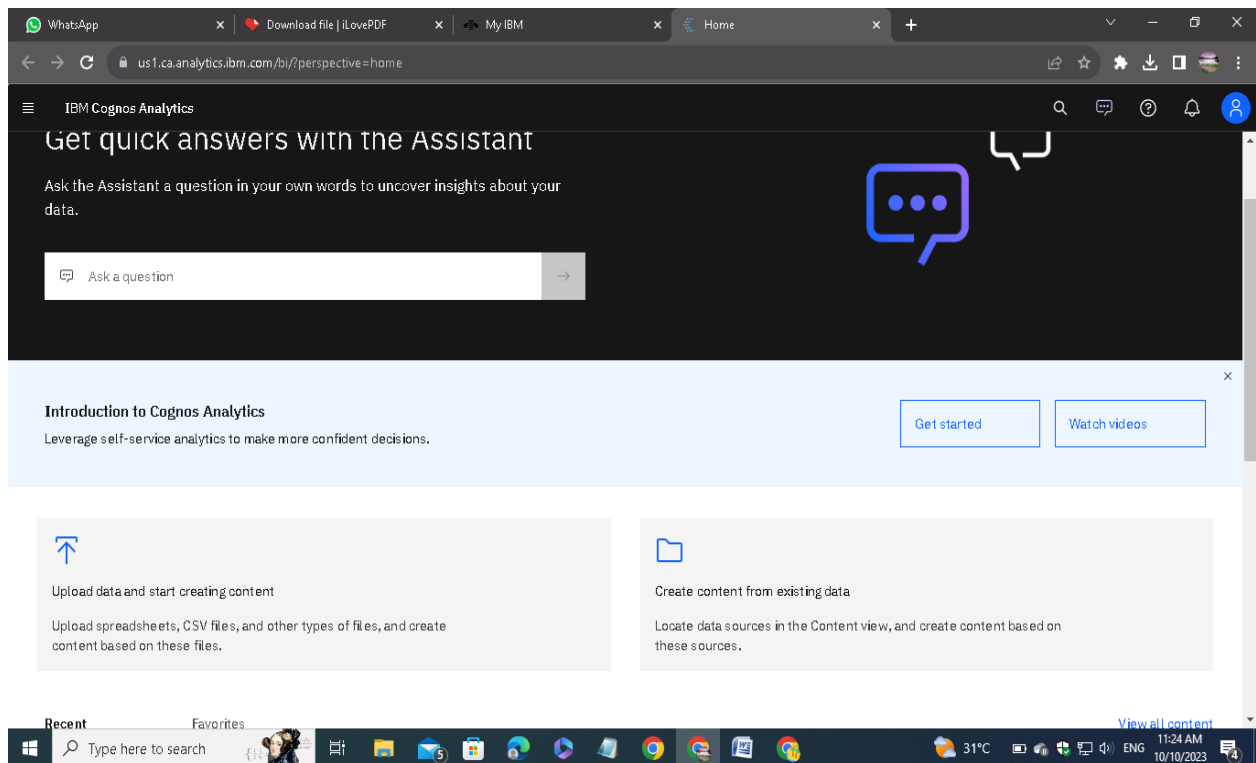


# Supermarket sale analysis visualization

Name: Venkatagiriraju U

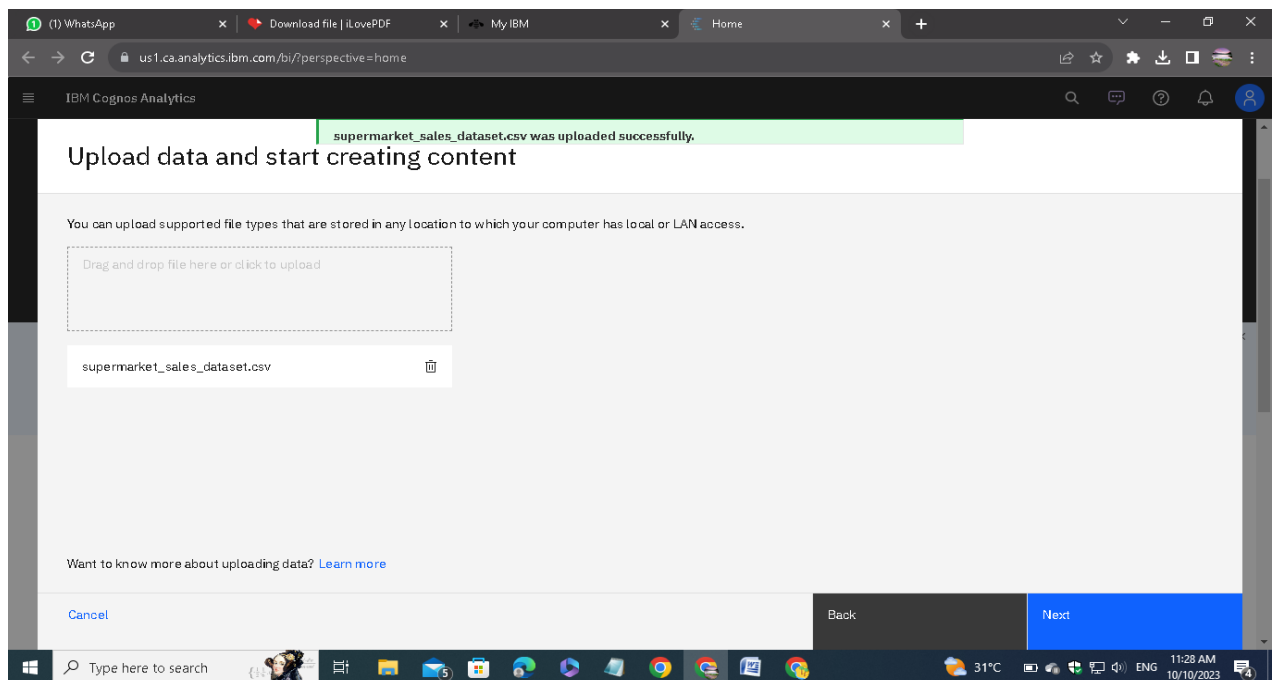
NM Id: au611220104318

## Step 1: Uploading the Dataset



Open IBM Cognos Analytics. Then choose upload data.

# Supermarket sale analysis visualization



Upload the csv data file which we downloaded from the given link on the assignment.

## Step 2: Preparing

us3.ca.analytics.ibm.com/bi/perspective=ca-modeller&id=1844153016\_15e6b8afa4c245659c3130f335152bf8\_sessionTemp&objRef=&tid=1844153016\_15e6b8afa4c245659c3130f33515...

IBM Cognos Analytics with Watson

Maintenance: The upgrade is now complete. Click on More Info to see what actions may be necessary and to subscribe to future events

Search content

Dismiss More info

Properties

Data module

Grid Relationships Custom tables

Filter...

Create calculation...

Create data group...

Create navigation path...

Show to users

Remove

Format data...

Clean...

Sort descending

Sort ascending

Properties

Row Id	Branch	City	Customer type	Gender	Product line
1	A	Yangon	Member	Female	Health and beau
2	C	Naypyitaw	Normal	Female	Electronic acces
3	A	Yangon	Normal	Male	Home and lifest
4	A	Yangon	Member	Male	Health and beau
5	A	Yangon	Normal	Male	Sports and trave
6	C	Naypyitaw	Normal	Male	Electronic acces
7	A	Yangon	Member	Female	Electronic acces
8	C	Naypyitaw	Normal	Female	Home and lifest
9	A	Yangon	Member	Female	Health and beau
10	B	Mandalay	Member	Female	Food and bever
11	B	Mandalay	Member	Female	Fashion accessc
12	B	Mandalay	Member	Male	Electronic acces
13	A	Yangon	Normal	Female	Electronic acces

# Row Id

Invoice ID

Branch

City

Customer type

Gender

Product line

Unit price

Quantity

Tax 5%

Total

Date

Time

Payment

cogs

gross margin percentage

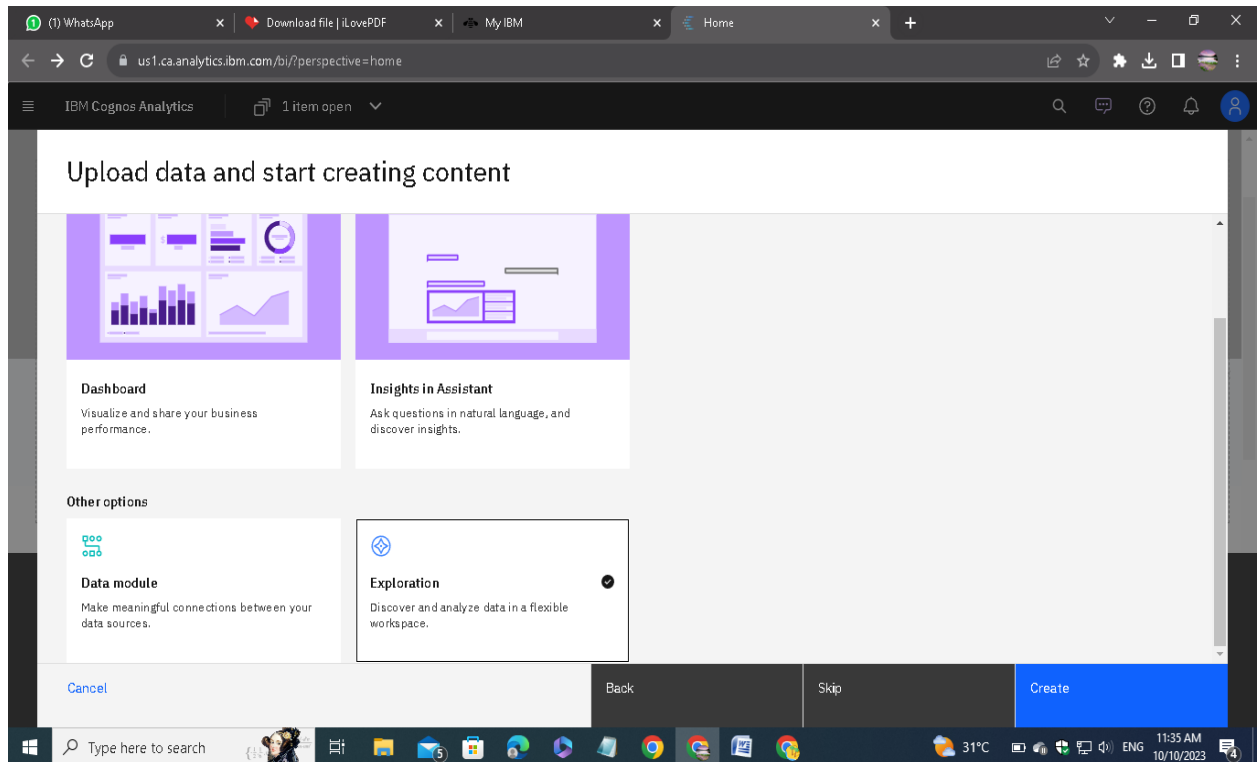
gross income

Remove the unnecessary columns and check for the missing values. In my case, there is no missing case.

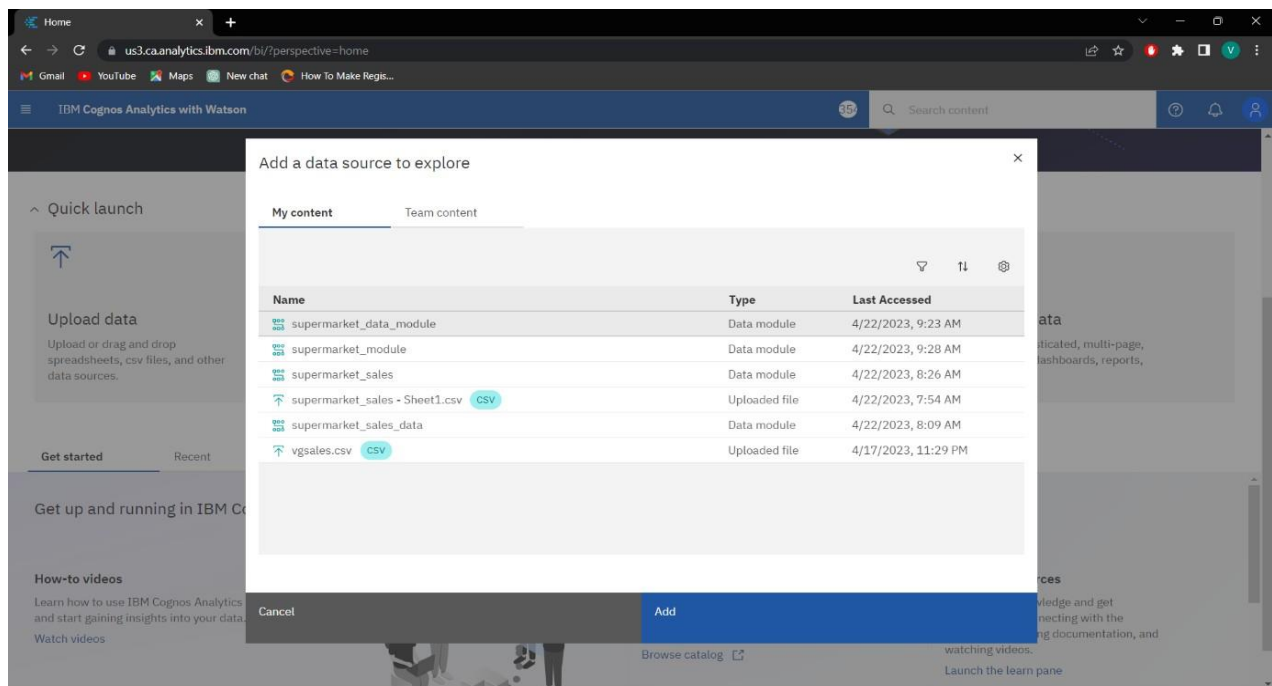
After removing, save the new data module in a required name.

# Supermarket sale analysis visualization

## Step 3: Exploring

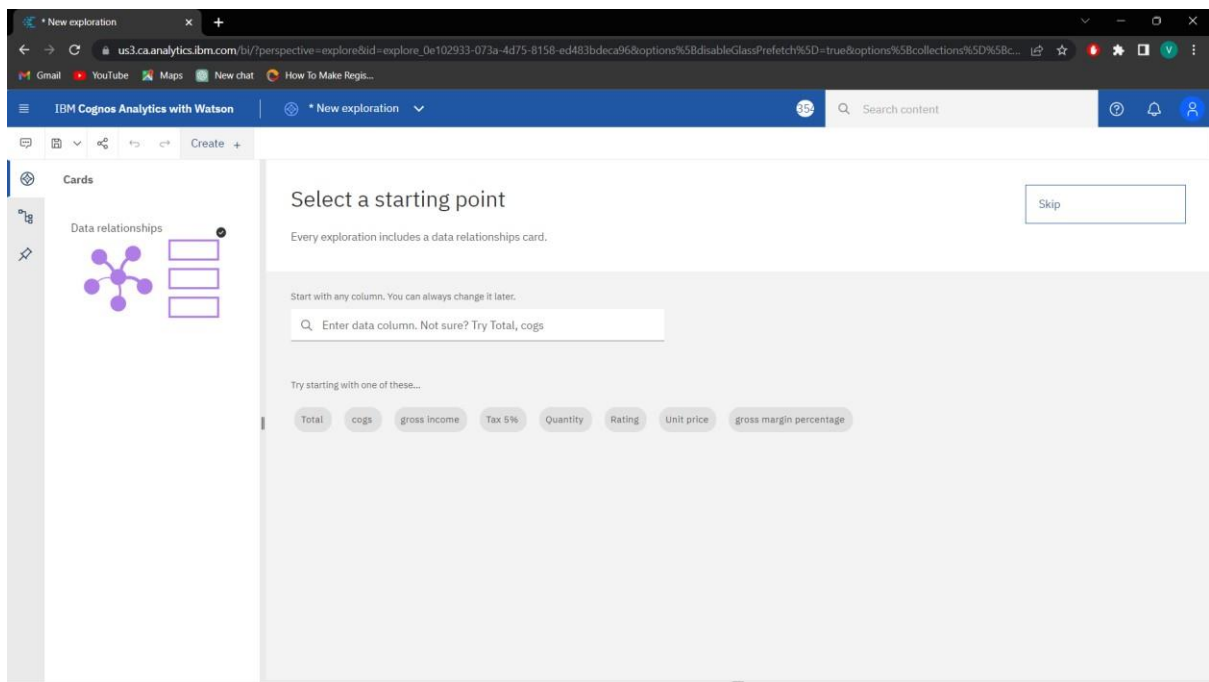


Go to explorations given in the menu and open the saved data module.

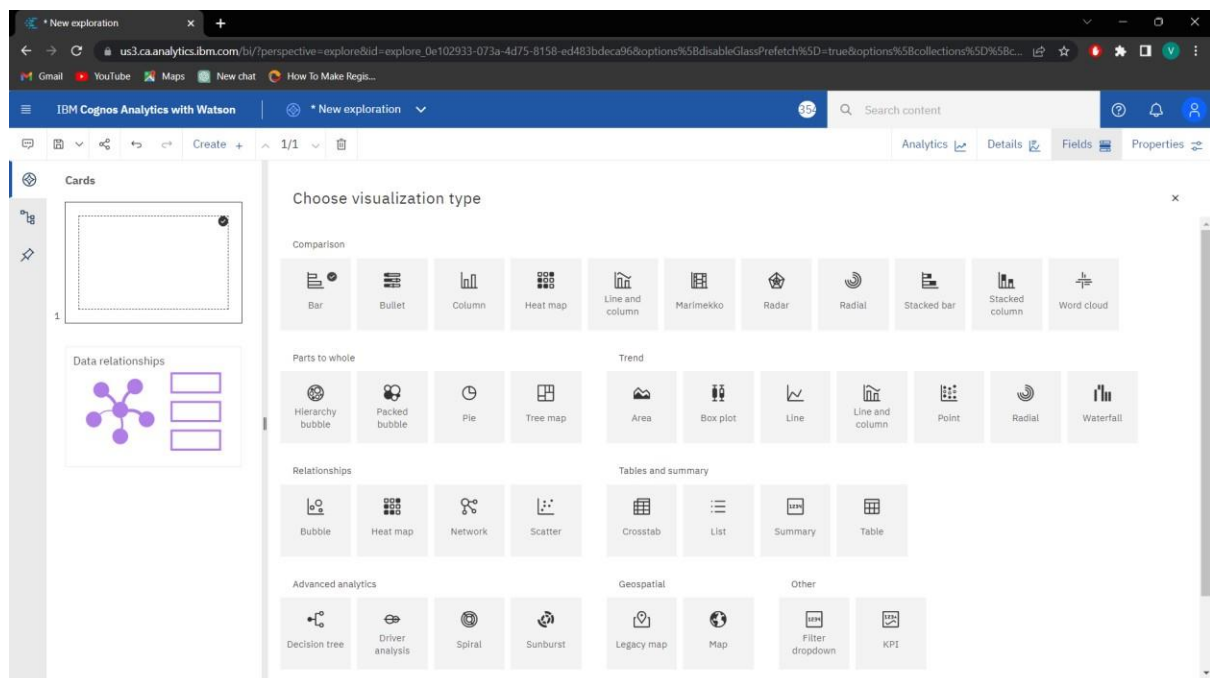


Then add the data module to the explorations.

# Supermarket sale analysis visualization

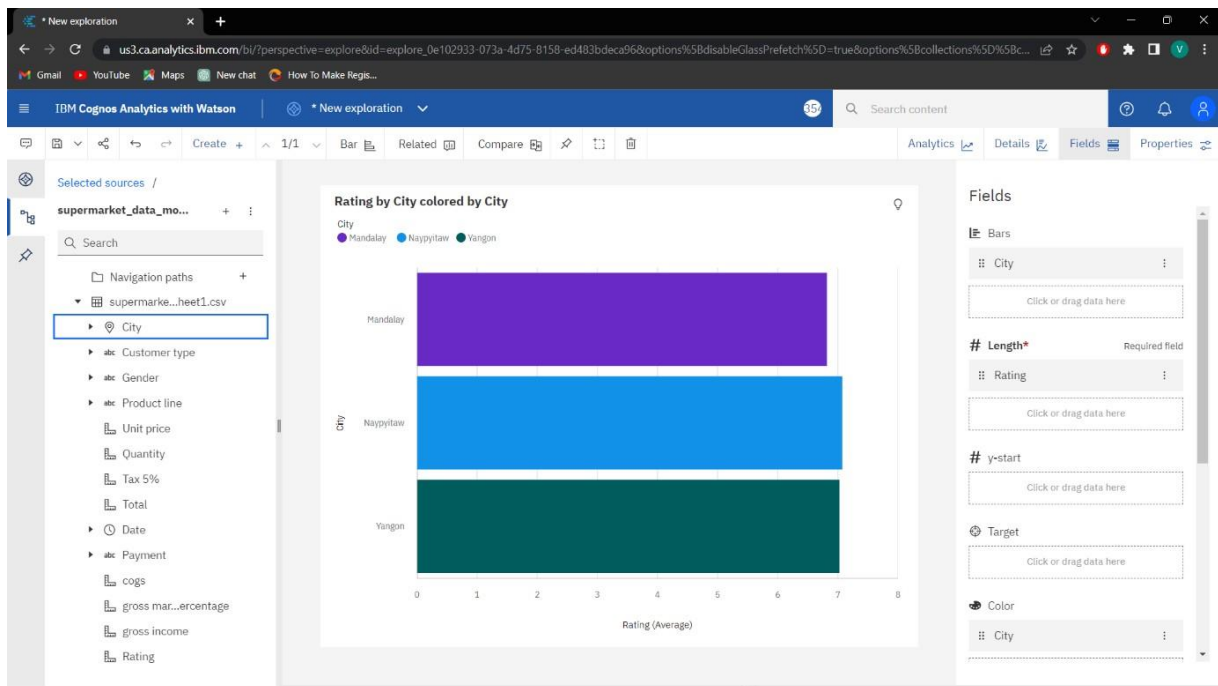


Click on create and choose the exploration style. In my case, I have chosen the single.

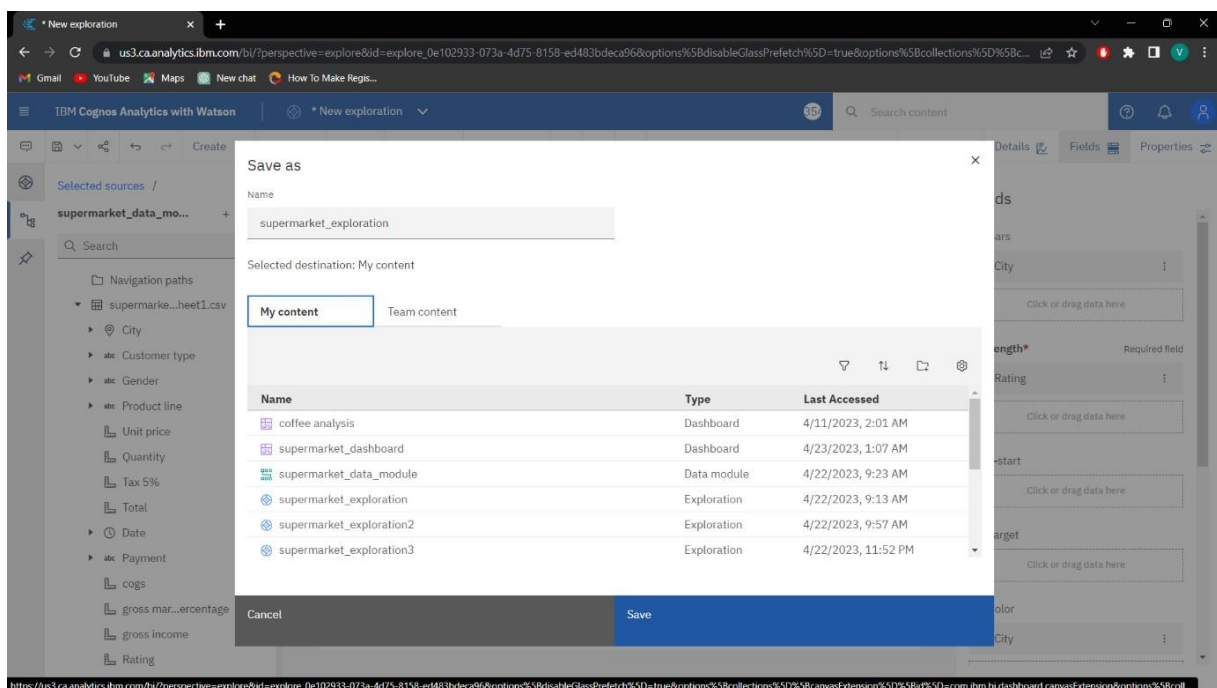


Then choose the type of the visualization. Each type of visualization is used for different needs.

# Supermarket sale analysis visualization



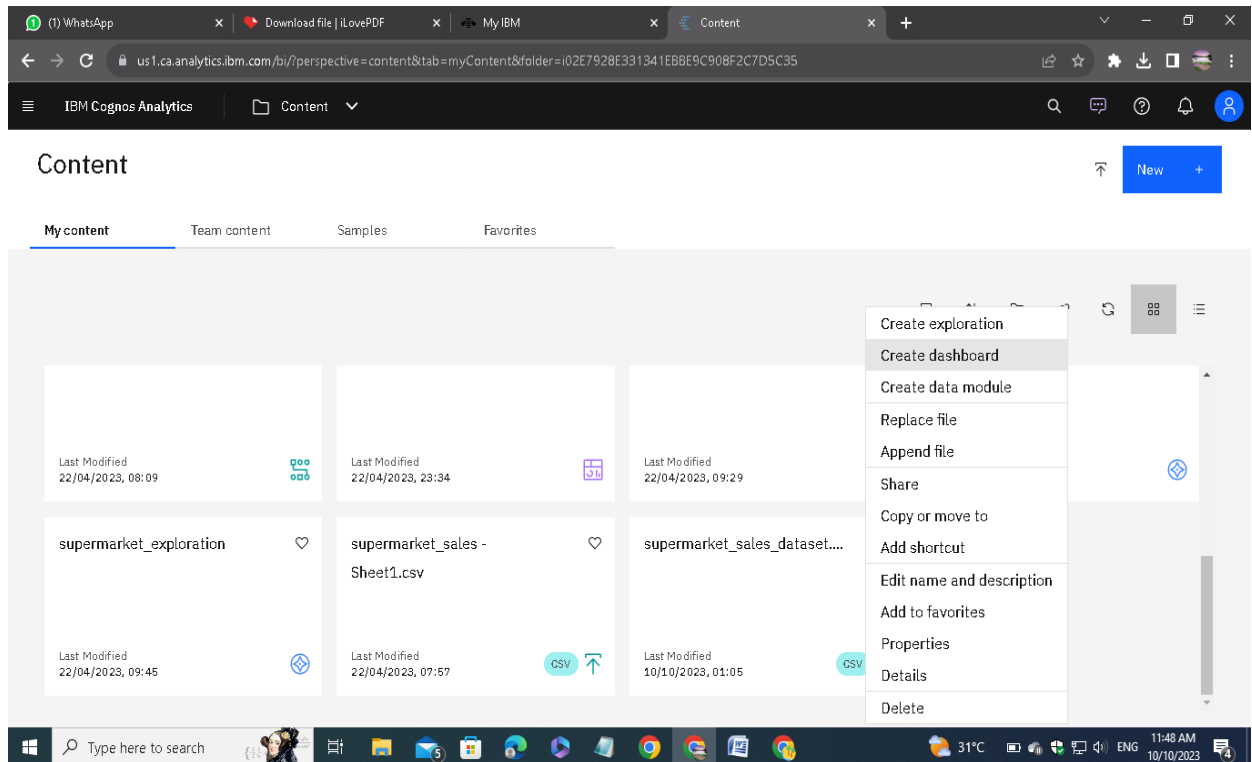
In the fields, we have to mention the attributes for the x-axis, y-axis and colors.



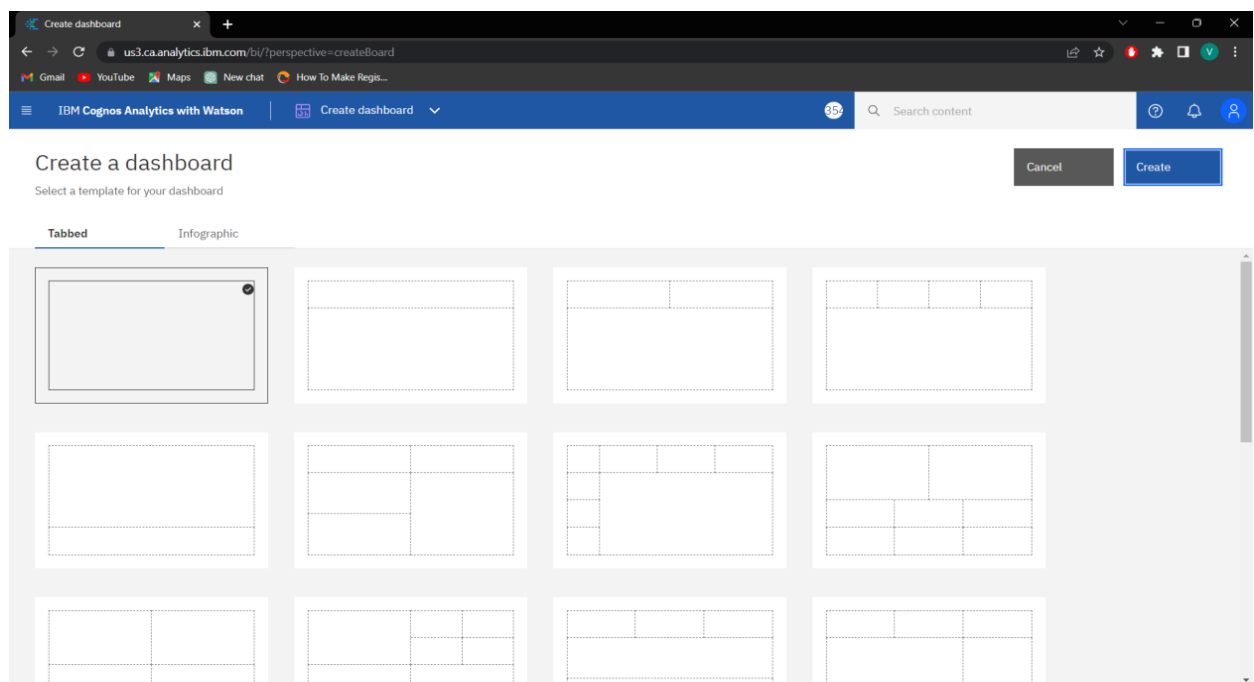
After exploring save it in a required name.

# Supermarket sale analysis visualization

## Step 4: Presenting

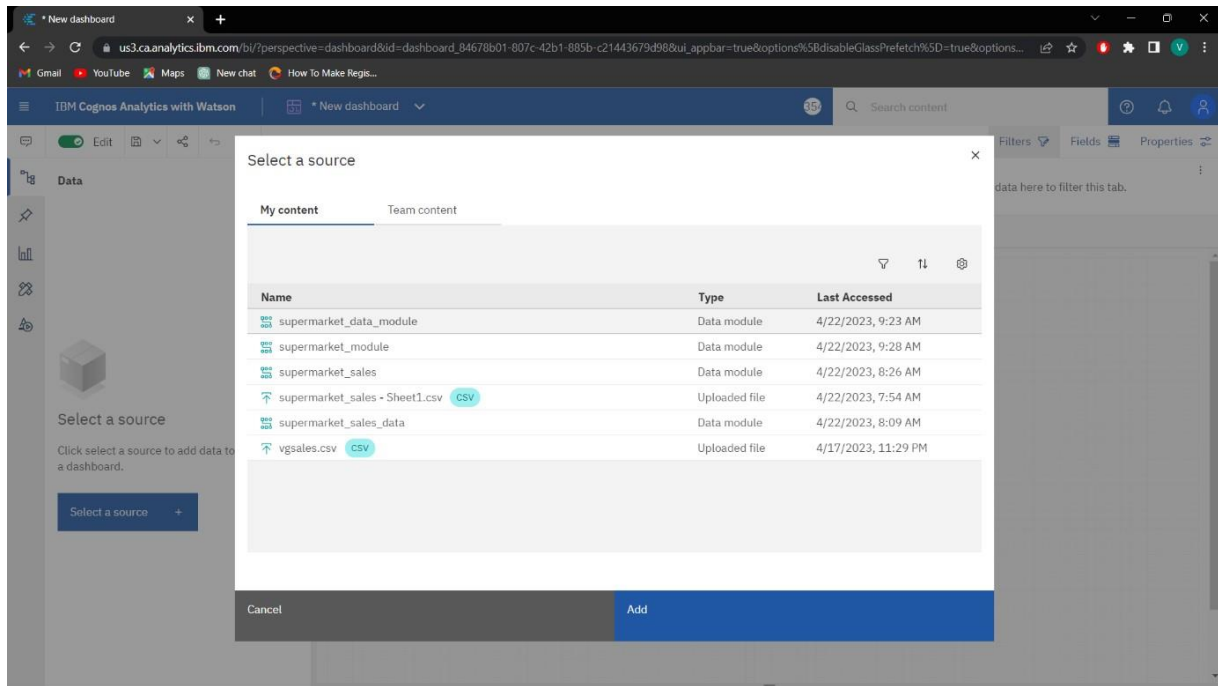


Choose create dashboard.

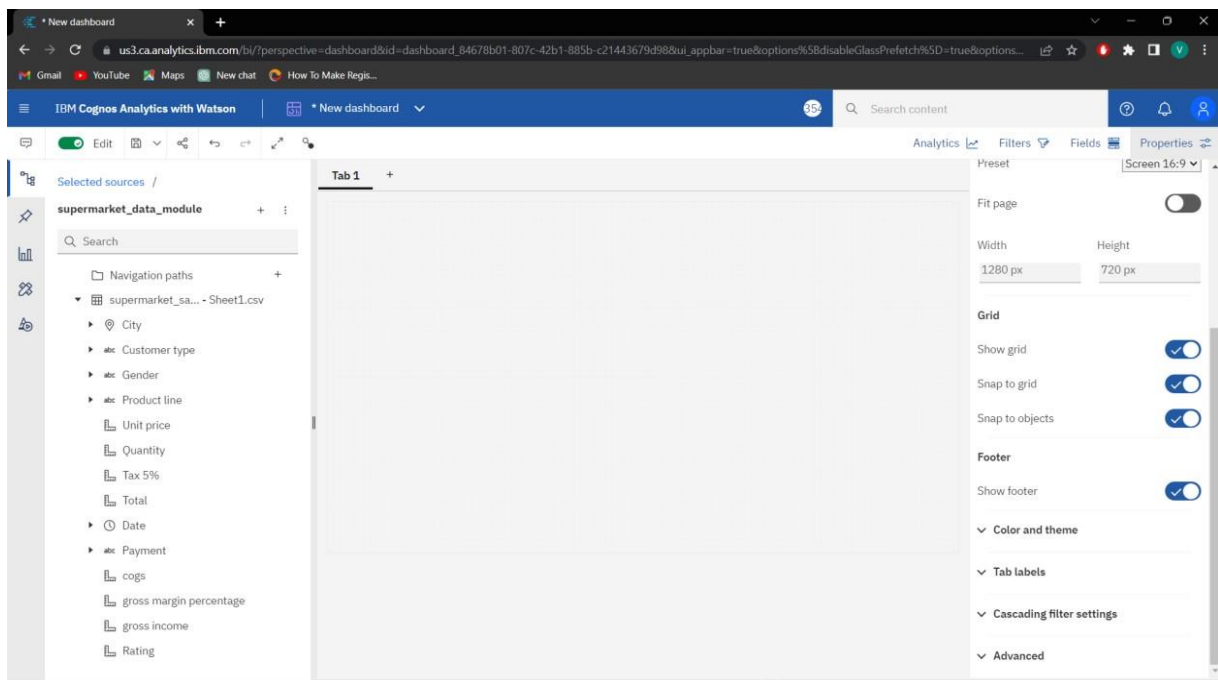


Choose the type of dashboard.

# Supermarket sale analysis visualization

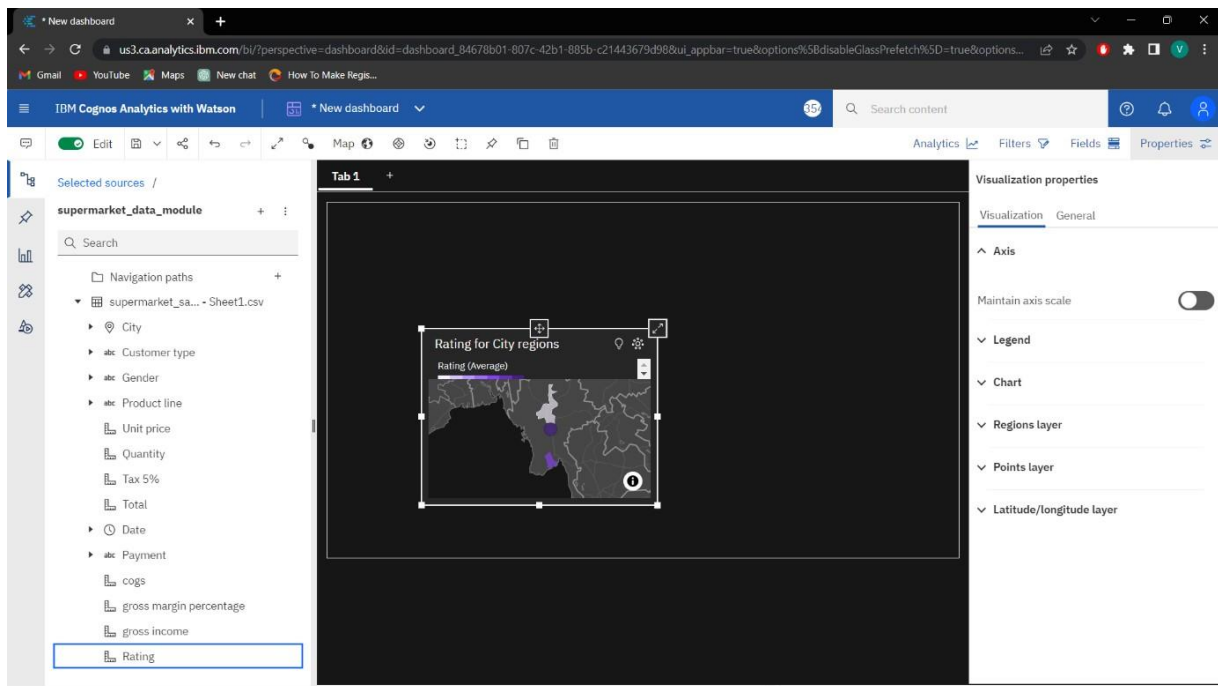


Add the source file to the dashboard.

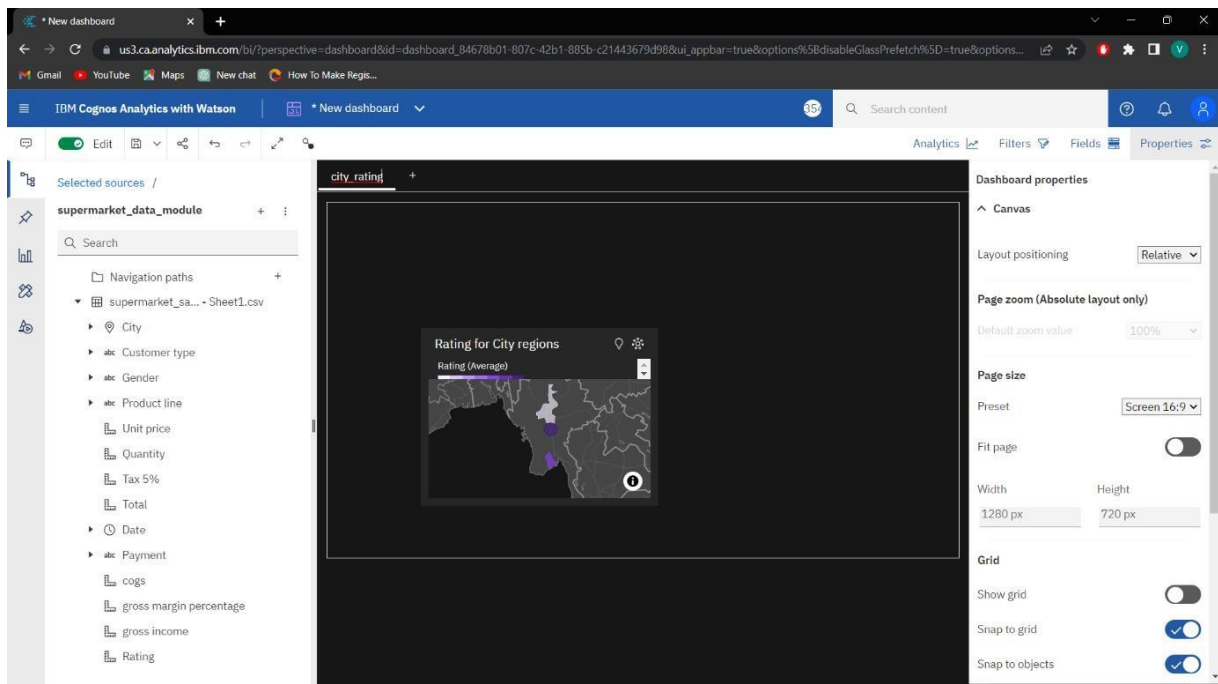


Adjust the dashboard settings for our convenience.

# Supermarket sale analysis visualization



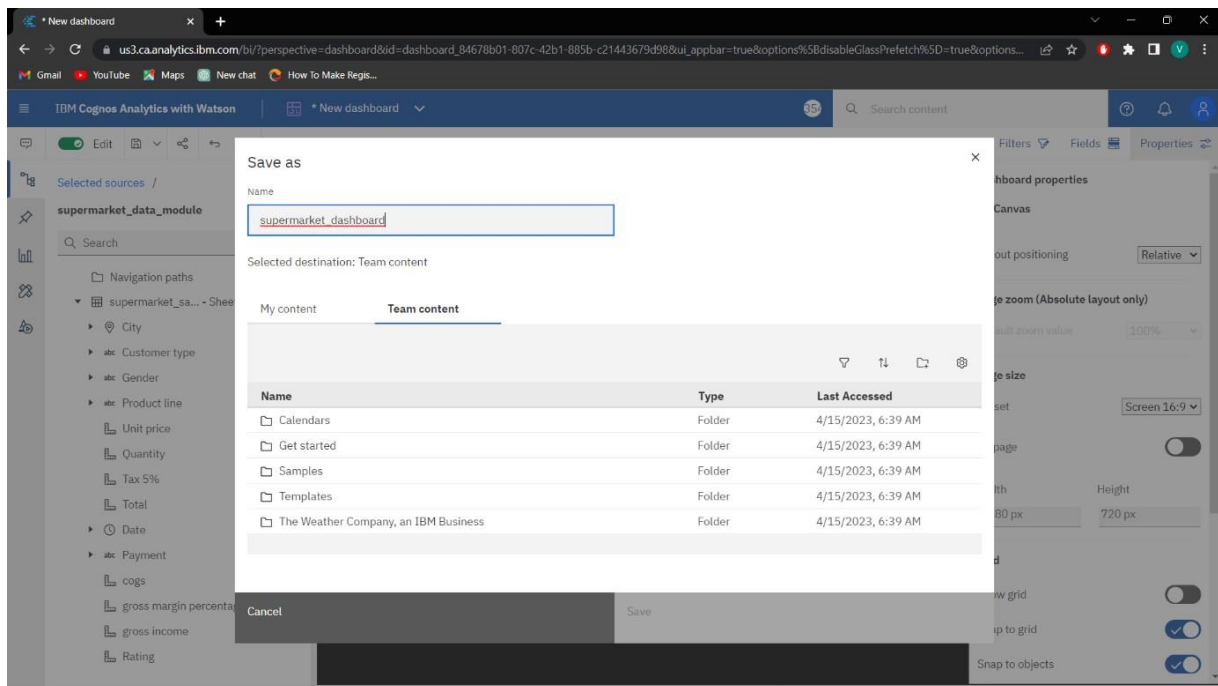
We can able to directly drag the data from the source or we can also able to plot our exploration directly from the pinned things.



Change the tab name for our reference.

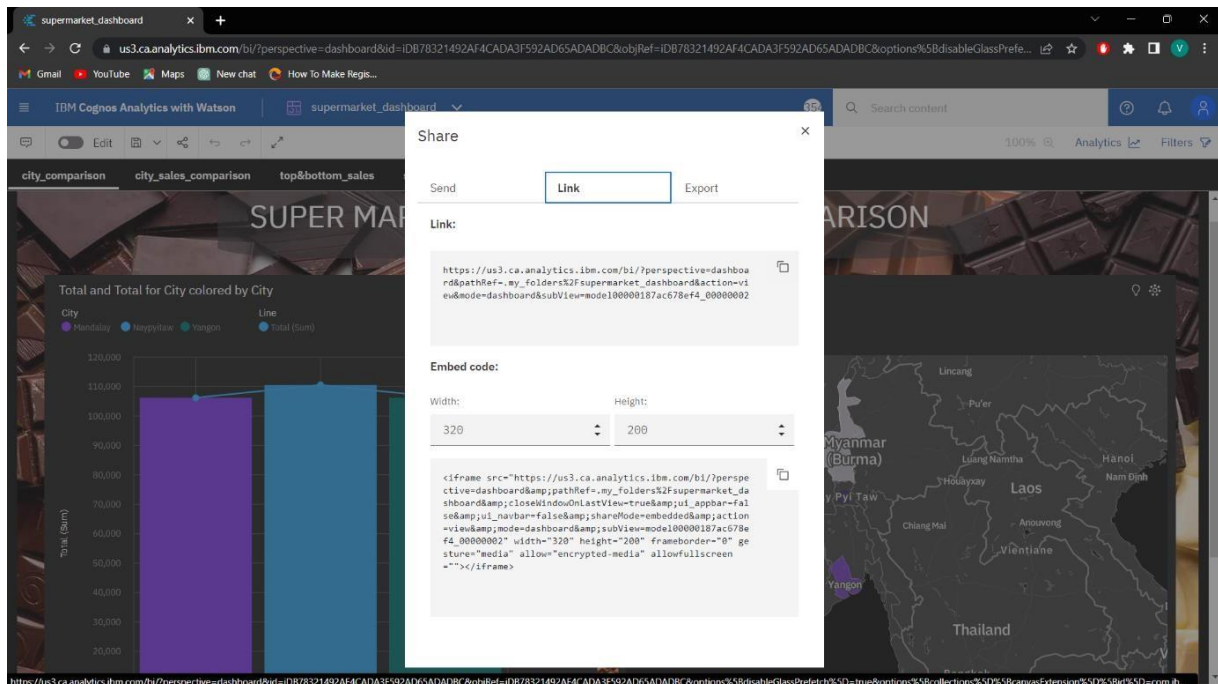


# Supermarket sale analysis visualization



After that save the presentation. These steps are followed for all other tabs.

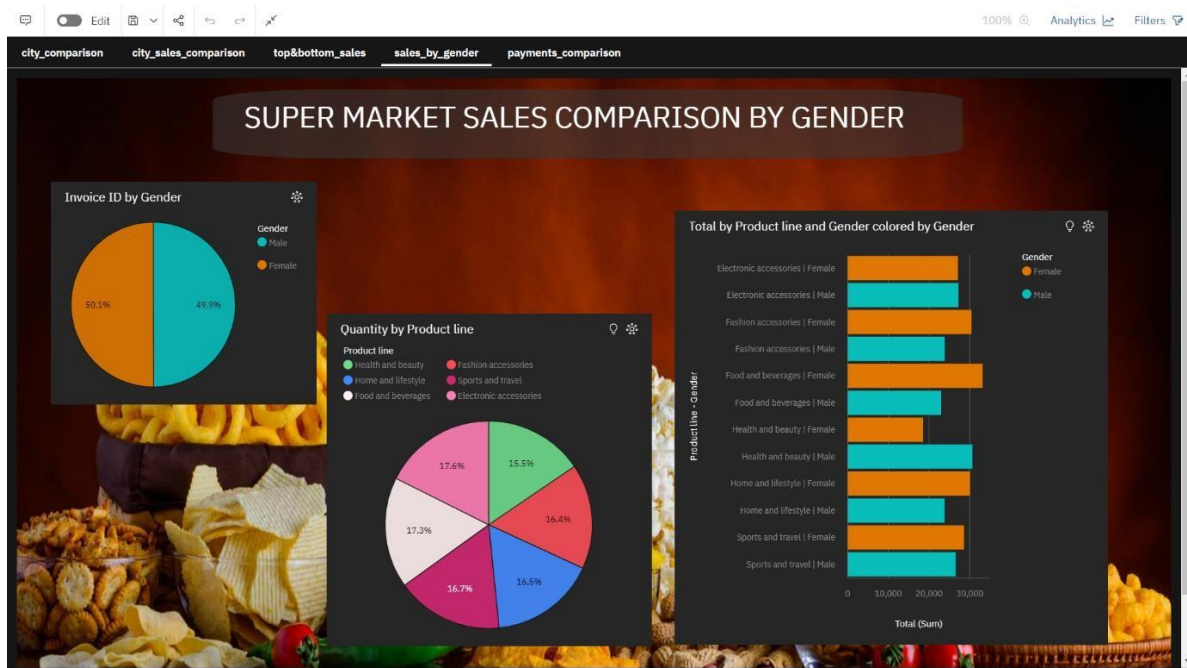
Finally we get the visualization of our analytics.



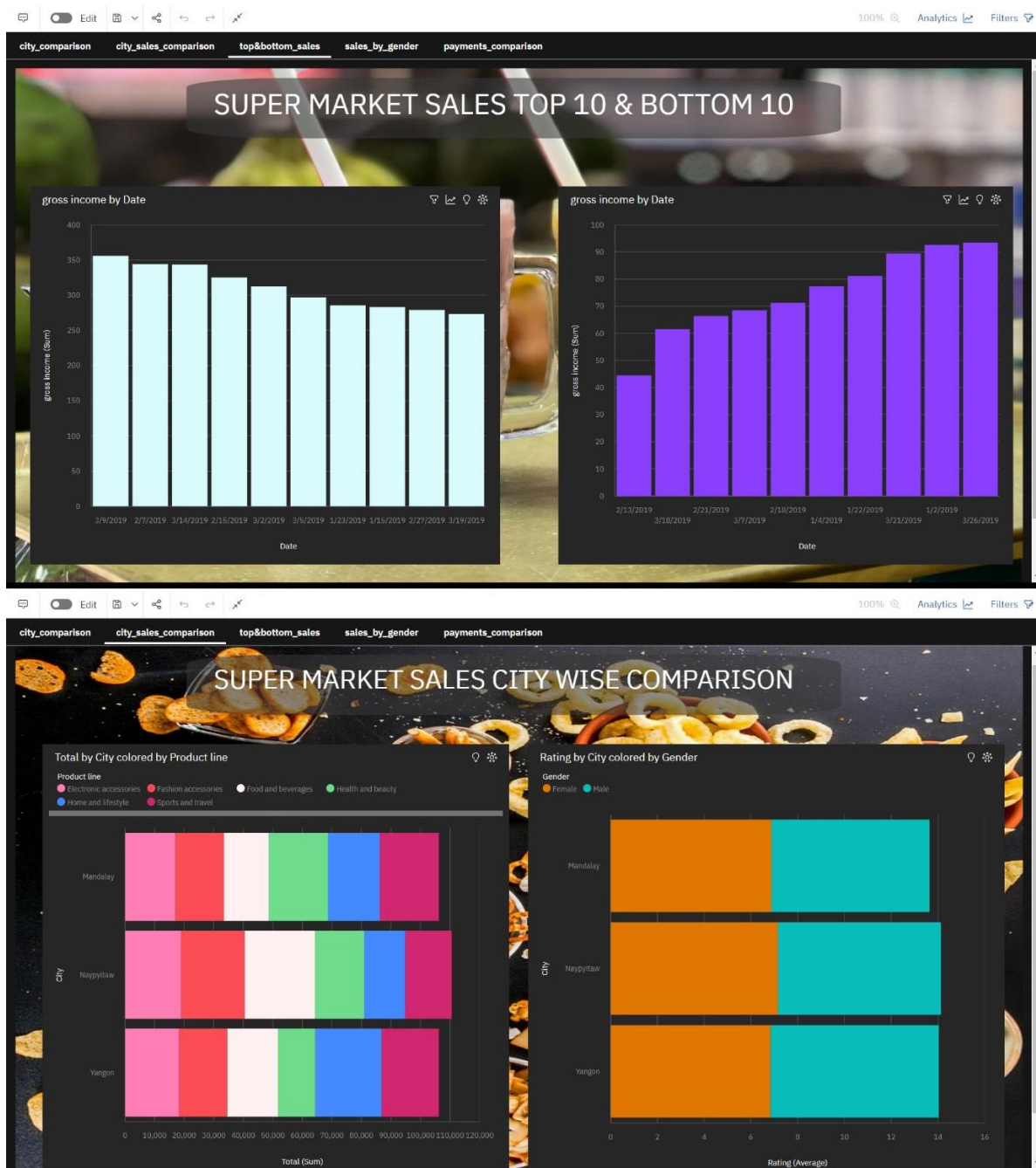
Using share option, we can able to share our presentation as direct link or the embed code.

# Supermarket sale analysis visualization

Here I am attaching the screenshots of all the tabs I created:



# Supermarket sale analysis visualization



# Supermarket sale analysis visualization

