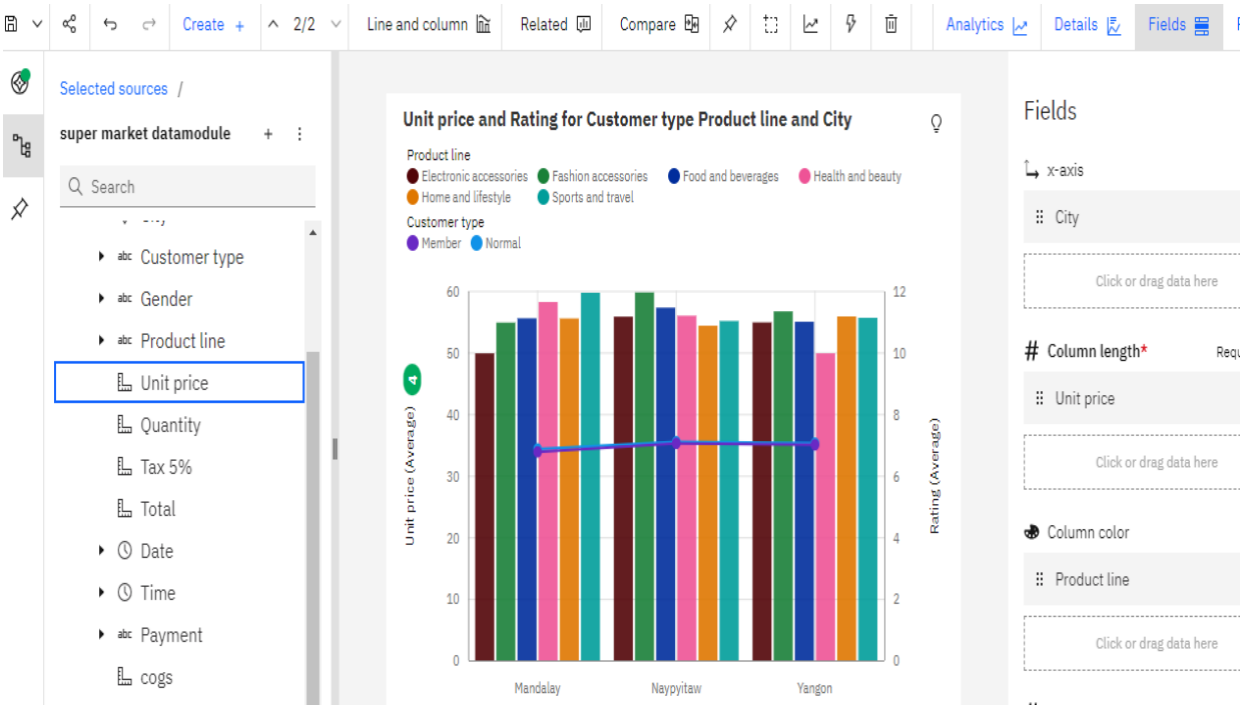
# Some Data Visualization

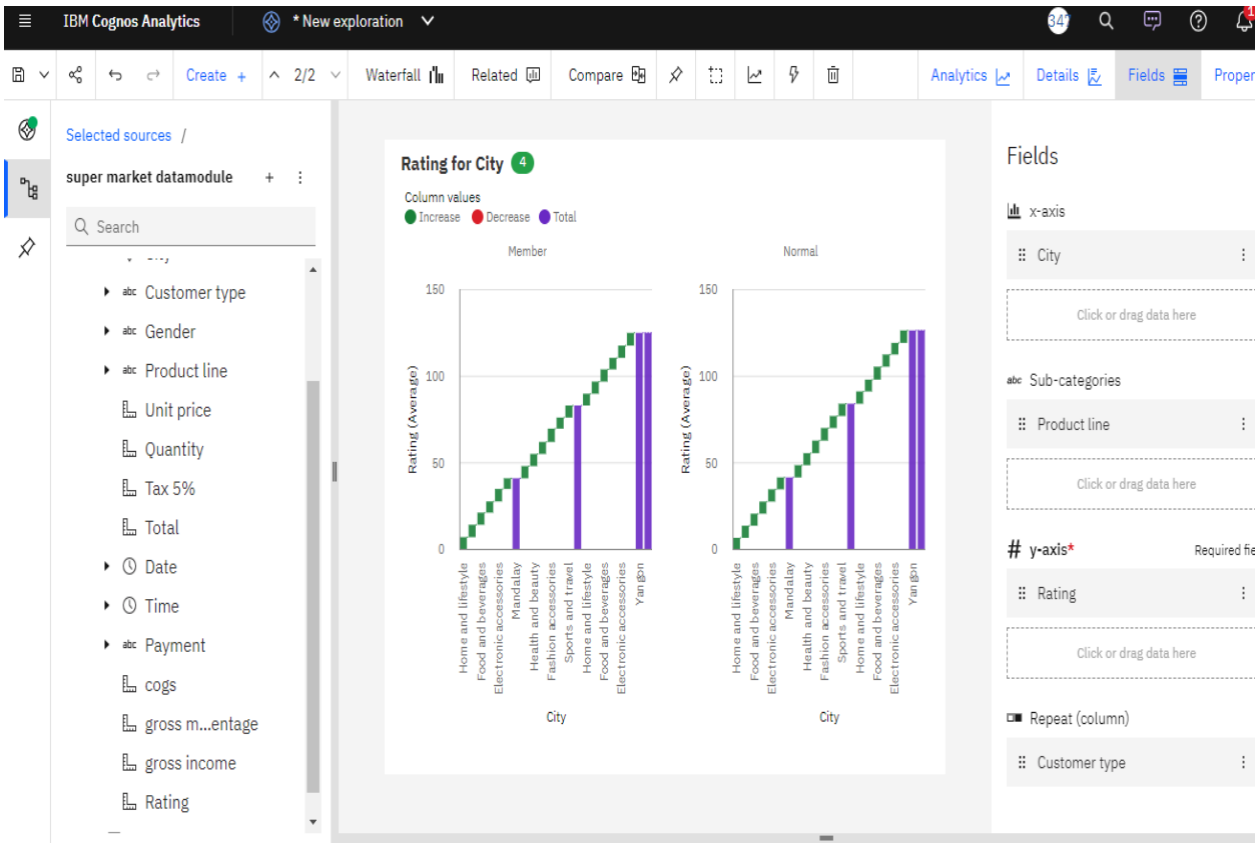



Create
2/2
Pie
Related
Compare
Analytics
Details
Selected sources /
super market datamodule
Search
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Total
Date
Time
Payment
cogs
gross m...entage
gross income
Rating
supermar...et1.csv
Rating by Customer type and City
Customer type - City
Member | Mandalay
Normal | Mandalay
Member | Yangon
Member | Naypyitaw
Normal | Yangon
Normal | Naypyitaw
6.77
6.87
7
7.05
7.05
7.1
Fields
Size*
Rating
Repeat (colur
Repeat (row)
Tooltip
Local filters


Create
2/2
Stacked column
Related
Compare
Analytics
Details
Selected sources /
super market datamodule
Search
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Total
Date
Time
Payment
cogs
gross m...entage
gross income
Rating by City colored by Customer type
Customer type
Member
Normal
Rating (Average)
0
2
4
6
8
10
12
14
16
Mandalay
Naypyitaw
Yangon
City
Fields
Bars
City
Length*
Rating
Color
Customer type
Repeat (column


Create
2/2
Line and column
Related
Compare
Analytics
Details
Fields
Selected sources /
super market datamodule
Search
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Total
Date
Time
Payment
cogs
Unit price and Rating for Customer type Product line and City
Product line
Electronic accessories
Fashion accessories
Food and beverages
Health and beauty
Home and lifestyle
Sports and travel
Customer type
Member
Normal
Unit price (Average)
Rating (Average)
Mandalay
Naypyitaw
Yangon
Fields
x-axis
City
Click or drag data here
Column length*
Unit price
Column color
Product line


IBM Cognos Analytics
* New exploration
Create
2/2
Waterfall
Related
Compare
Analytics
Details
Fields
Selected sources /
super market datamodule
Search
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Total
Date
Time
Payment
cogs
gross m...entage
gross income
Rating
Rating for City
Column values
Increase
Decrease
Total
Member
Normal
Rating (Average)
City
Fields
x-axis
City
Sub-categories
Product line
y-axis*
Rating
Repeat (column)
Customer type