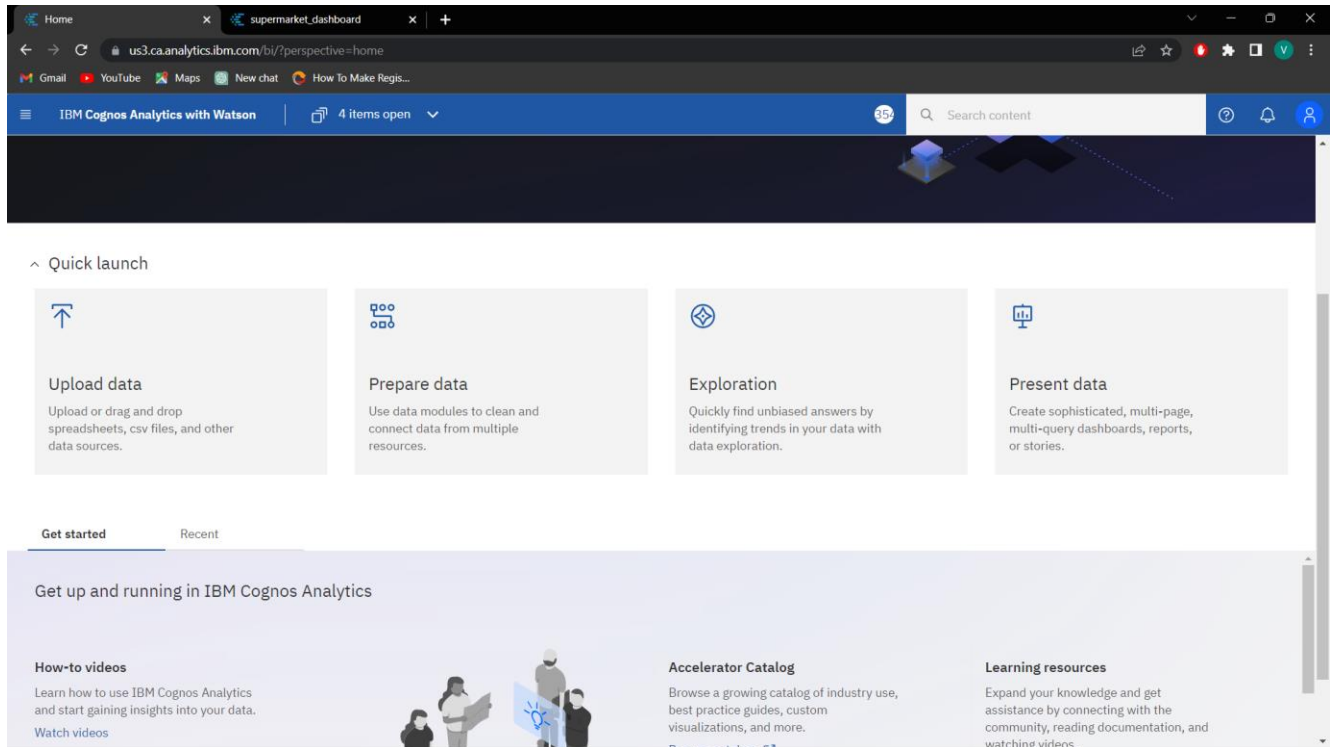


Supermarket sale analysis visualization

Name: Venkatagiriraju U

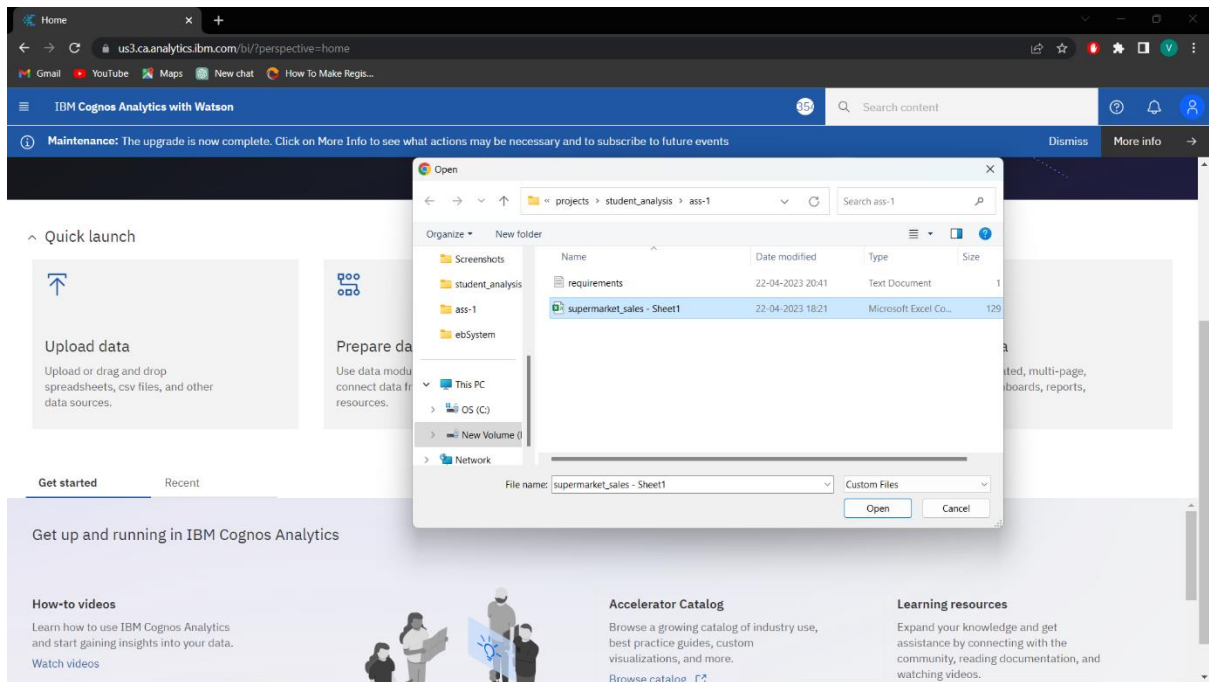
Ibm id: 2k20cse191@kiot.ac.in

Step 1: Uploading:



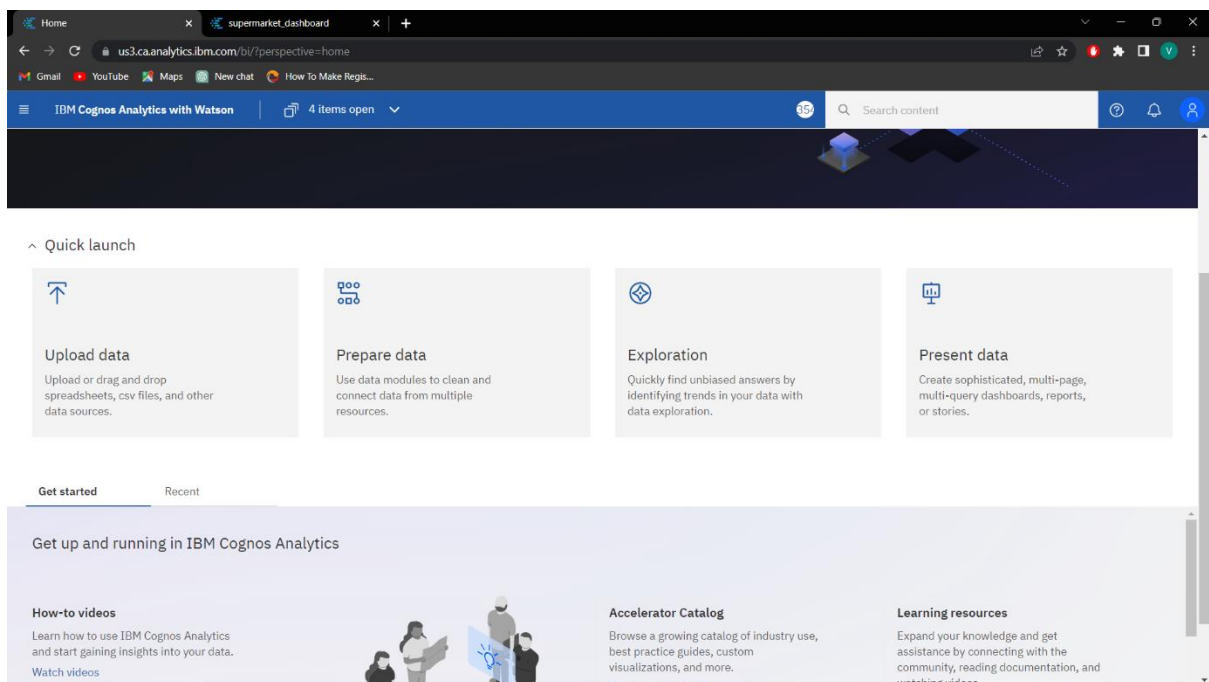
Open IBM Cognos Analytics. Then choose upload data.

Supermarket sale analysis visualization



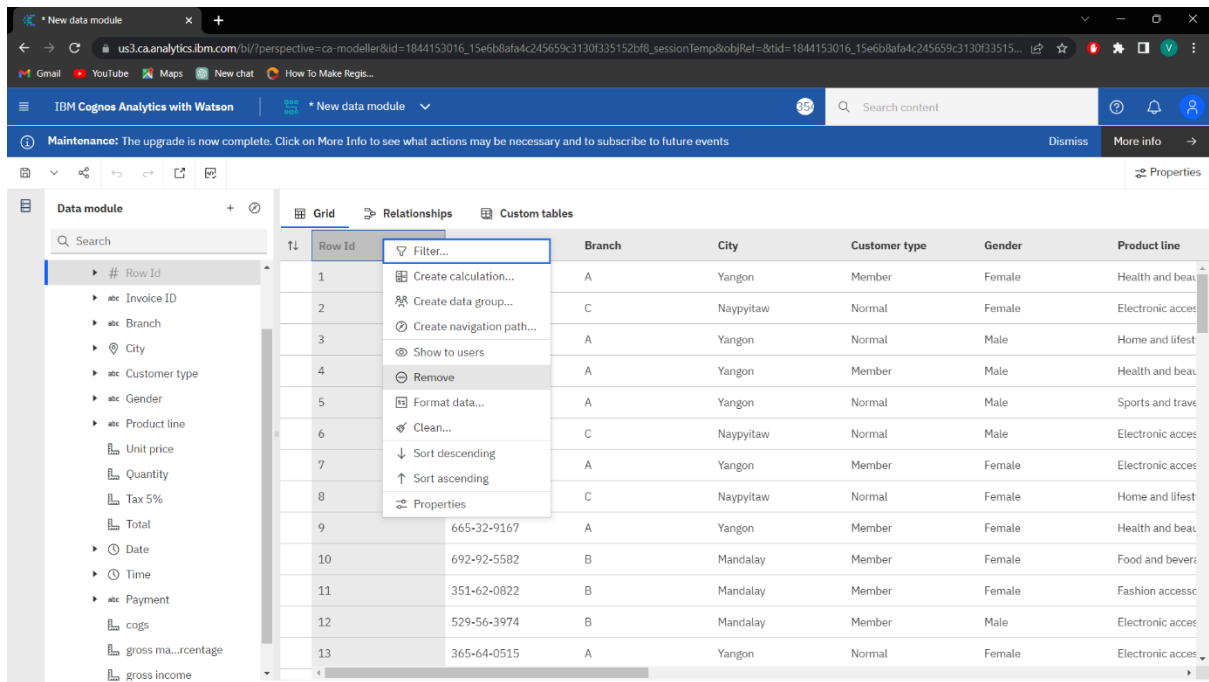
Upload the csv data file which we downloaded from the given link on the assignment.

Step 2: Preparing:



After uploading, go to the prepare data and choose the uploaded csv file.

Supermarket sale analysis visualization

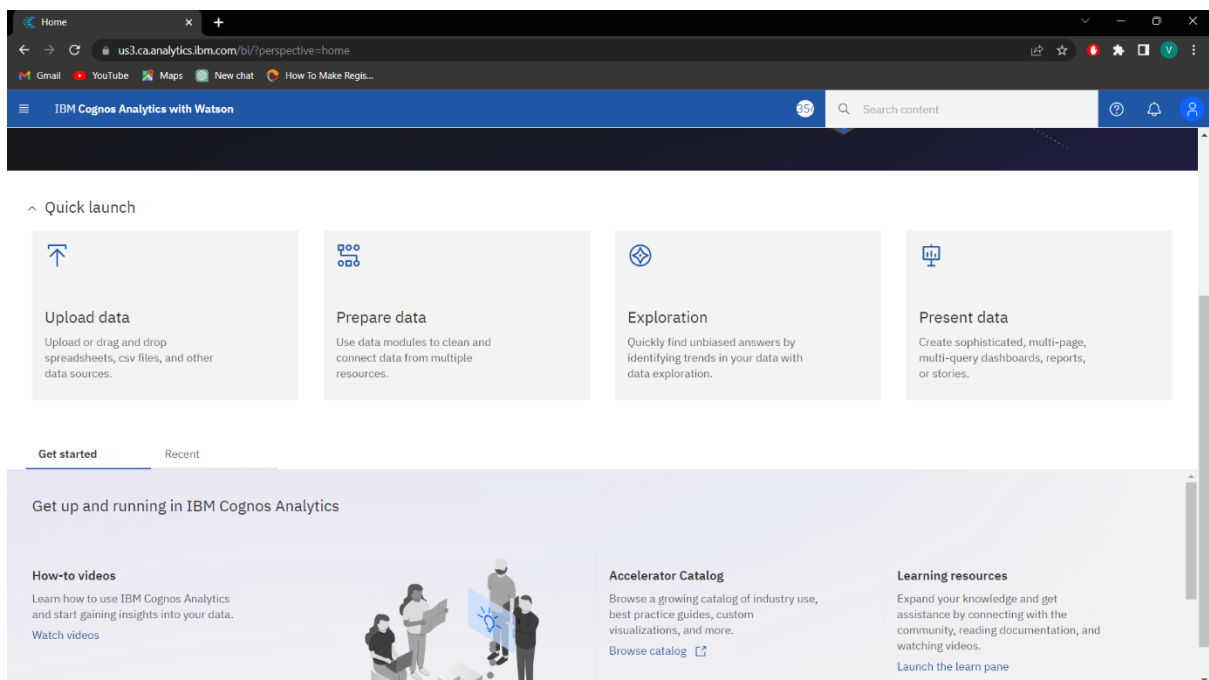


Row Id	Branch	City	Customer type	Gender	Product line
1	A	Yangon	Member	Female	Health and beauty
2	C	Naypyitaw	Normal	Female	Electronic accessories
3	A	Yangon	Normal	Male	Home and lifestyle
4	A	Yangon	Member	Male	Health and beauty
5	A	Yangon	Normal	Male	Sports and travel
6	C	Naypyitaw	Normal	Male	Electronic accessories
7	A	Yangon	Member	Female	Electronic accessories
8	C	Naypyitaw	Normal	Female	Home and lifestyle
9	A	Yangon	Member	Female	Health and beauty
10	B	Mandalay	Member	Female	Food and beverages
11	B	Mandalay	Member	Female	Fashion accessories
12	B	Mandalay	Member	Male	Electronic accessories
13	A	Yangon	Normal	Female	Electronic accessories

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.

Step 3: Exploring:



Quick launch

- Upload data**
Upload or drag and drop spreadsheets, csv files, and other data sources.
- Prepare data**
Use data modules to clean and connect data from multiple resources.
- Exploration**
Quickly find unbiased answers by identifying trends in your data with data exploration.
- Present data**
Create sophisticated, multi-page, multi-query dashboards, reports, or stories.

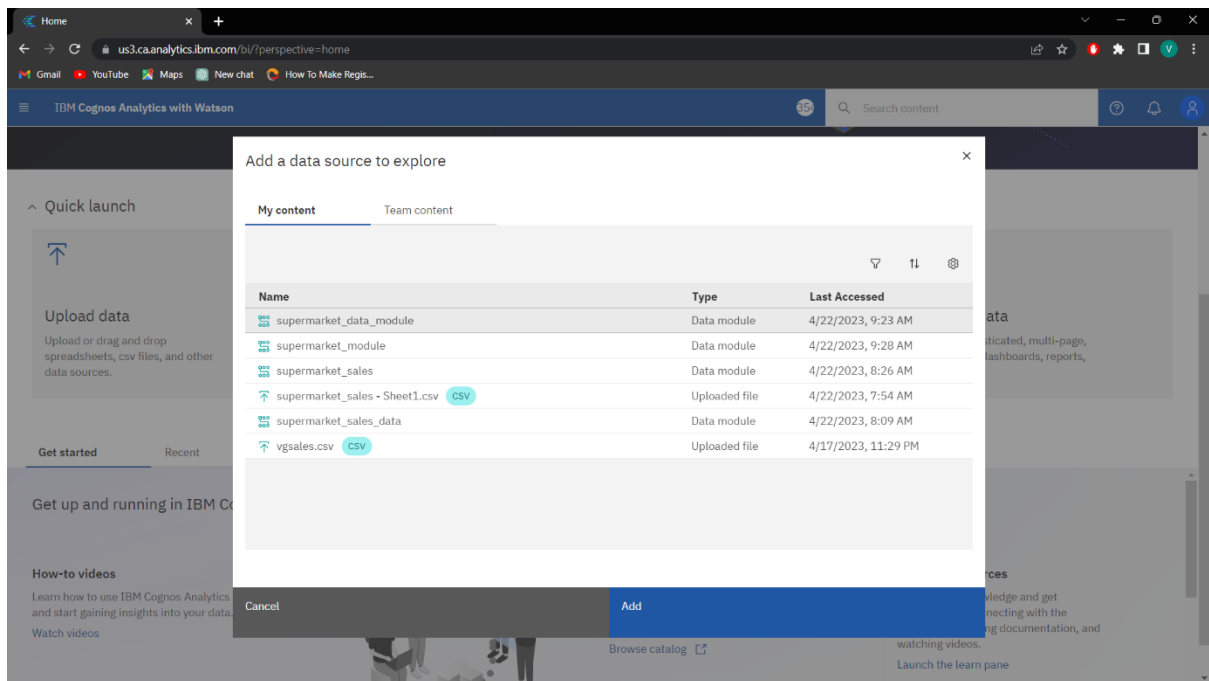
Get started Recent

Get up and running in IBM Cognos Analytics

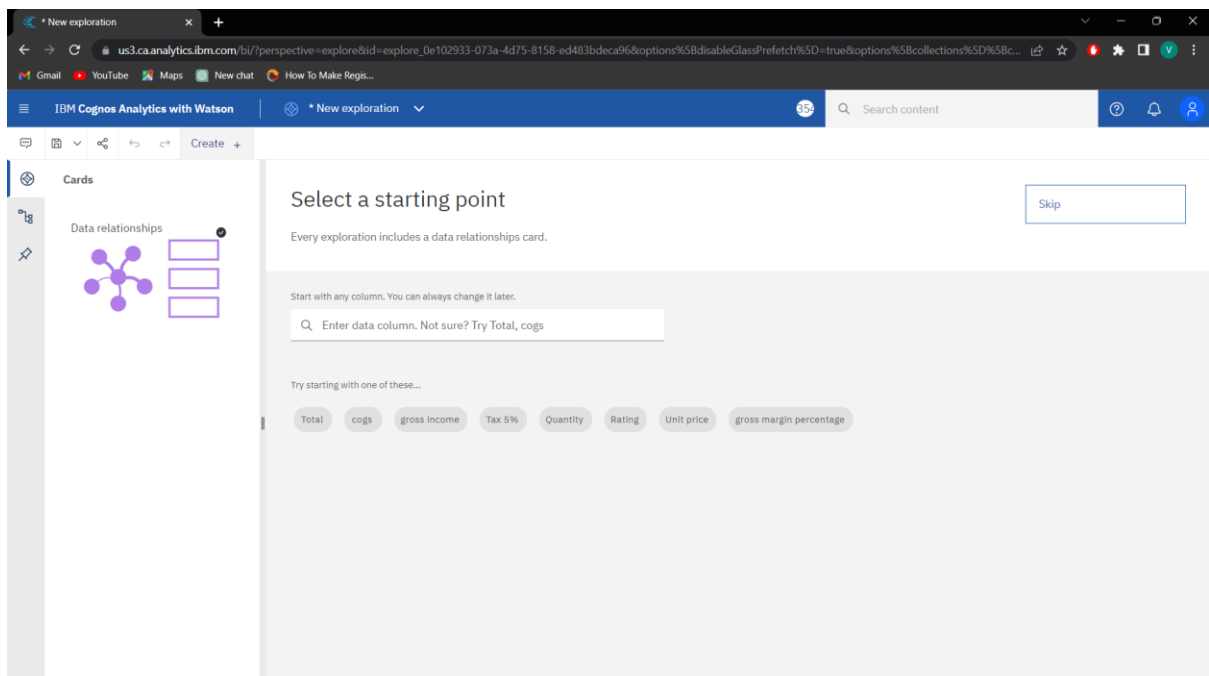
- How-to videos**
Learn how to use IBM Cognos Analytics and start gaining insights into your data.
[Watch videos](#)
- Accelerator Catalog**
Browse a growing catalog of industry use, best practice guides, custom visualizations, and more.
[Browse catalog](#)
- Learning resources**
Expand your knowledge and get assistance by connecting with the community, reading documentation, and watching videos.
[Launch the learn pane](#)

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

Supermarket sale analysis visualization

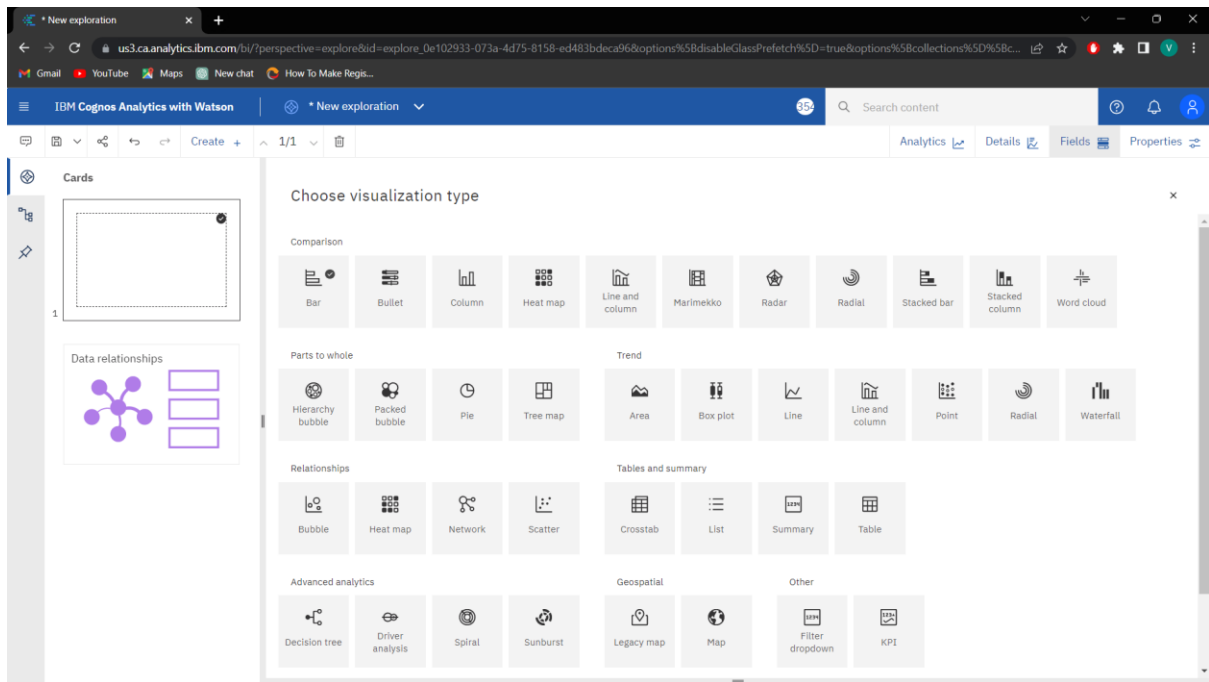


Then add the data module to the explorations.

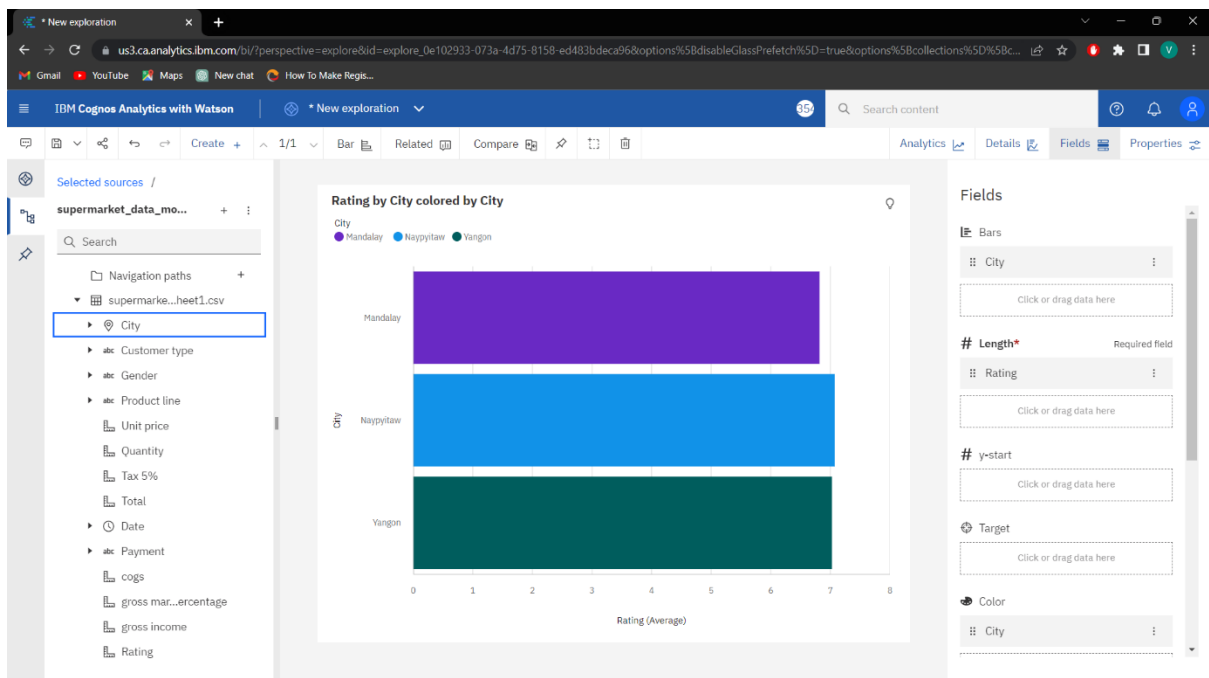


Click on create and choose the exploration style. In my case, I have chosen the single.

Supermarket sale analysis visualization

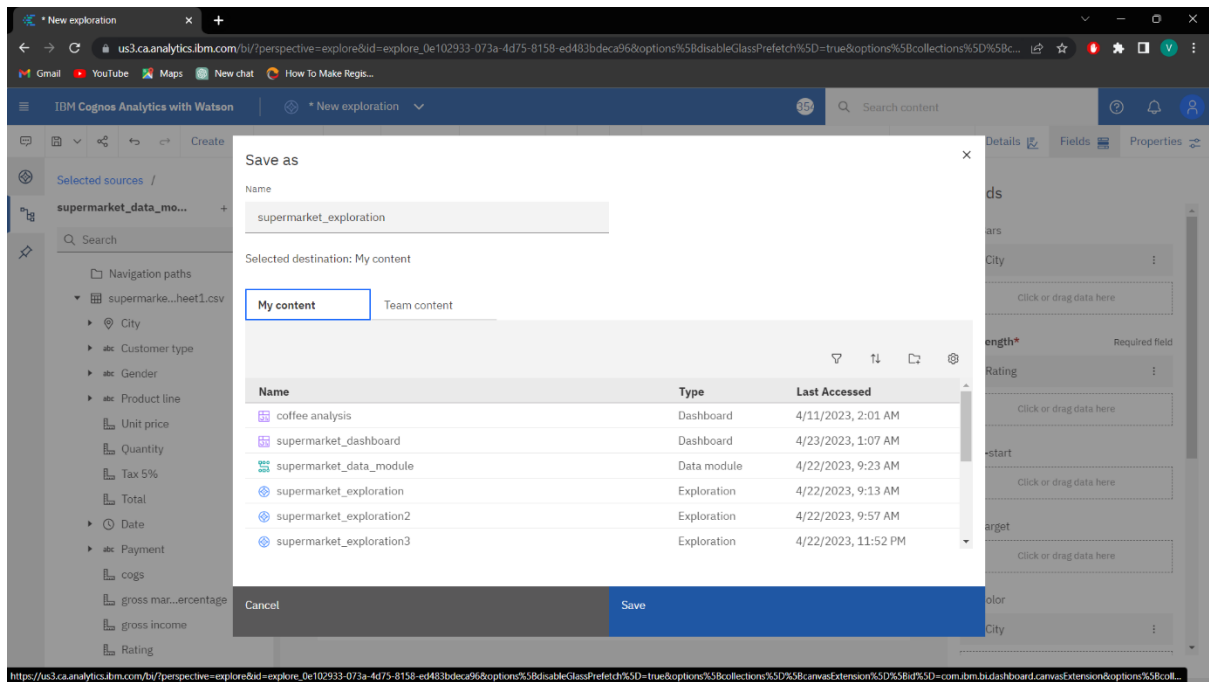


Then choose the type of the visualization. Each type of visualization is used for different needs.



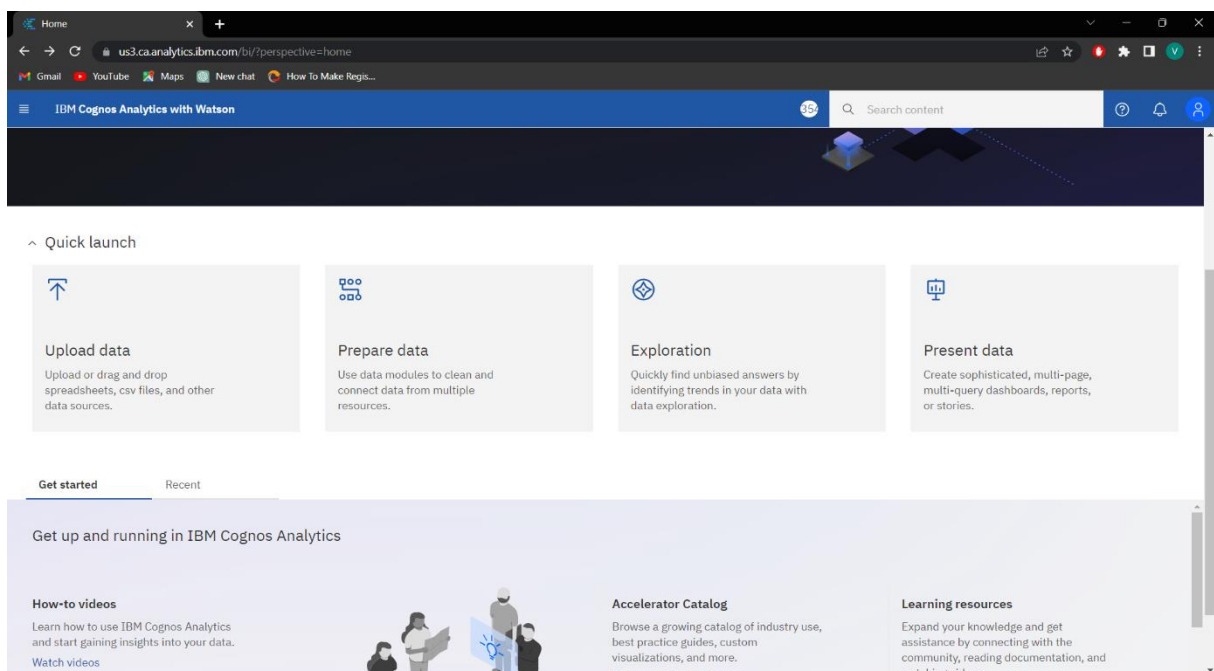
In the fields, we have to mention the attributes for the x-axis, y-axis and colours.

Supermarket sale analysis visualization



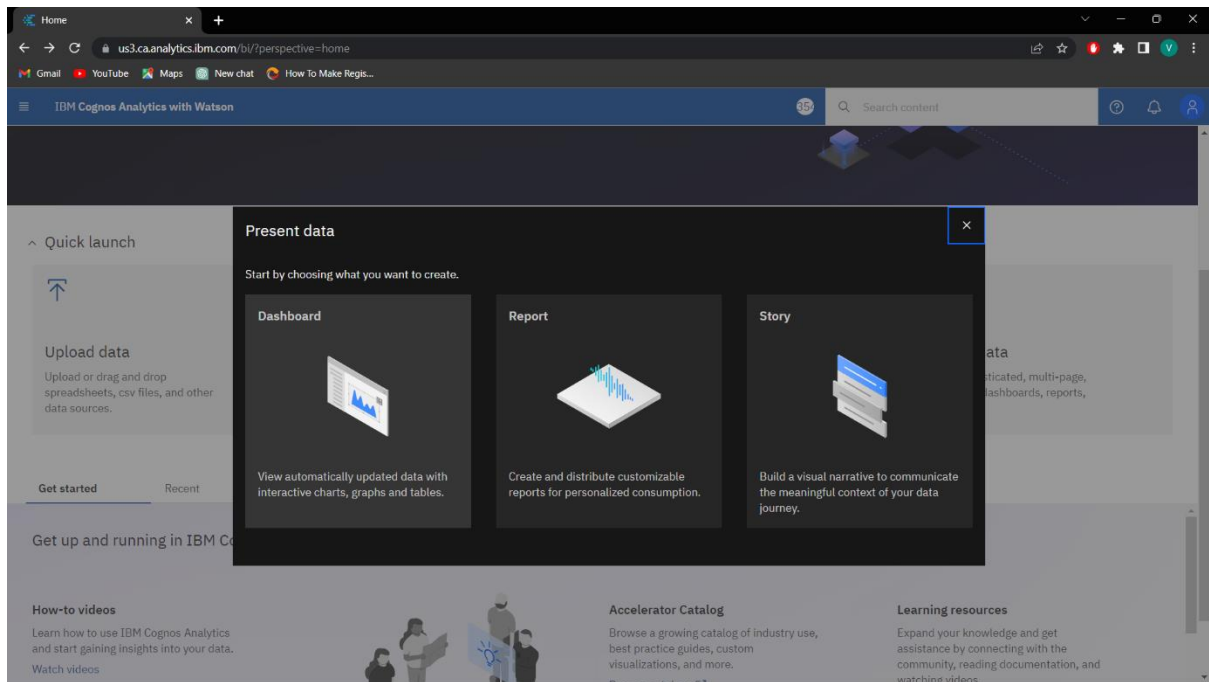
After exploring save it in a required name.

Step 4: Presenting:

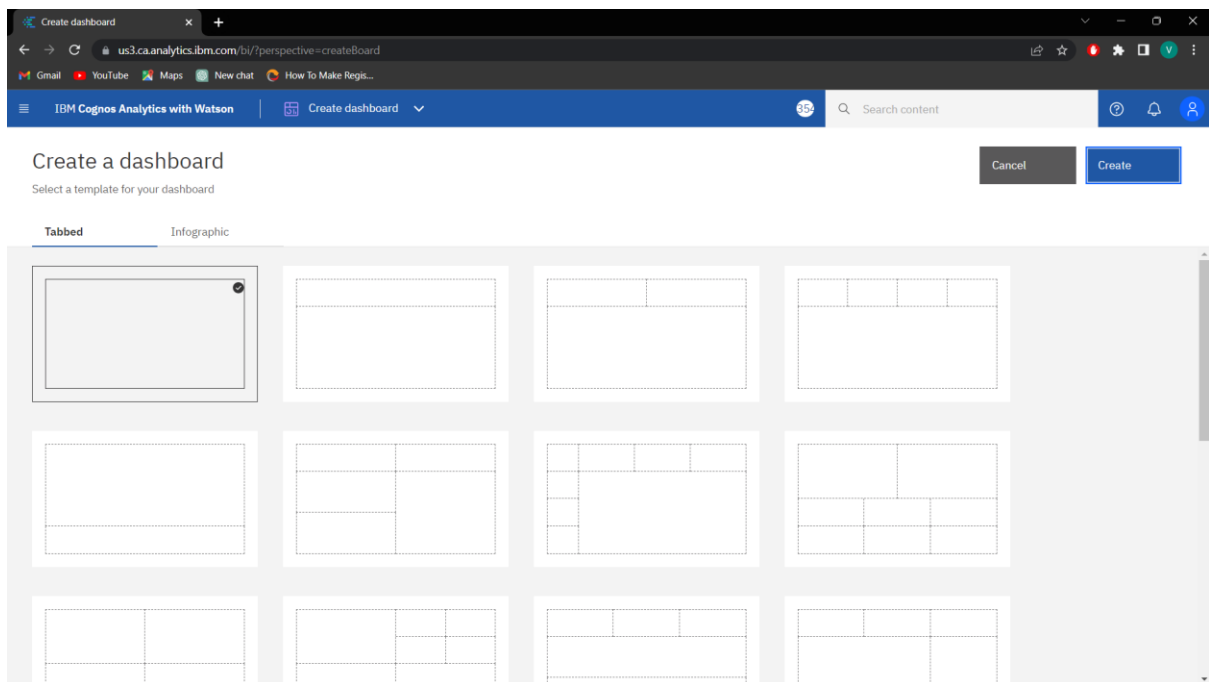


Supermarket sale analysis visualization

Go for the present data.

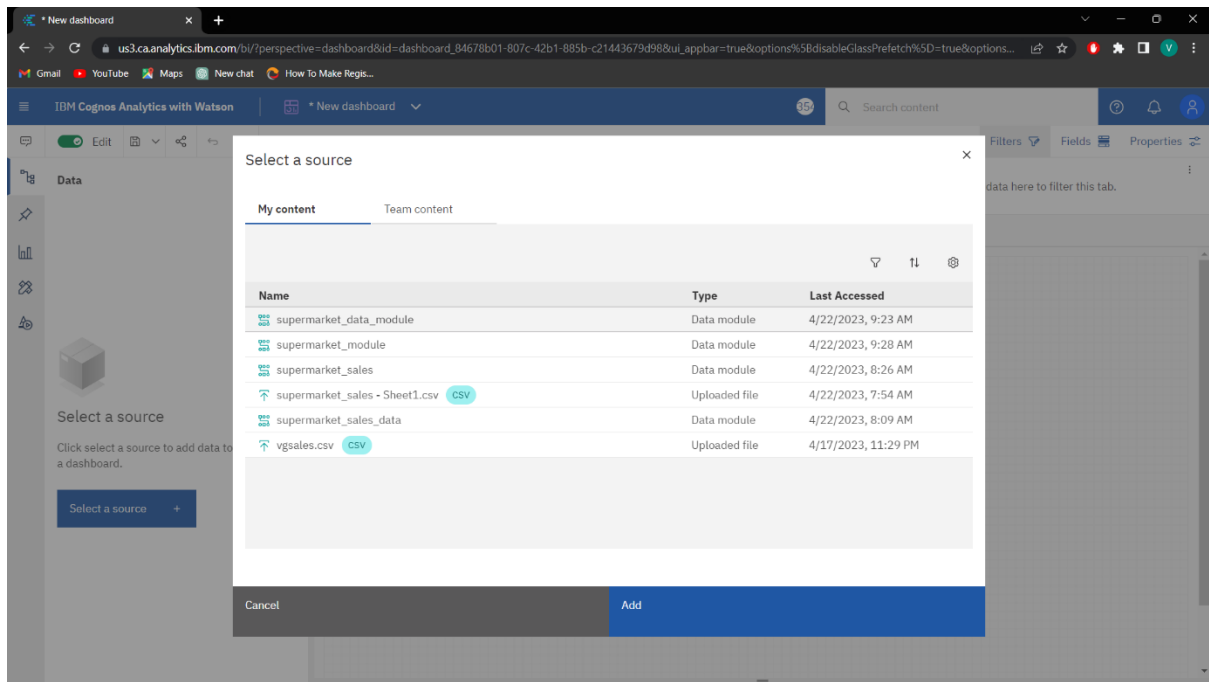


Choose the type of presentation. In my case I am using dashboard.

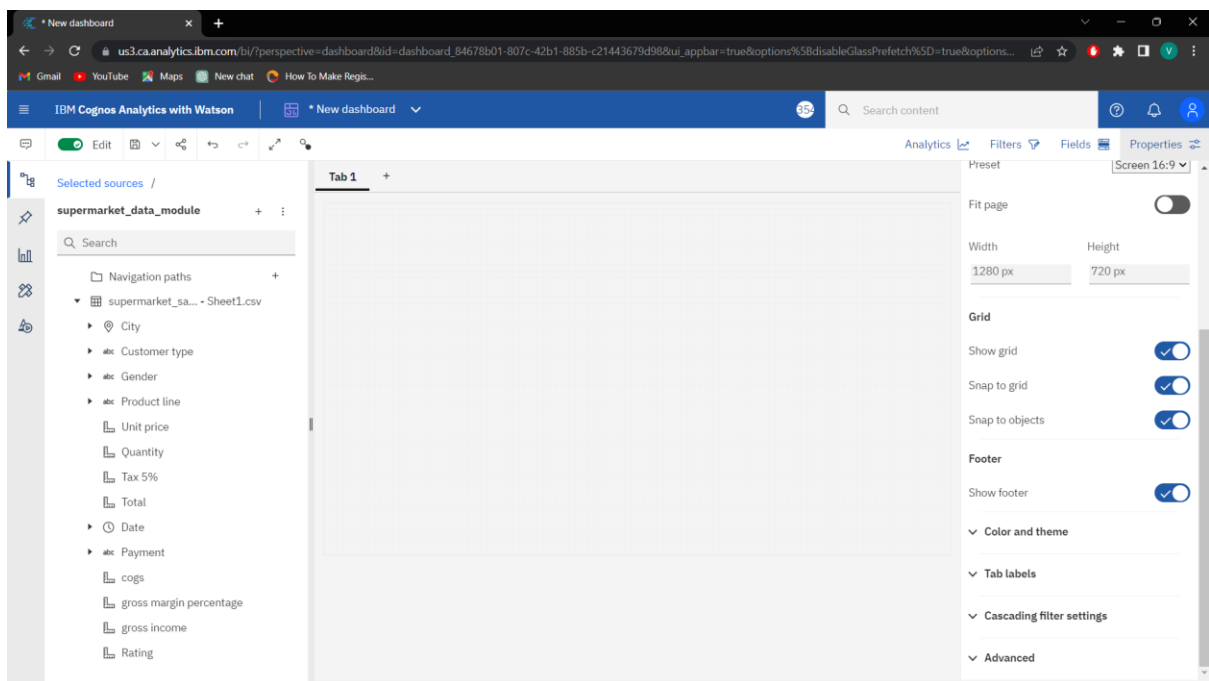


Choose the type of dashboard.

Supermarket sale analysis visualization

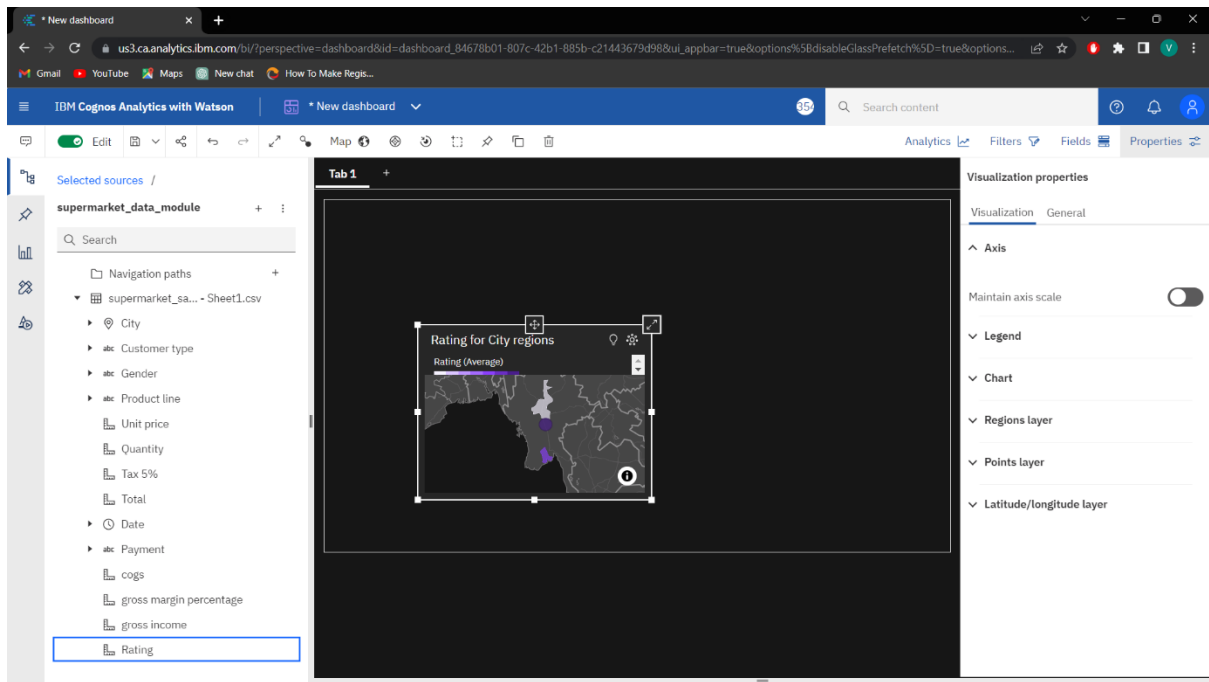


Add the source file to the dashboard.

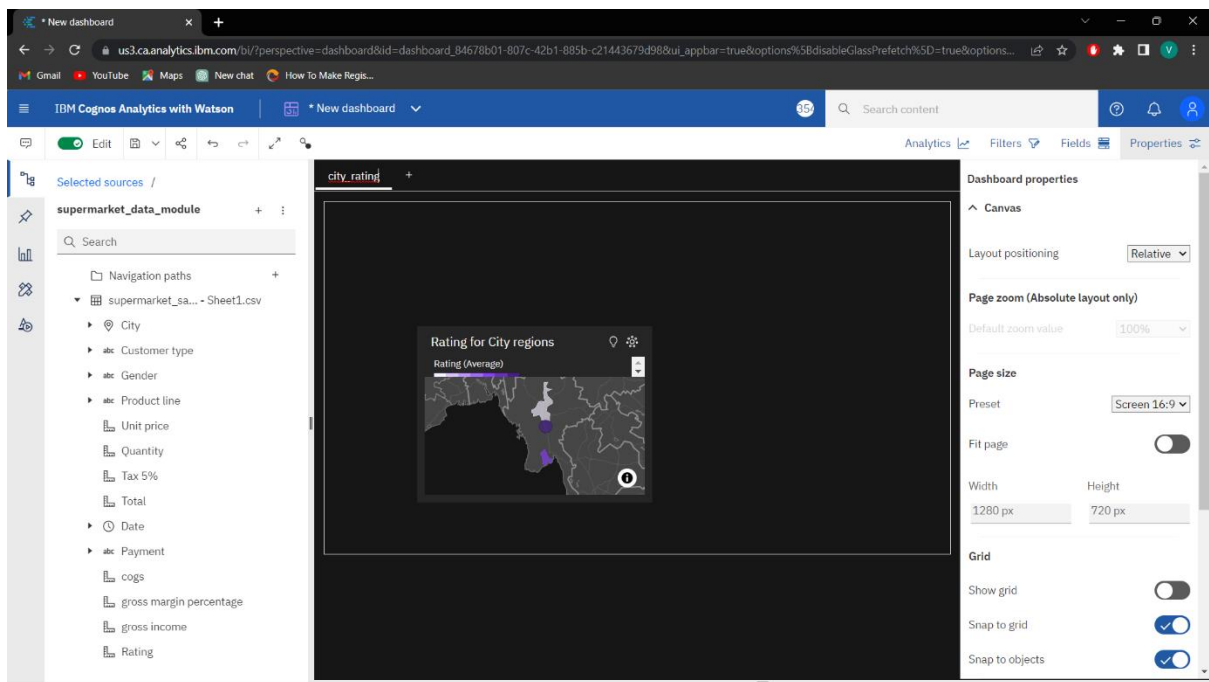


Adjust the dashboard settings for our convenience.

Supermarket sale analysis visualization

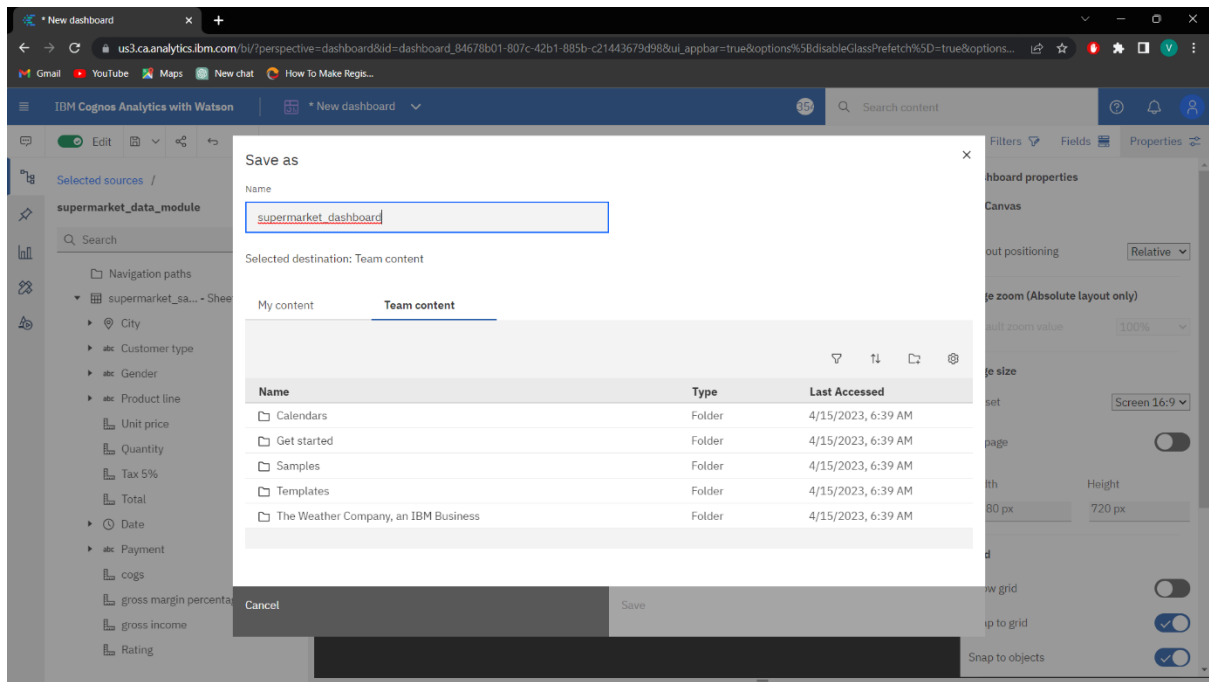


We can able to directly drag the data from the source or we can also able to plot our exploration directly from the pinned things.



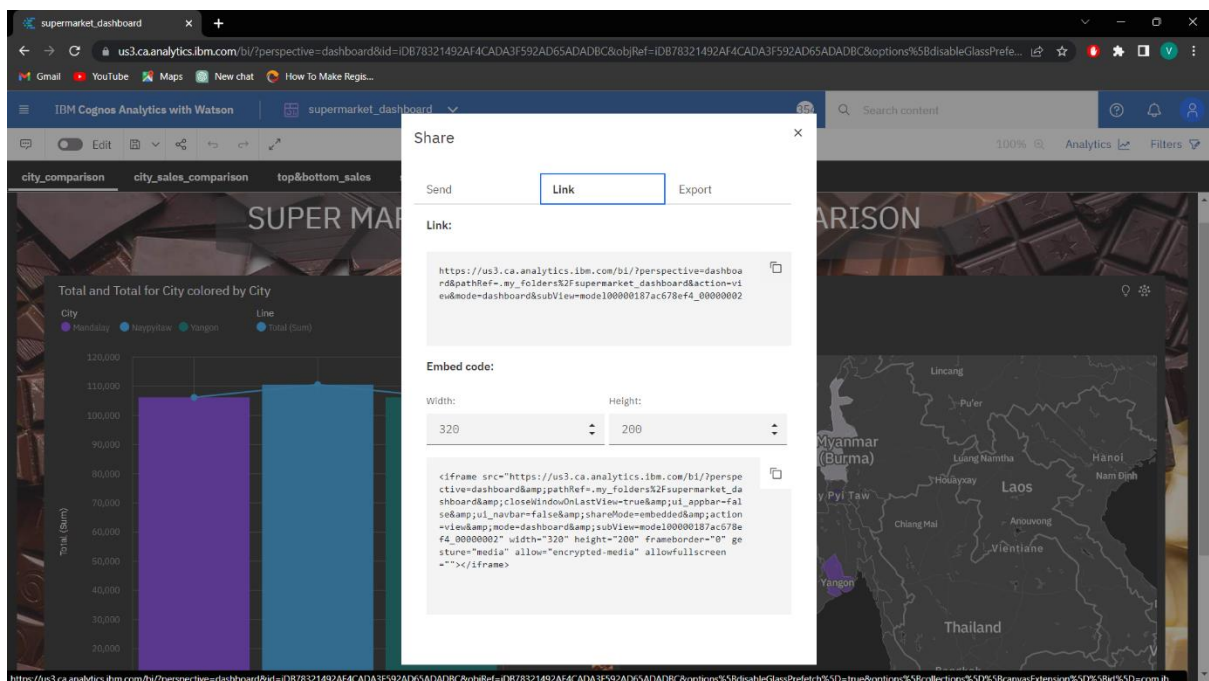
Change the tab name for our reference.

Supermarket sale analysis visualization



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

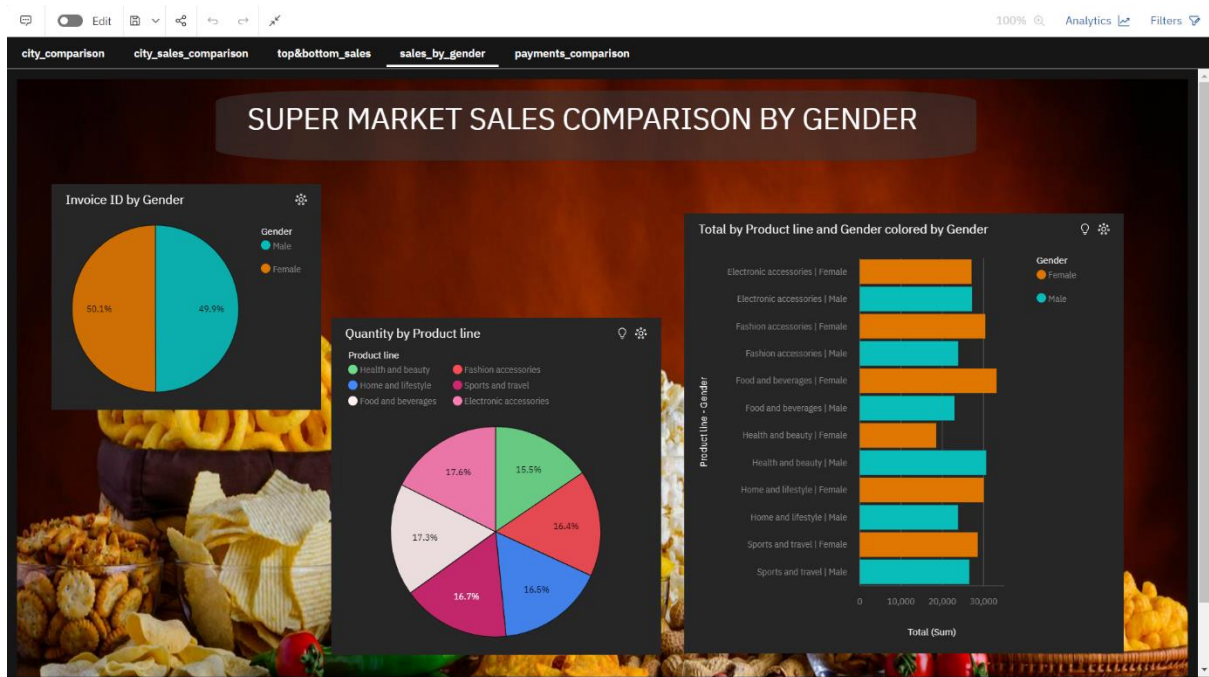
Finally we get the visualization of our analytics.



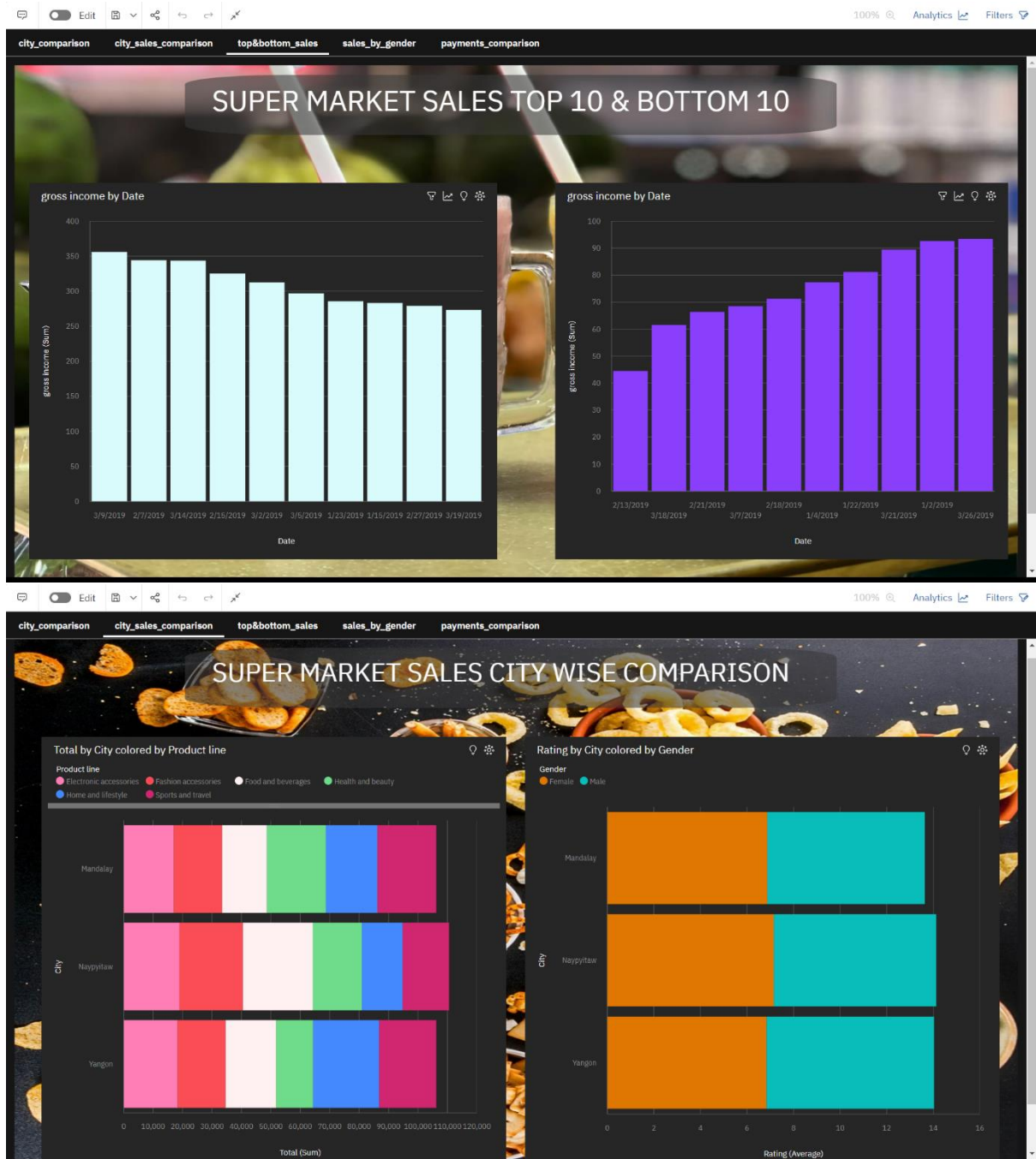
Using share option, we can able to share our presentation as direct link or the embed code.

Supermarket sale analysis visualization

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



Supermarket sale analysis visualization



Supermarket sale analysis visualization



Here is the link for the presentation:

https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2Fsupermarket_dashboard&action=view&mode=dashboard&subView=model00000187ac678ef4_00000002