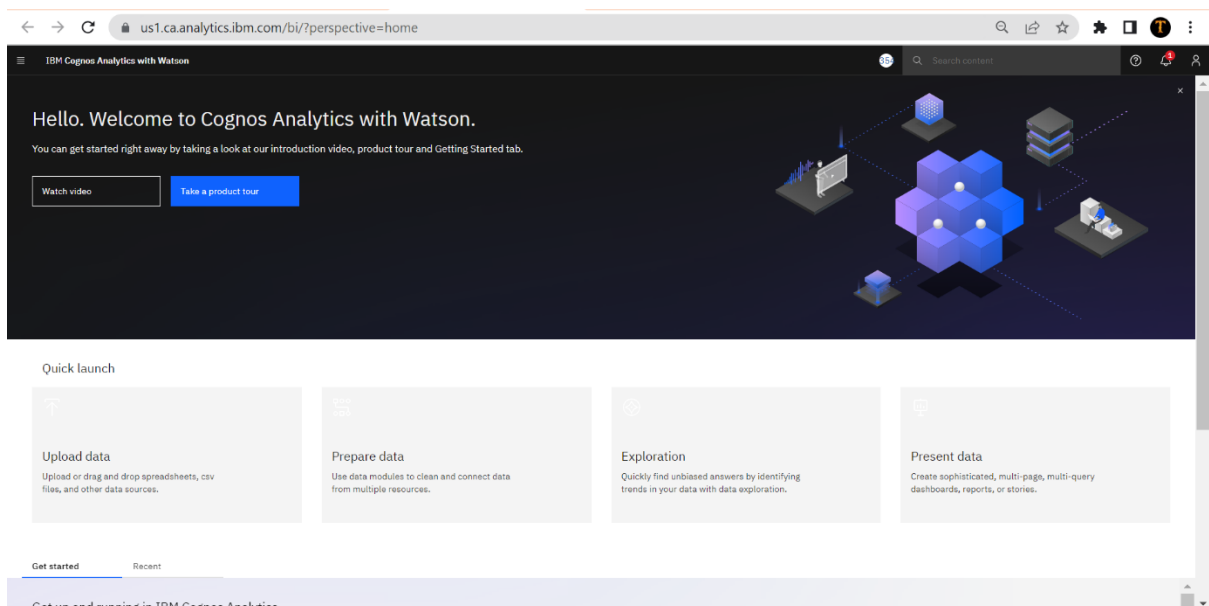


DATA VISUALIZATION ON SUPERMARKET SALE ANALYSIS

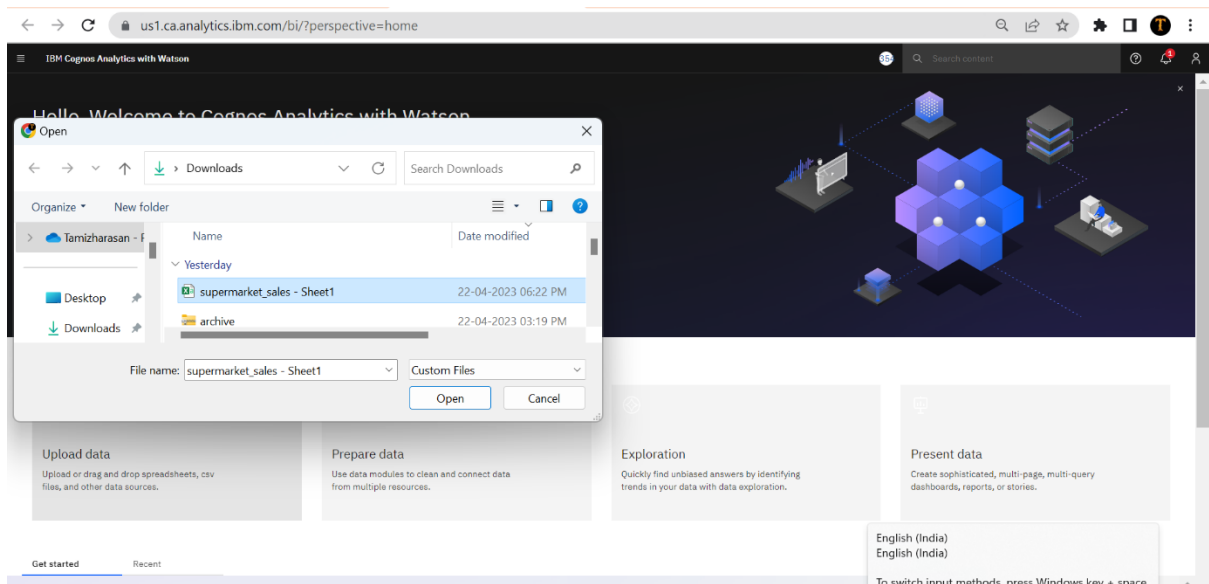
NAME: TAMIZHARASAN.K

IBM ID: 2k20cse159@kiot.ac.in

UPLOADING THE DATA:

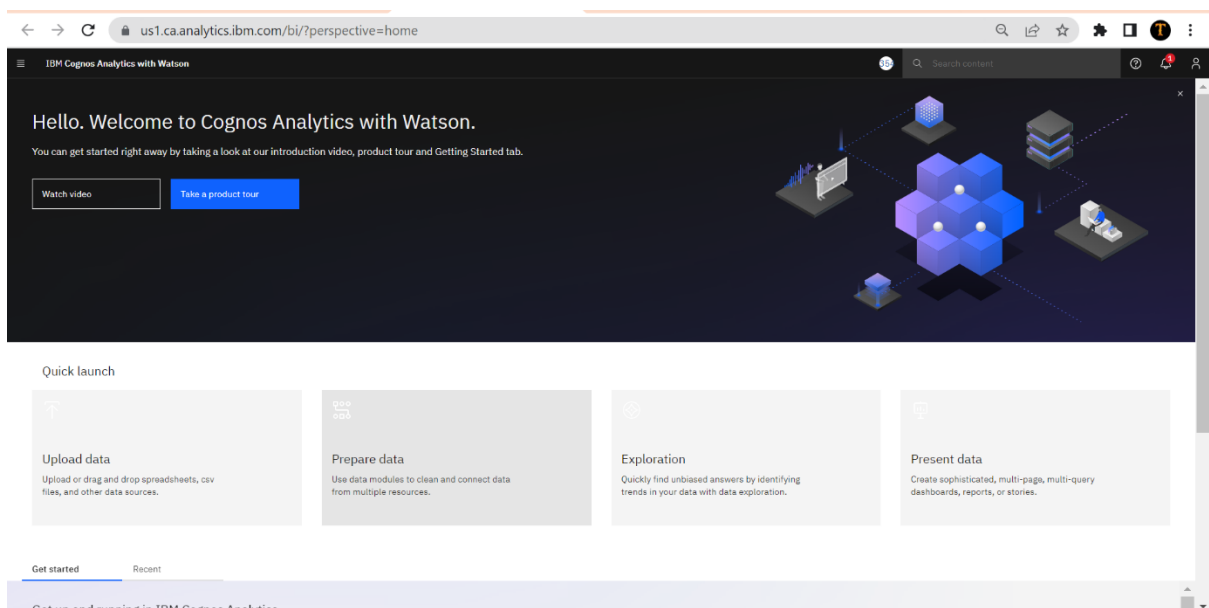


Login to the ibm cognos analytics and upload the data.



Upload the given data which is in the csv file format.

Preparing the data:



After completed uploading data set on upload data icon.click on the prepare data icon.

| Row | 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 |
| 14 | A | Yangon | Normal | Male | Food and beverages |

Remove the unnecessary columns ,that what we have to do on the preparation of the data.

Exploring the data:

Hello. Welcome to Cognos Analytics with Watson.

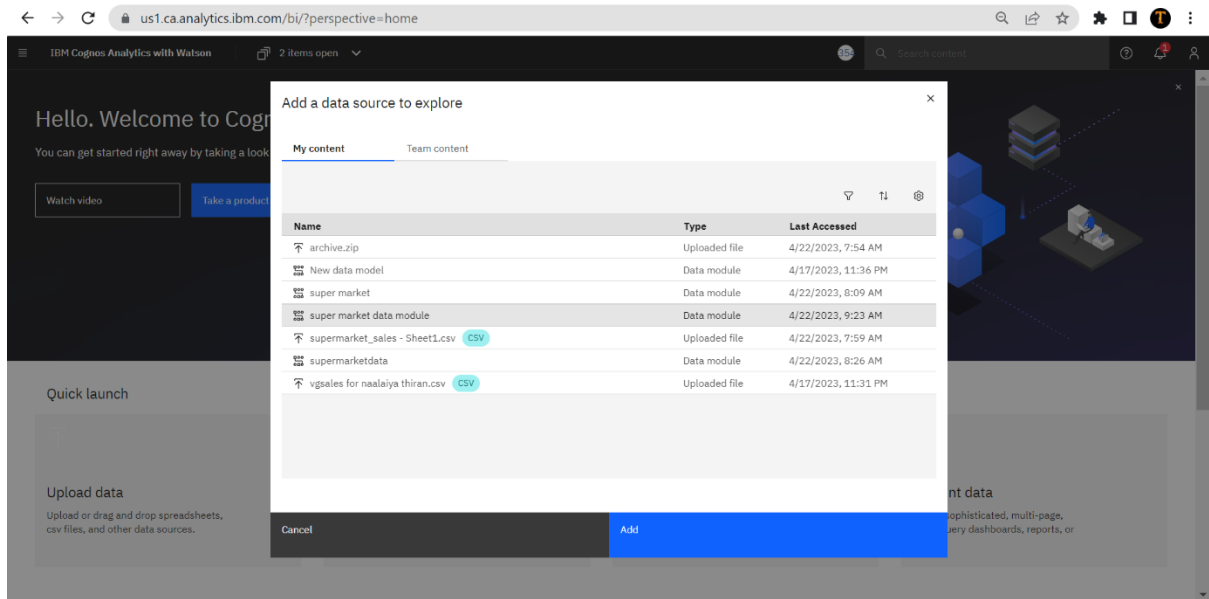
You can get started right away by taking a look at our introduction video, product tour and Getting Started tab.

[Watch video](#) [Take a product tour](#)

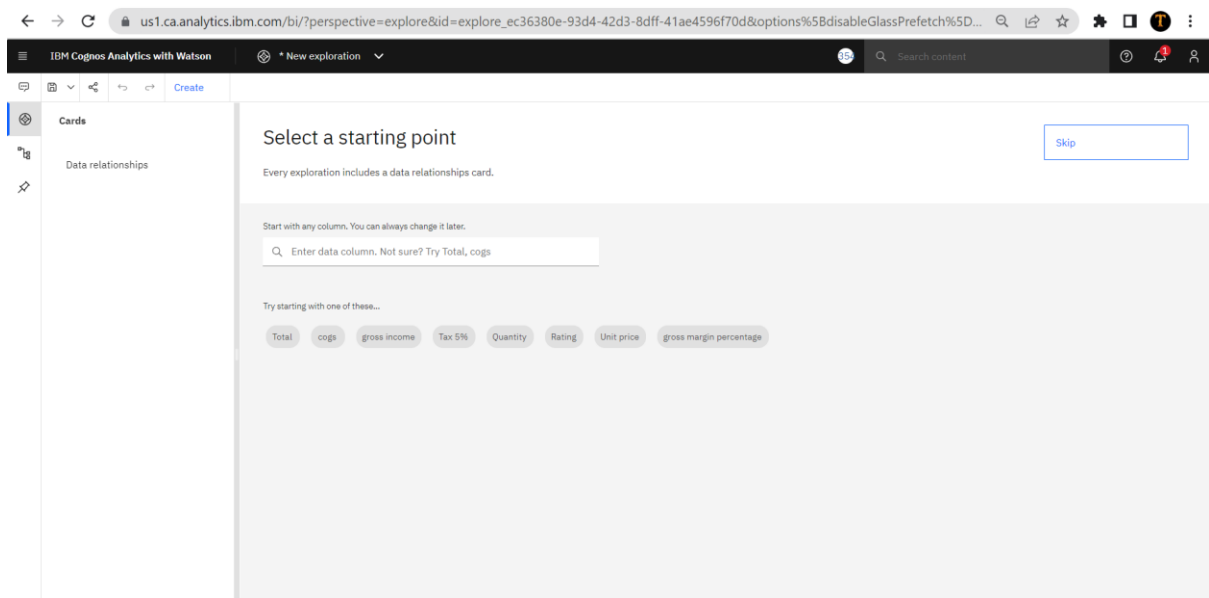
Quick launch

- 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.

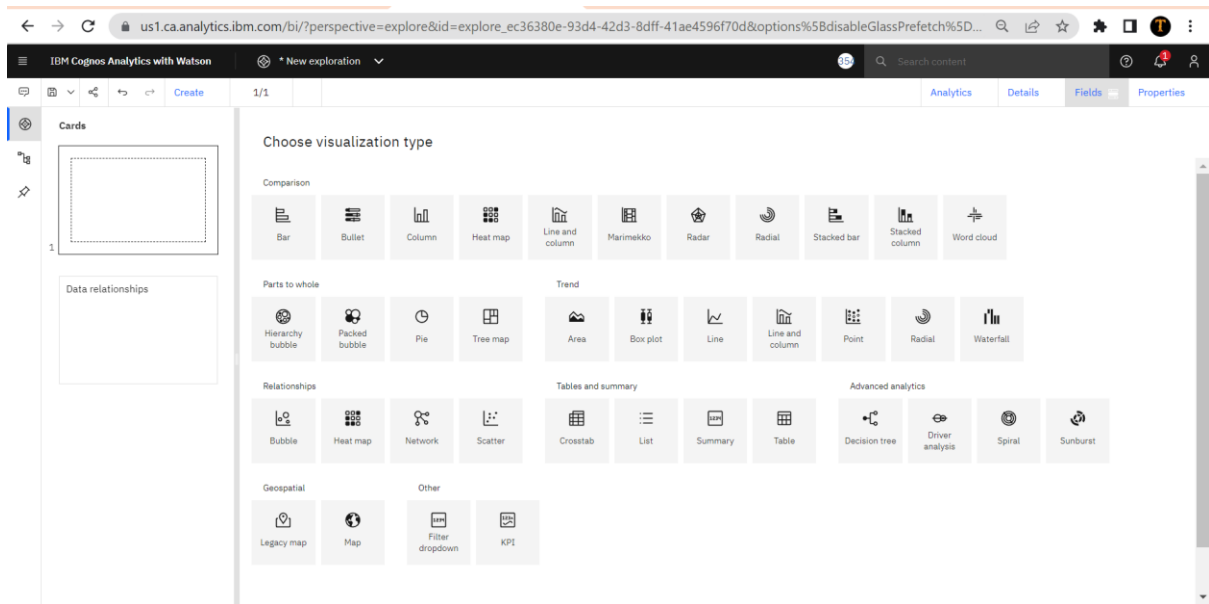
After updating the data and preparing the data we have to click on the exploratation icon.



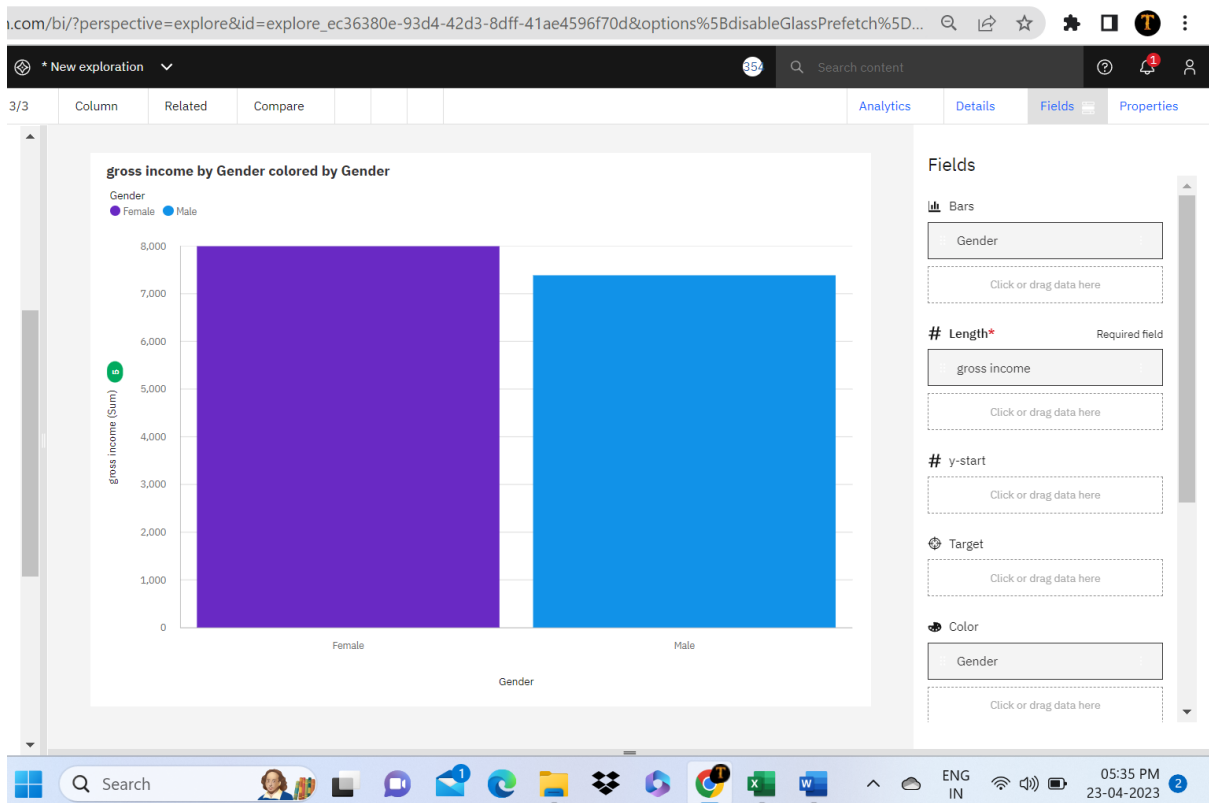
Add the data module for the exploration.



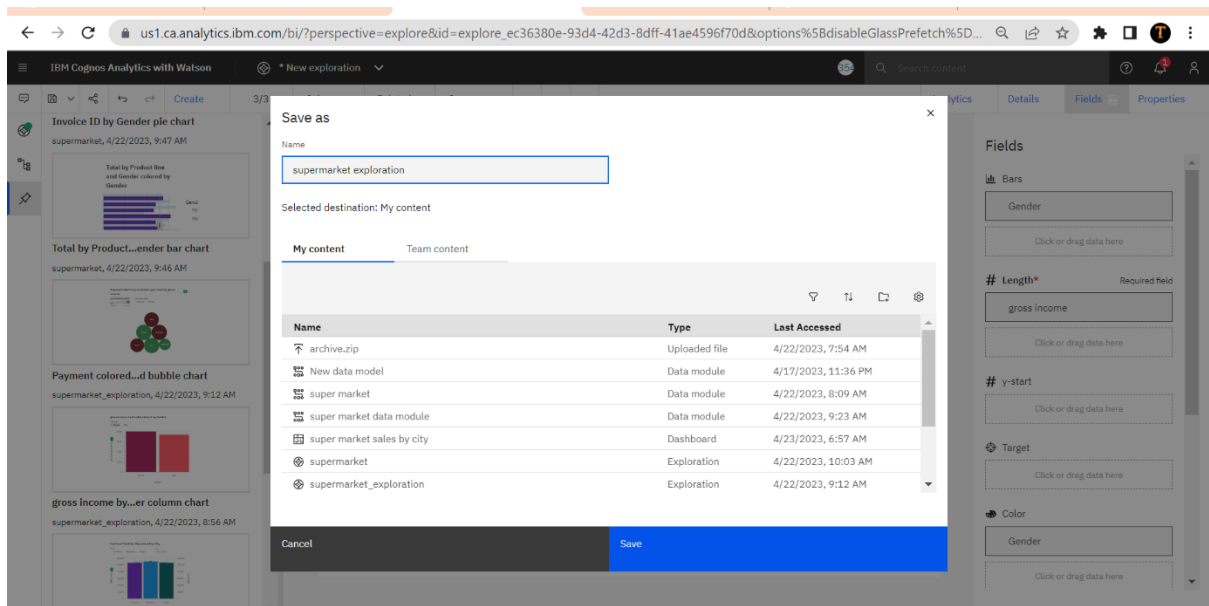
Click on create icon and choose the exploration style which we want.



There is an lot of visualization.choose what we want.

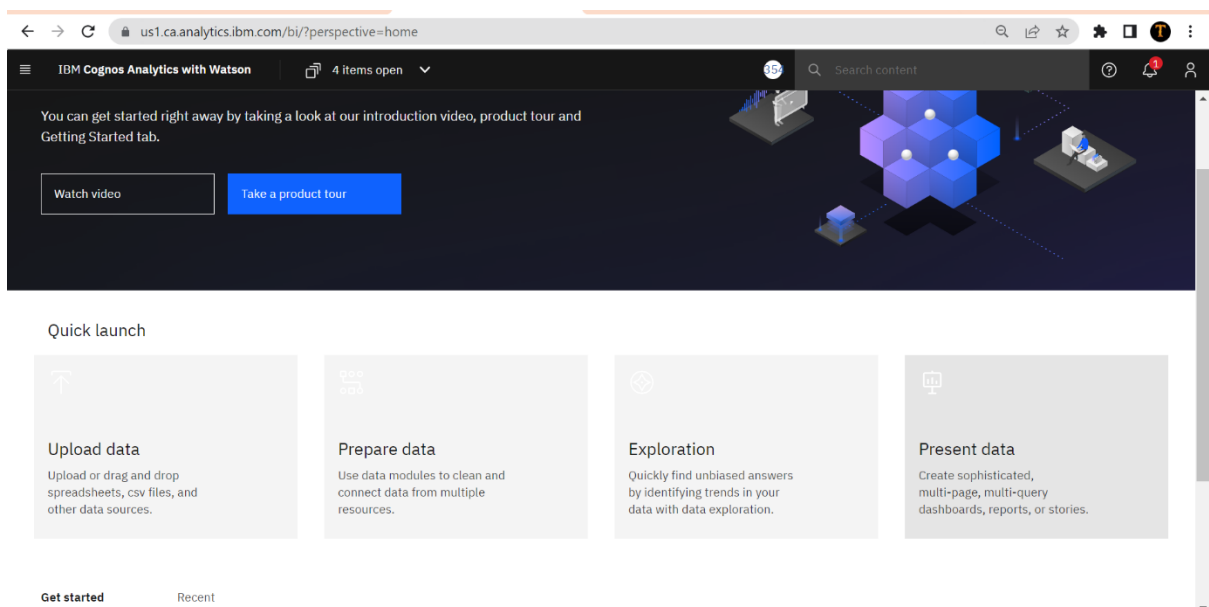


After that we have to add the necessary attributes.

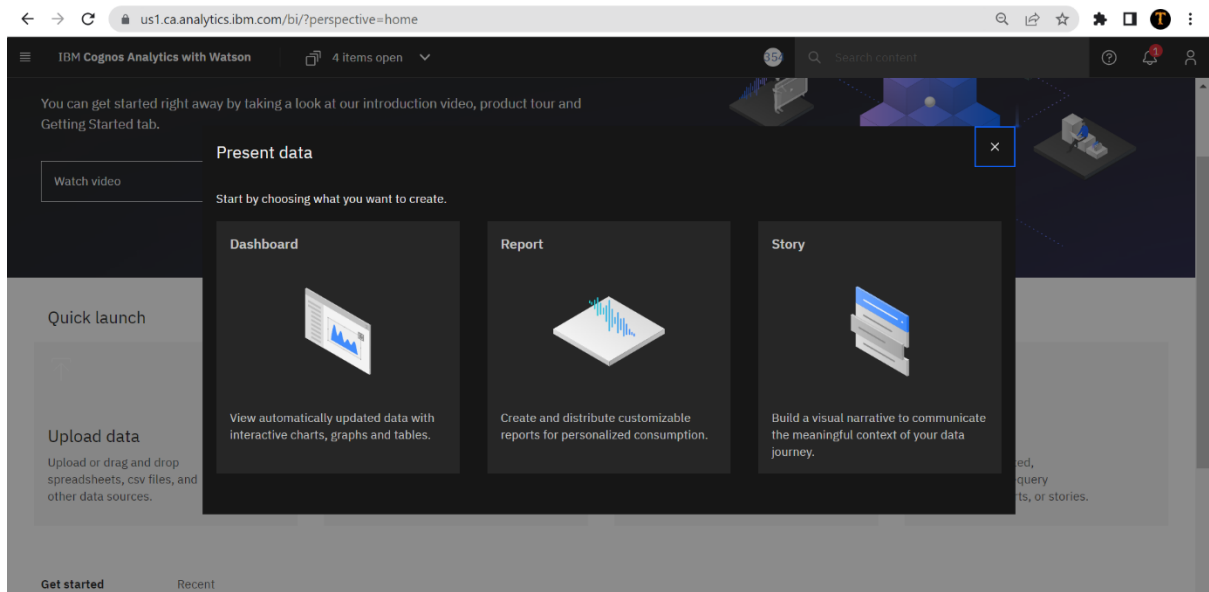


After exploring the data we need to save the data in a required name.

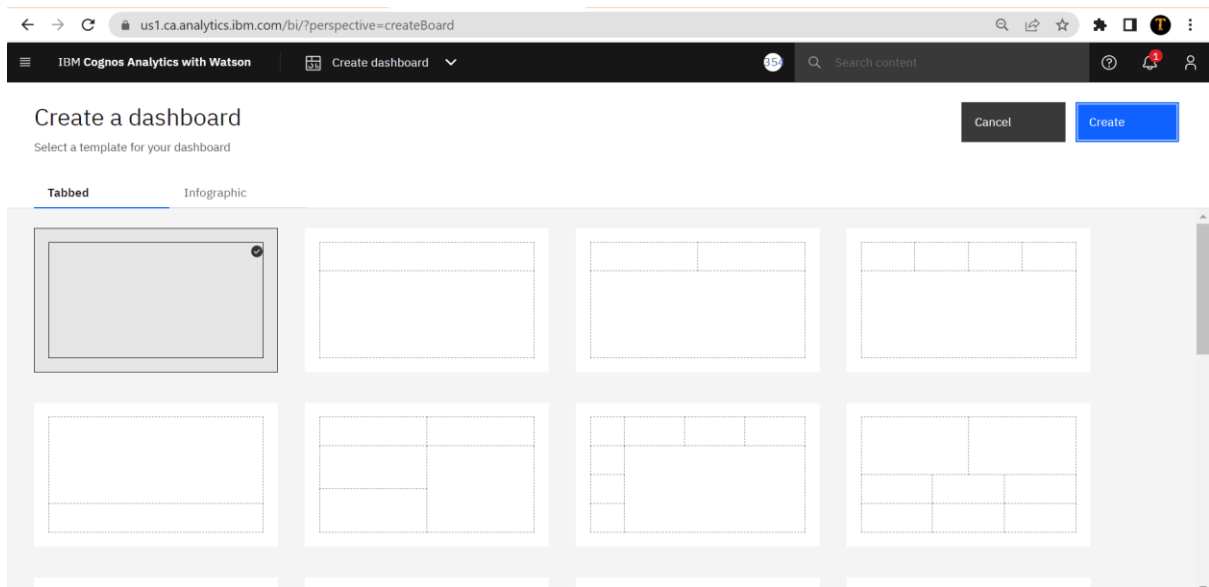
Presenting the data:



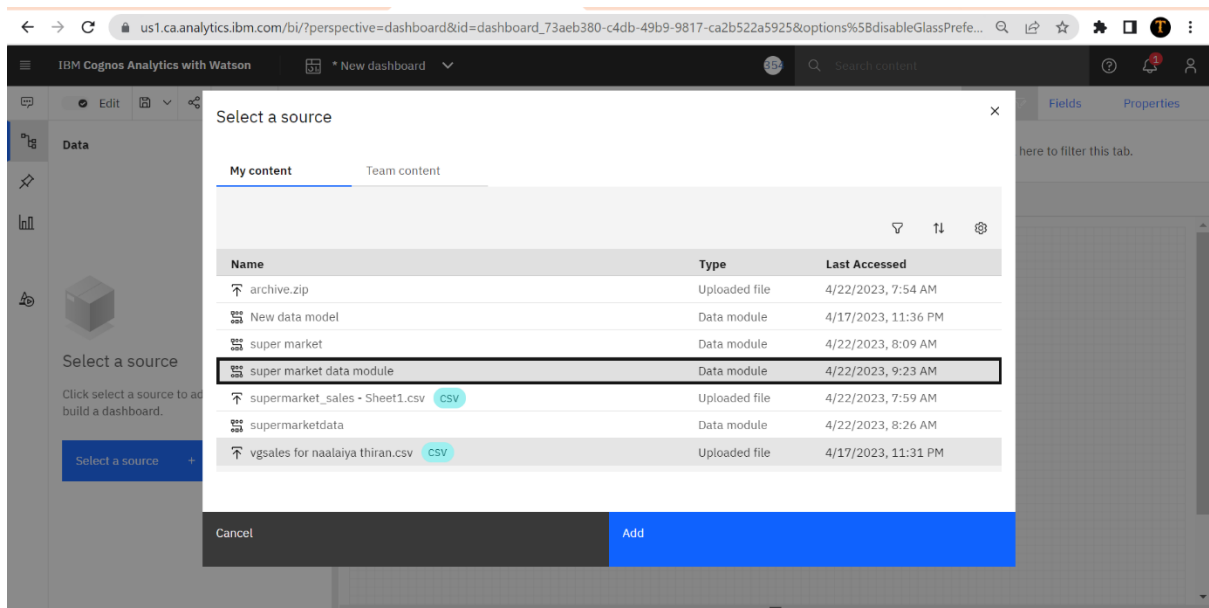
After completing three phases which are upload, prepare and exploration we get into the final phase which is present data.



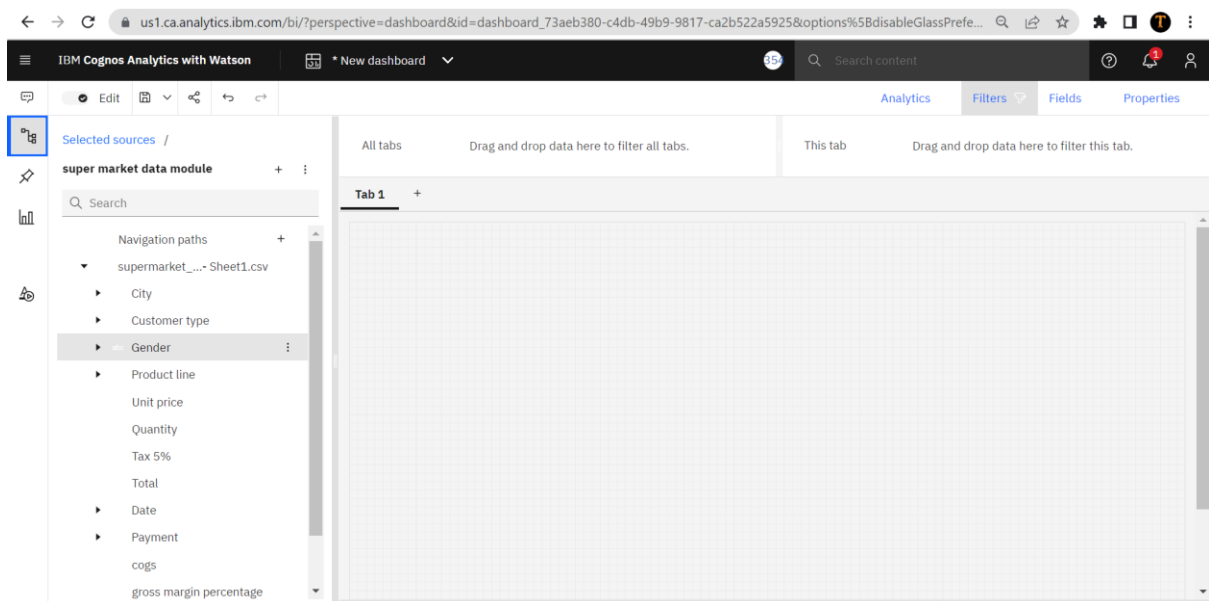
Choose the type of presentation which I will use the dashboard.



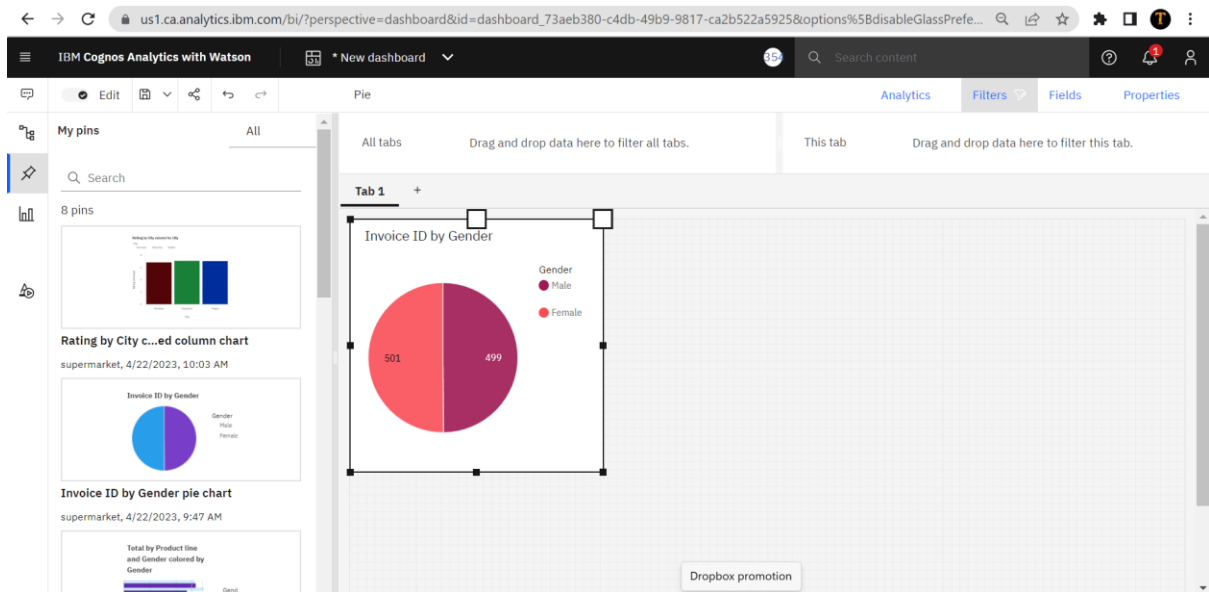
Choose the dashboard what we need and create.



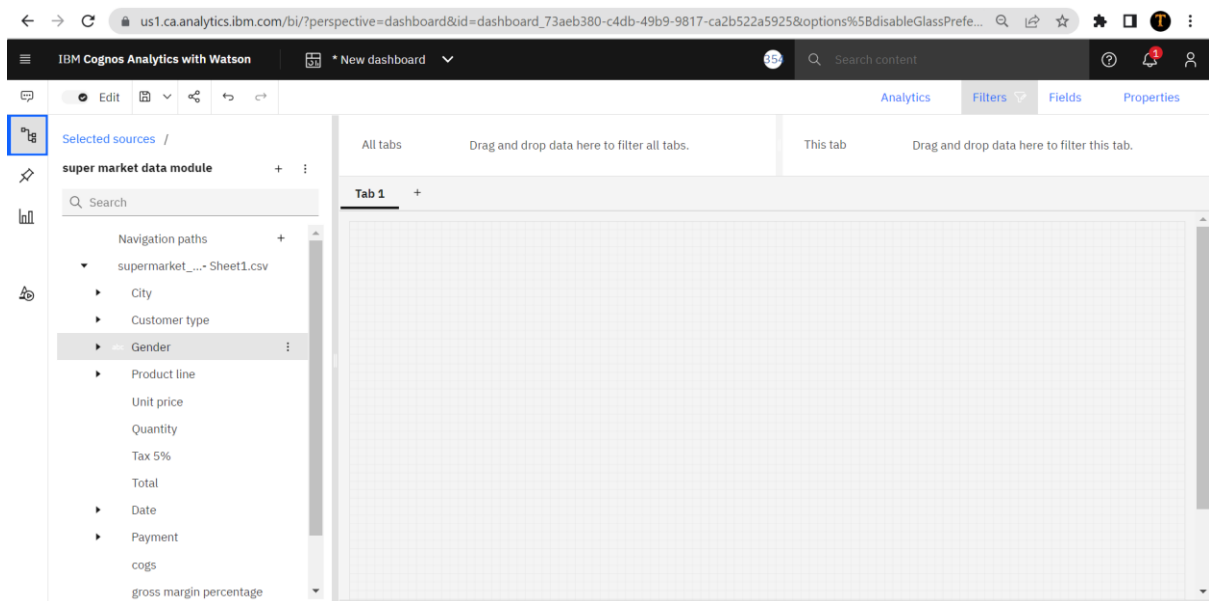
Add the file to the dashboard.

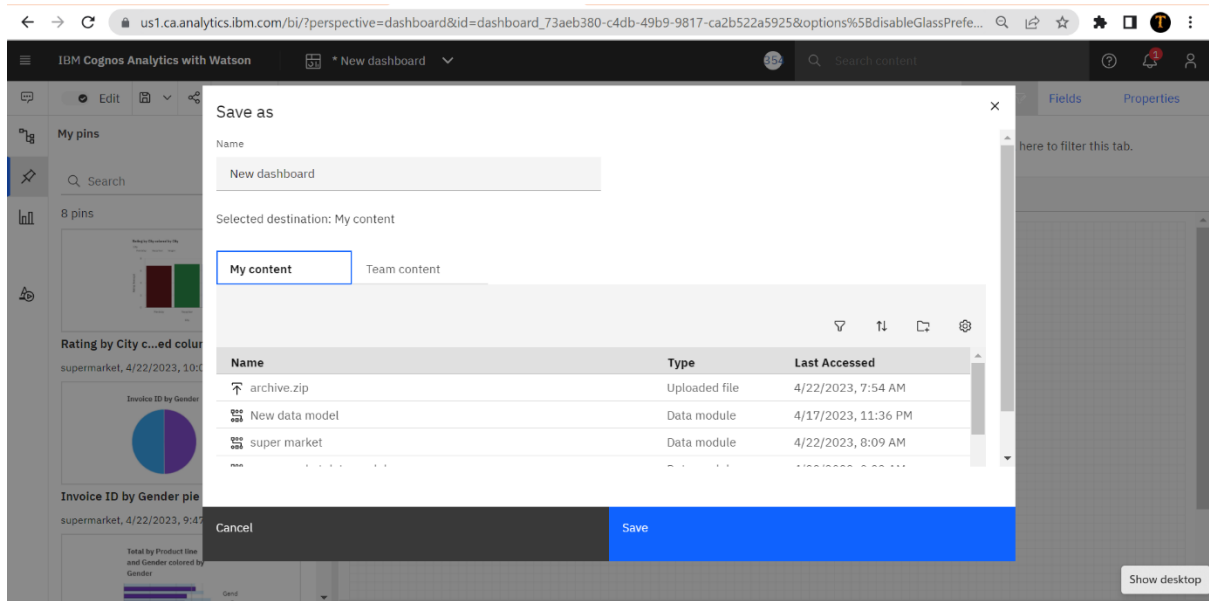


Create the tab for preparing the data.



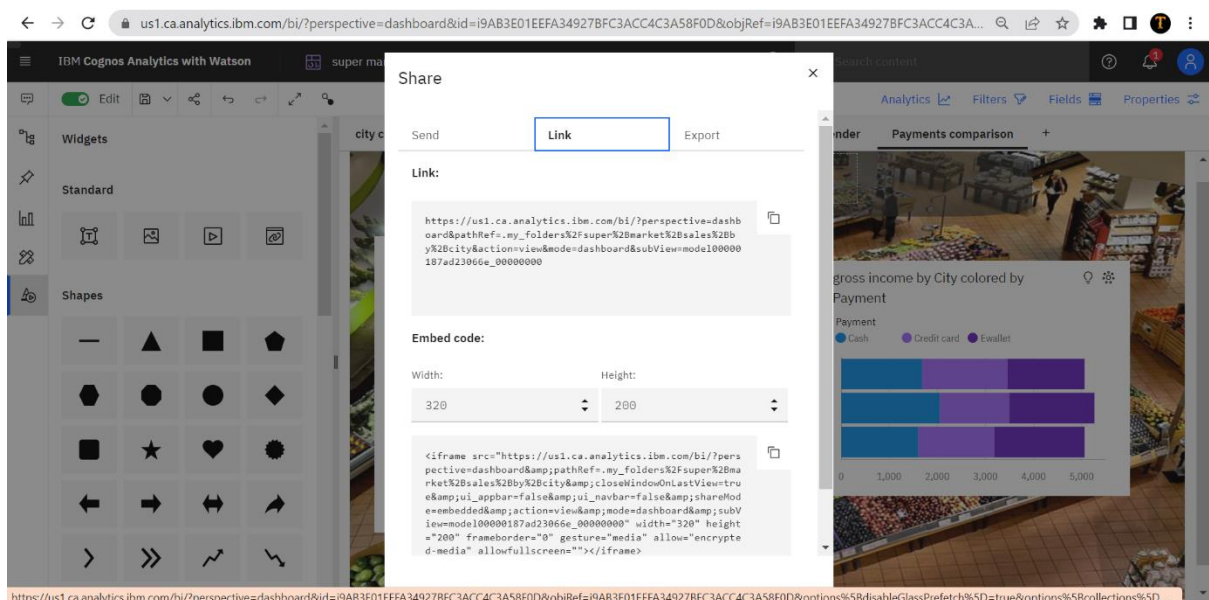
We can able to directly drag the data from the source or we can also able to plot our exploration directly from the pinned things.





After complete visualization on tabs save all the 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.

The screenshots of the tab:

