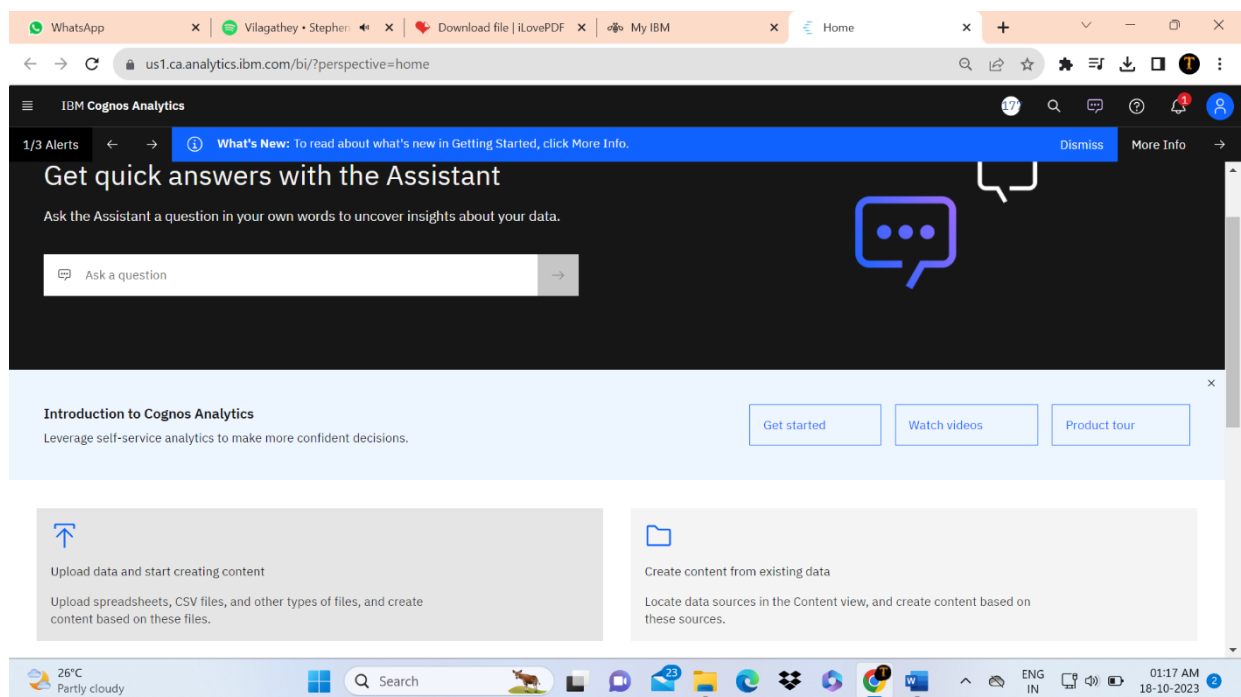


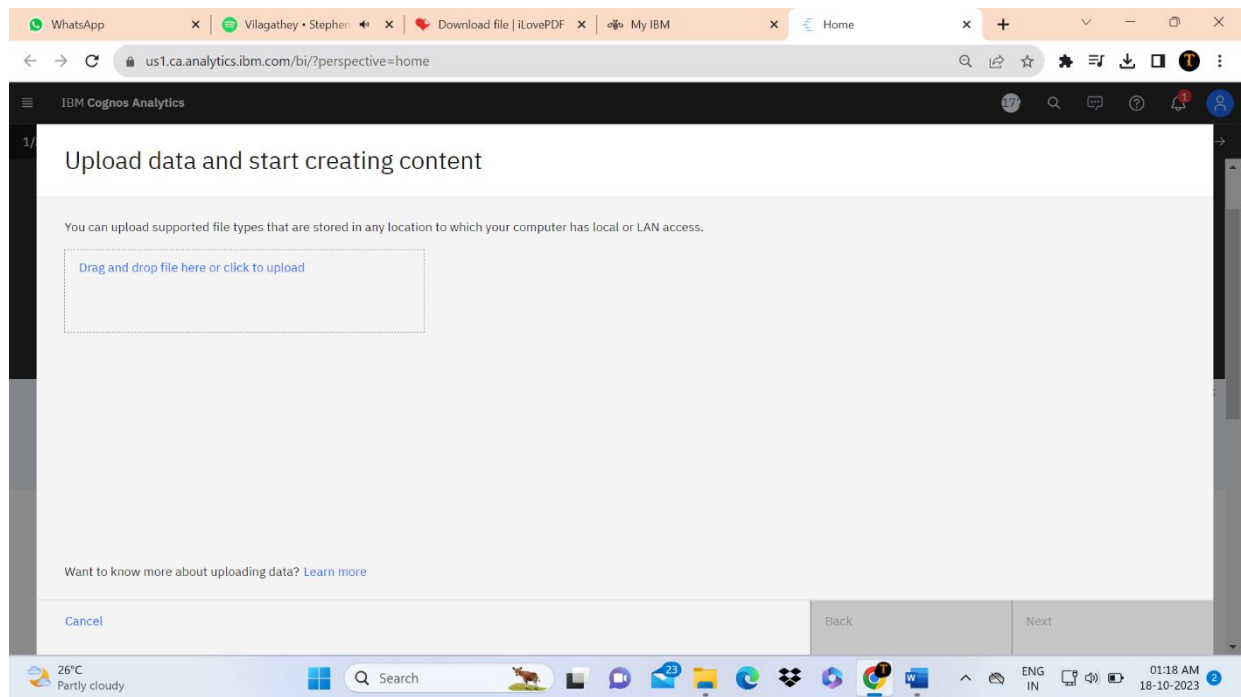
# DATA VISUALIZATION ON SUPERMARKET SALE ANALYSIS

NAME: TAMIZHARASAN.K

NM ID: au611220104161

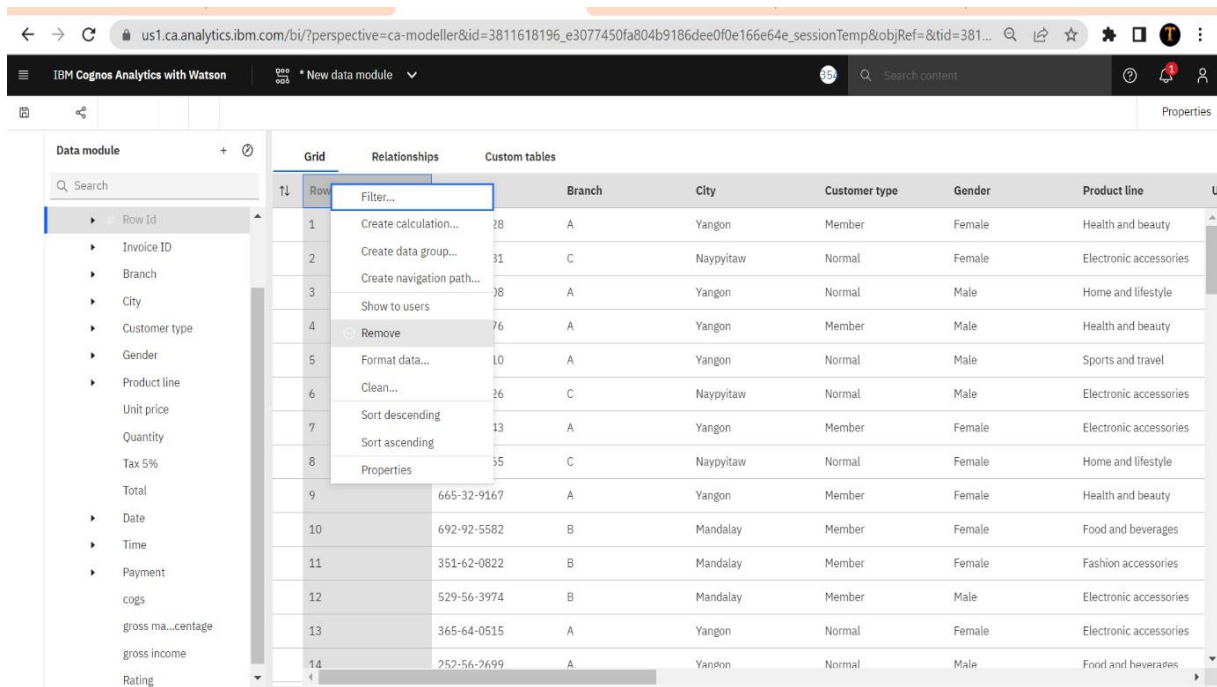
## UPLOADING THE DATA:





Login to the ibm cognos analytics and upload the data.

## Preparing the data:

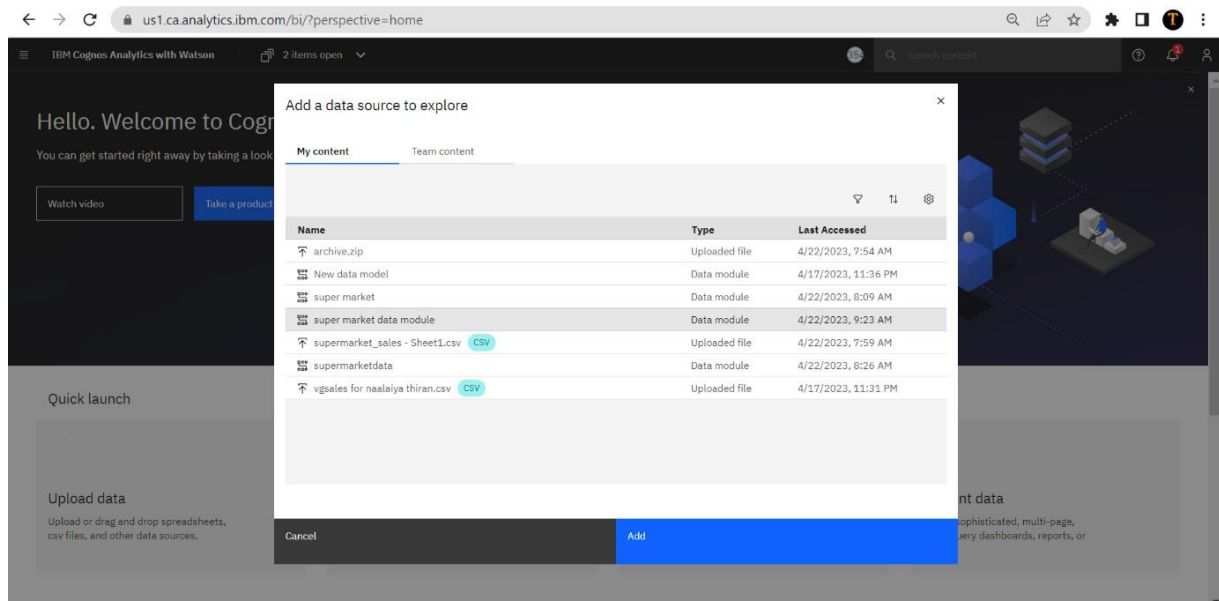


The screenshot shows the IBM Cognos Analytics web interface. On the left is a 'Data module' pane with a search bar and a list of fields: Row Id, Invoice ID, Branch, City, Customer type, Gender, Product line, Unit price, Quantity, Tax 5%, Total, Date, Time, Payment, cogs, gross ma...centage, gross income, and Rating. The main area displays a data grid with columns: Row Id, Branch, City, Customer type, Gender, and Product line. A context menu is open over the 'Row Id' column, showing options: Filter..., Create calculation..., Create data group..., Create navigation path..., Show to users, Remove (highlighted), Format data..., Clean..., Sort descending, Sort ascending, and Properties. The grid contains 14 rows of data.

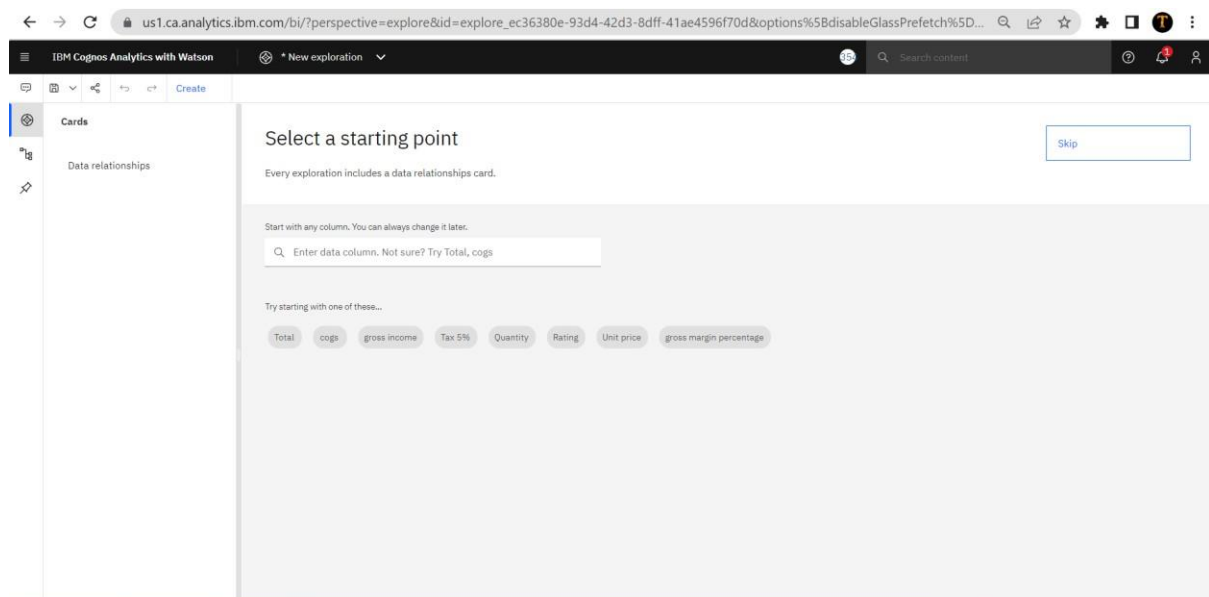
Row Id	Branch	City	Customer type	Gender	Product line
1	A	Yangon	Member	Female	Health and beauty
2	C	Naypyitaw	Normal	Female	Electronic accessories
3	A	Yangon	Normal	Male	Home and lifestyle
4	A	Yangon	Member	Male	Health and beauty
5	A	Yangon	Normal	Male	Sports and travel
6	C	Naypyitaw	Normal	Male	Electronic 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
14	A	Yangon	Normal	Male	Food and beverages

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

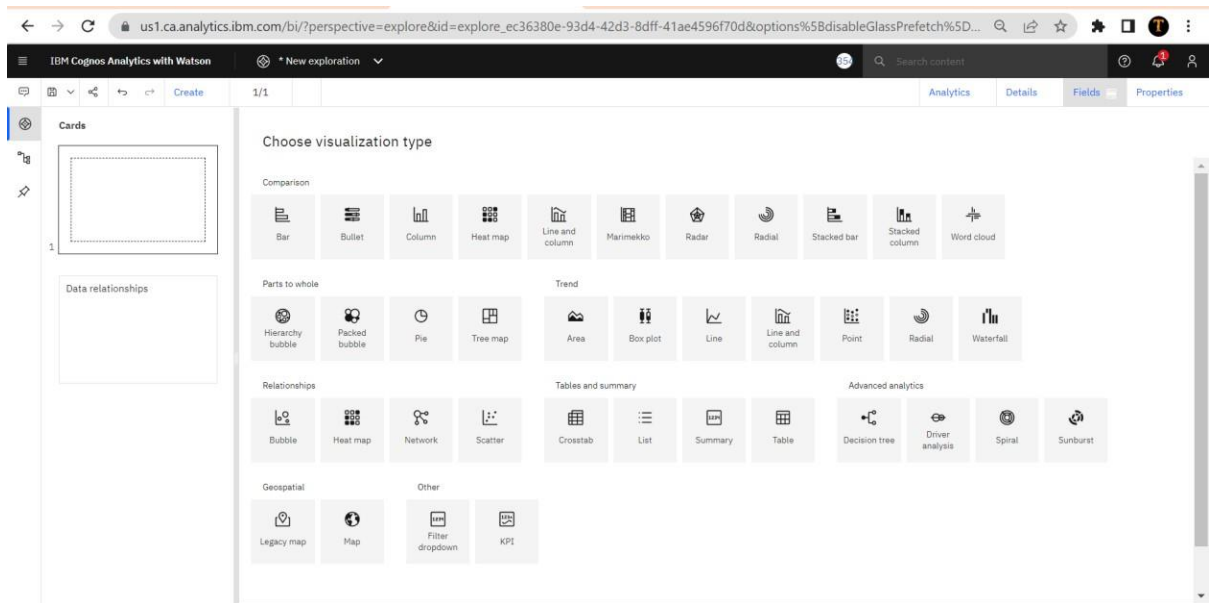
## Exploring the data:



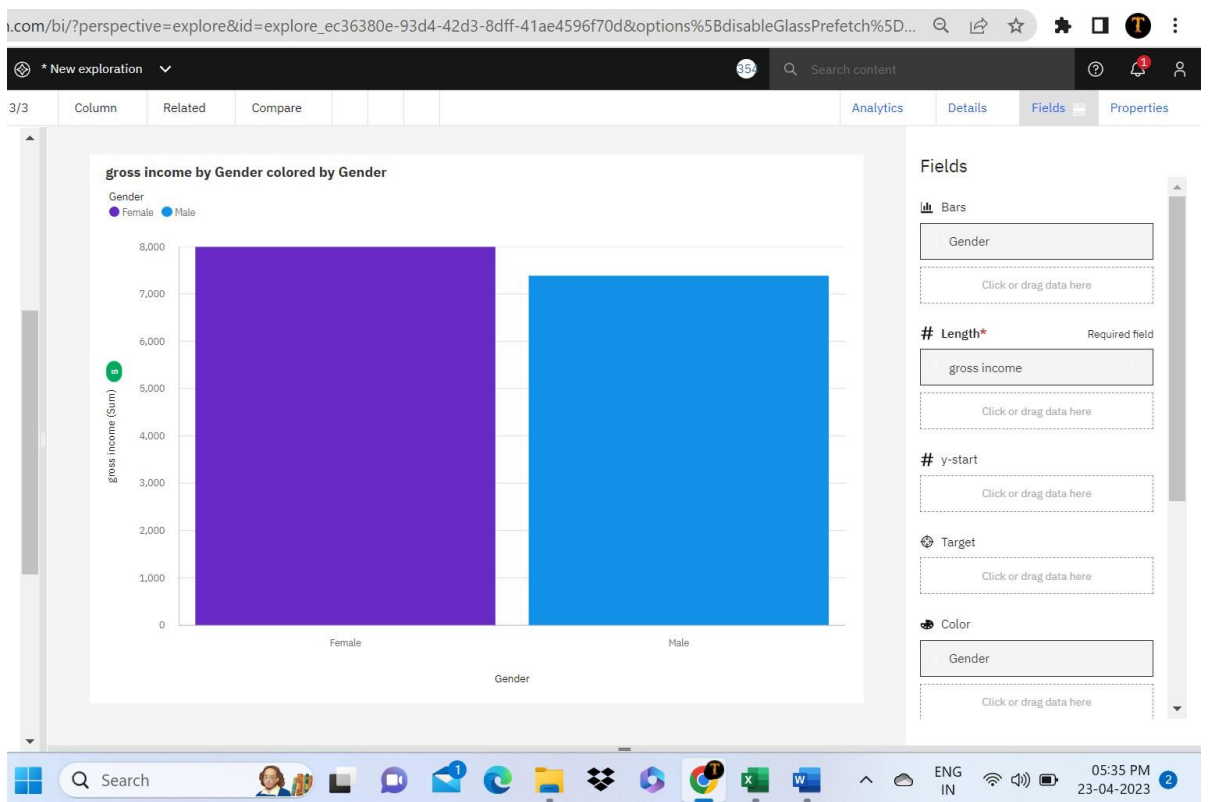
## Add the data module for the exploration.



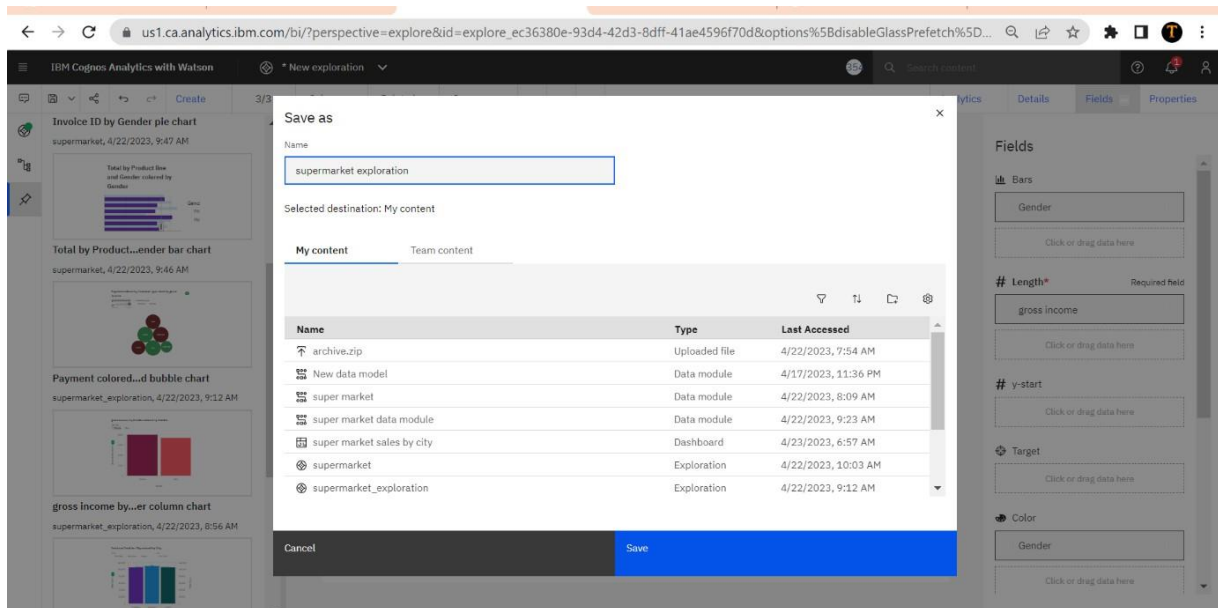
Click on create icon and choose the exploration style which we want.



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

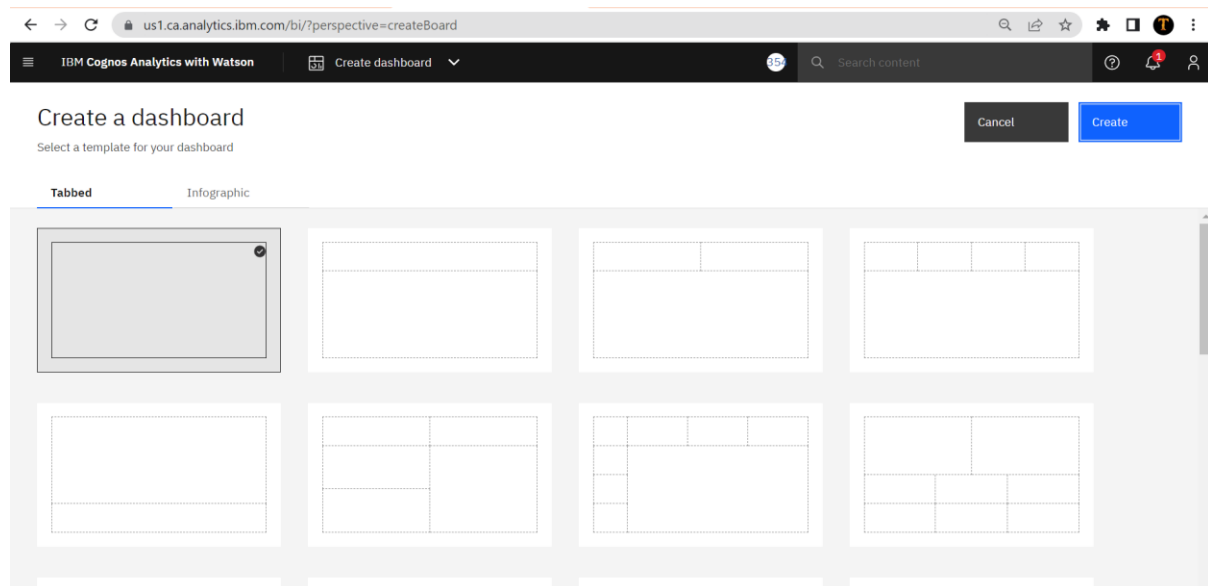


After that we have to add the necessary attributes.

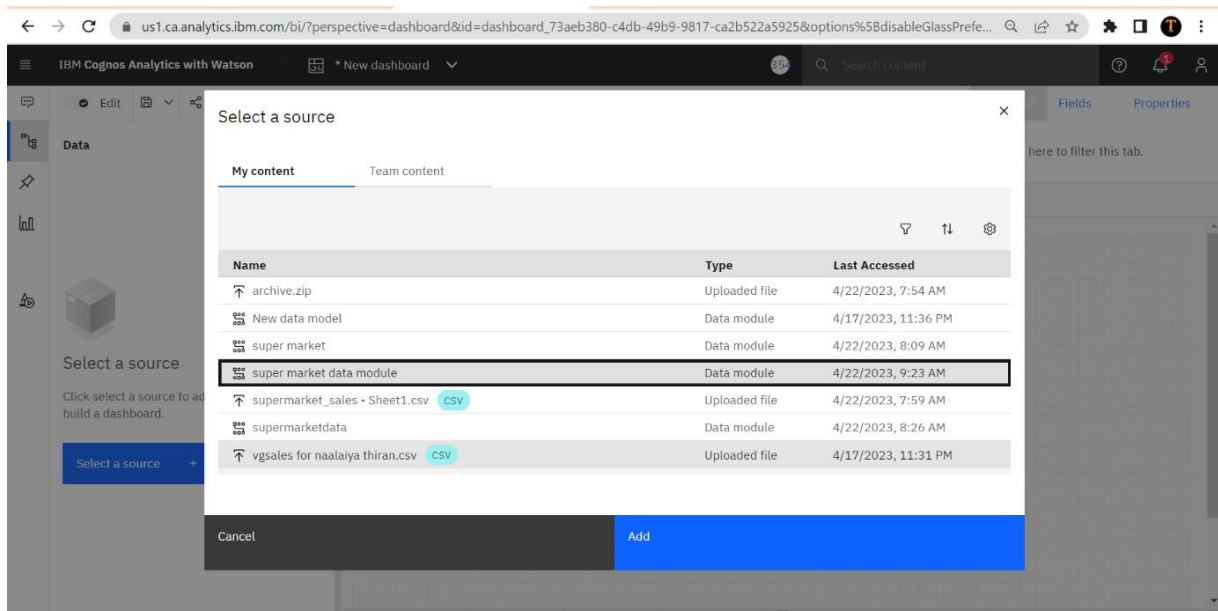


After exploring the data we need to save the data in a required name.

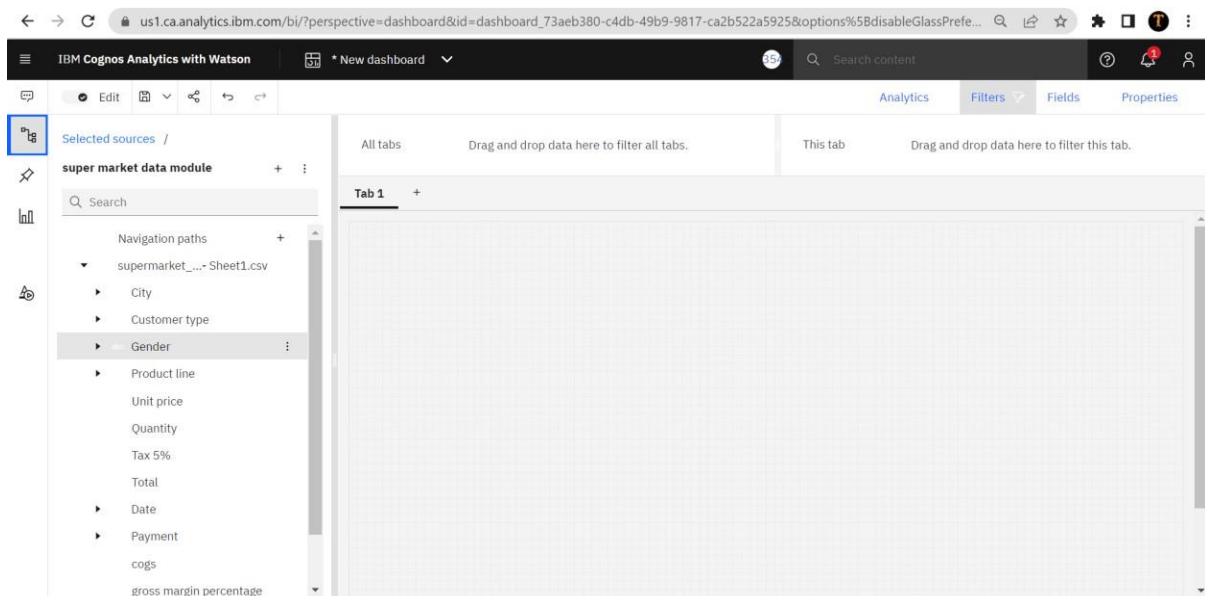
Presenting the data:



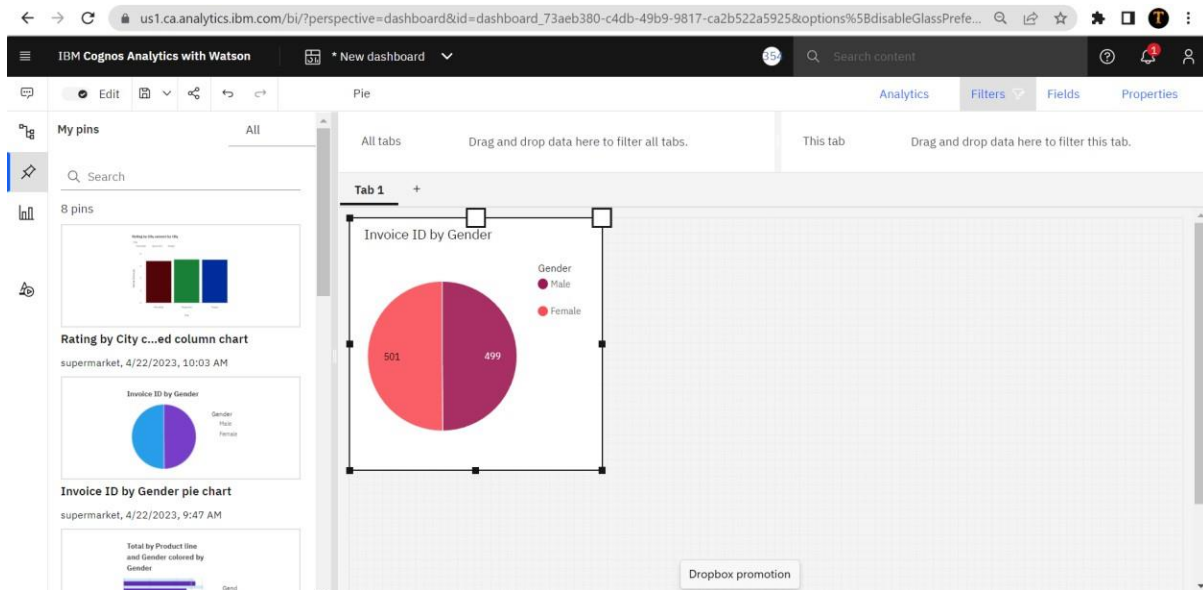
Choose the dashboard what we need and create.



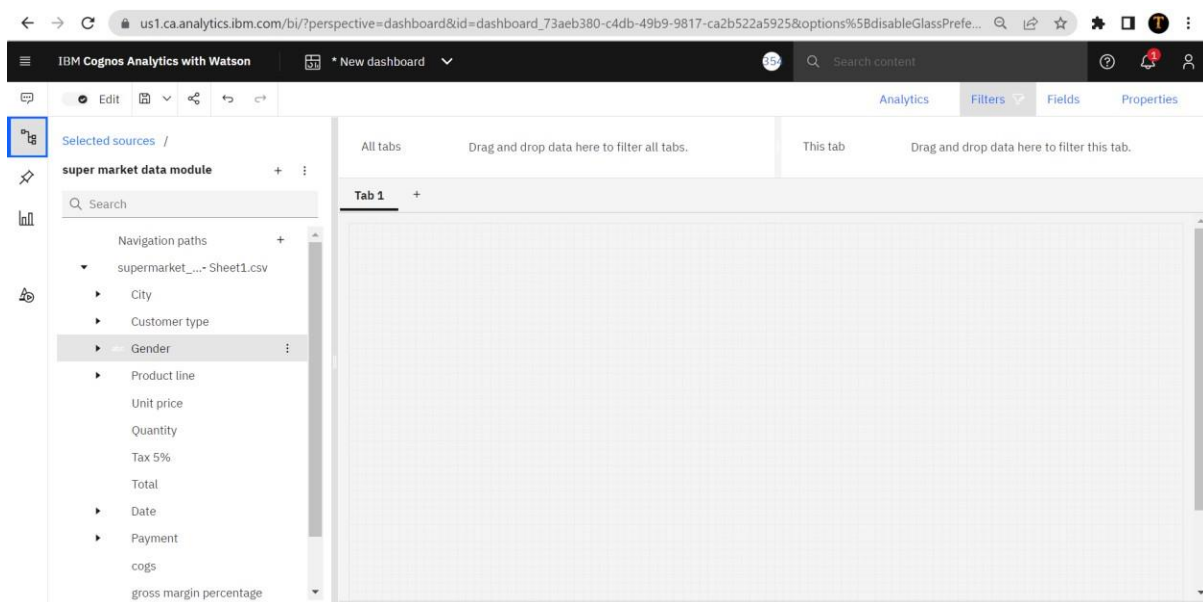
Add the file to the dashboard.



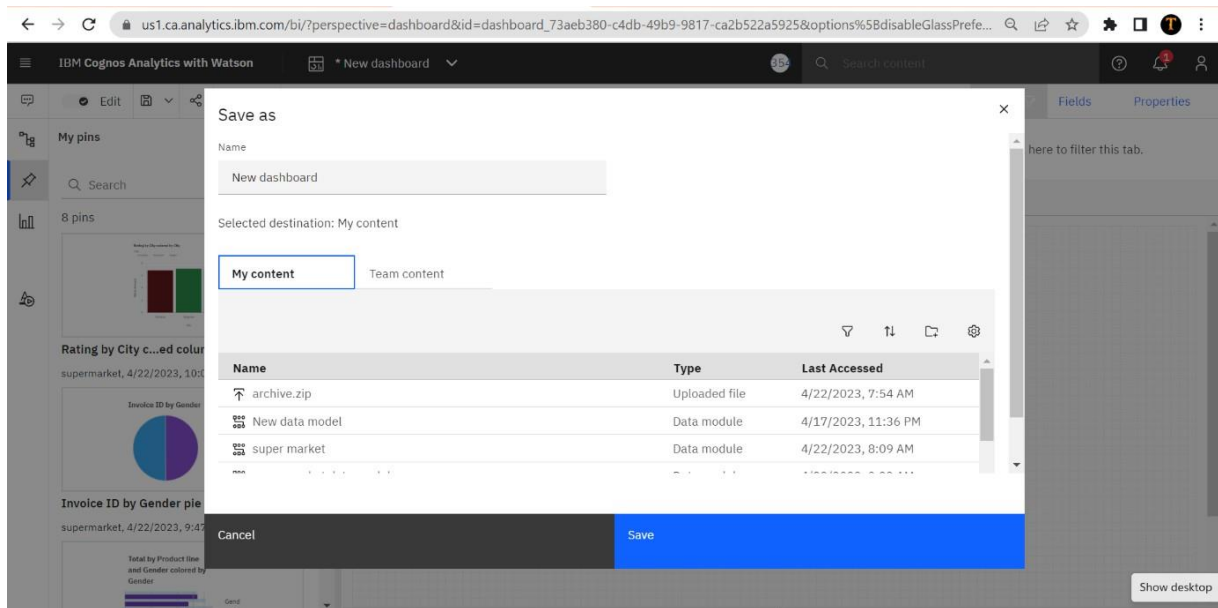
Create the tab for preparing the data.



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.

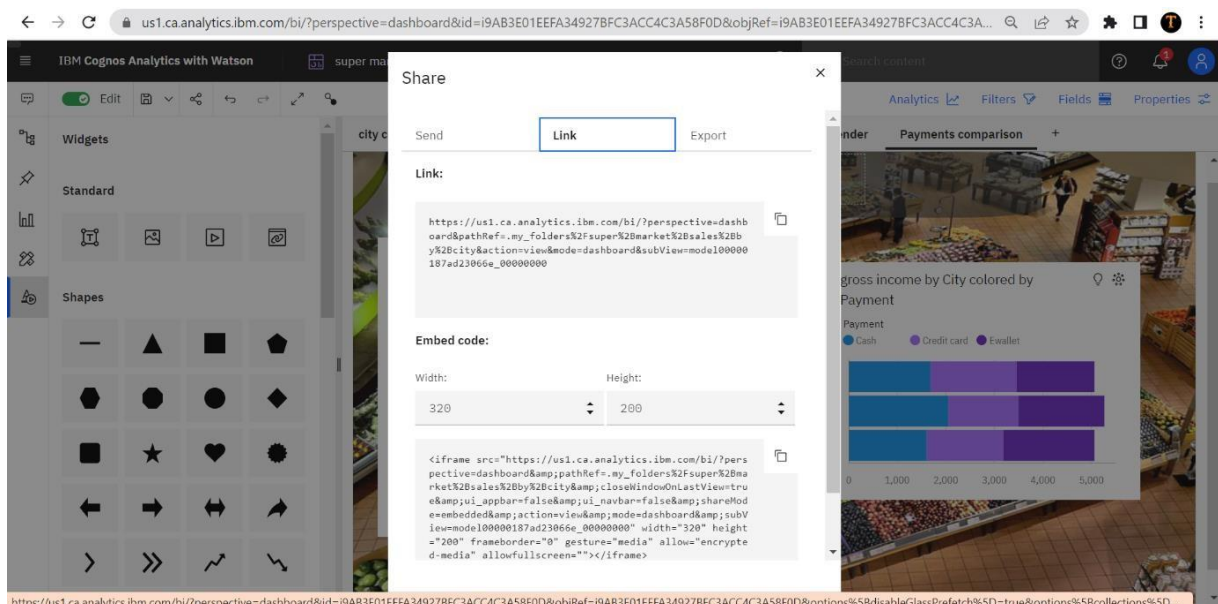






After complete visualization on tabs save all the tabs.

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:

