

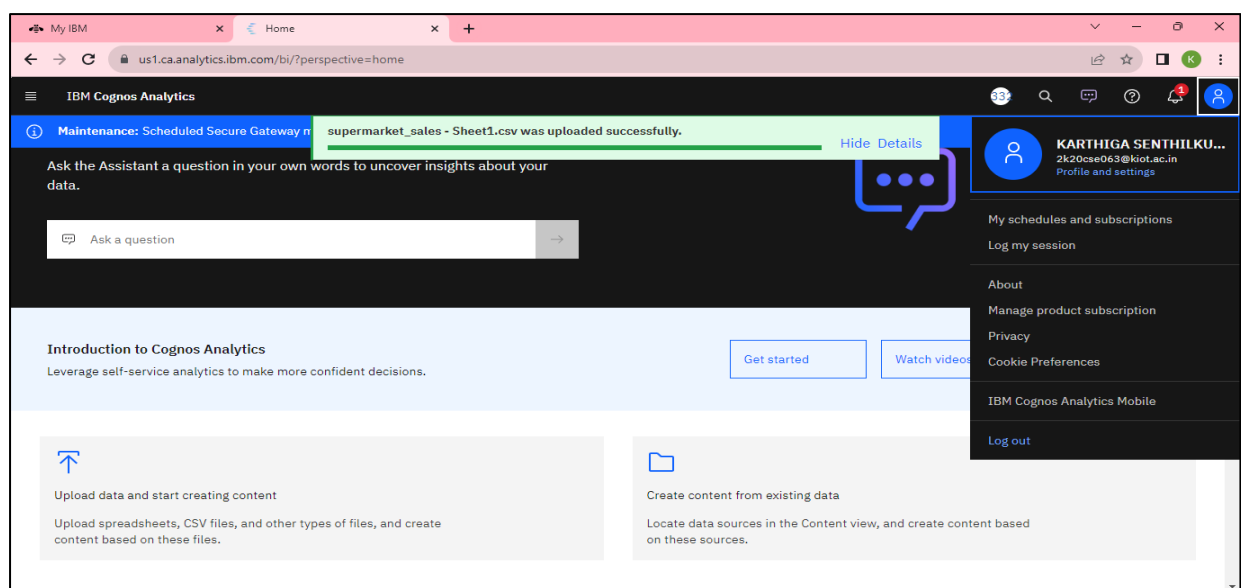
SUPER MARKET SALES ANALYSIS VISUALIZATION

IBM ID: 2K20cse063@kiot.ac.in

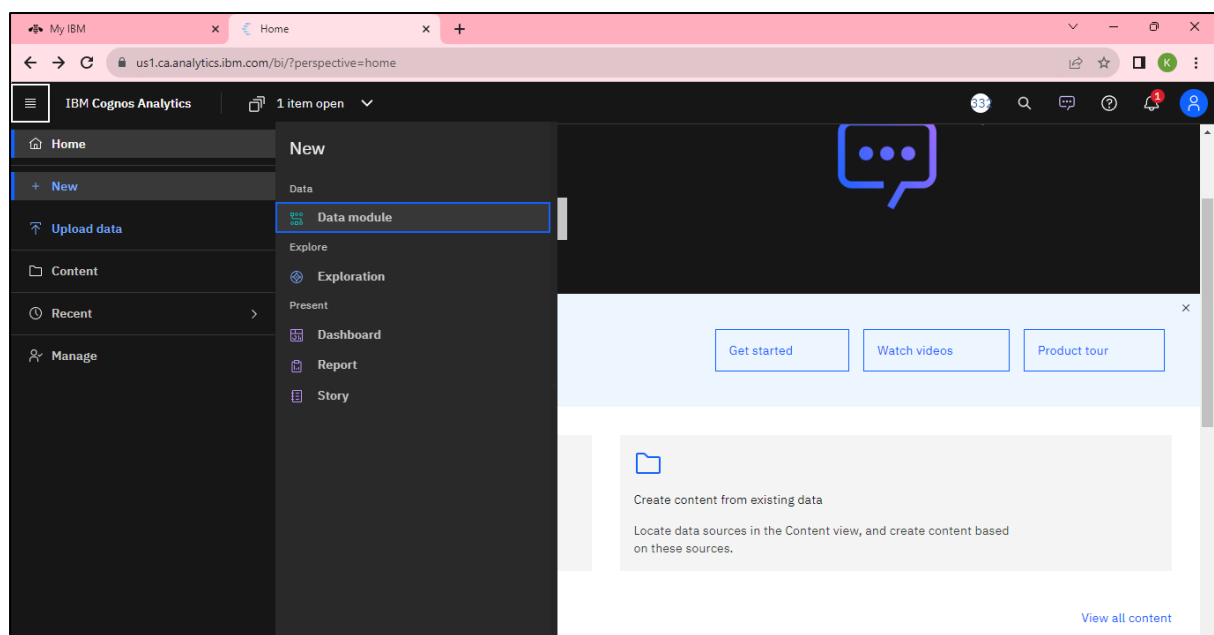
NAME: KARTHIGA S

TASK 1: Upload the dataset, delete unnecessary column and create data module.

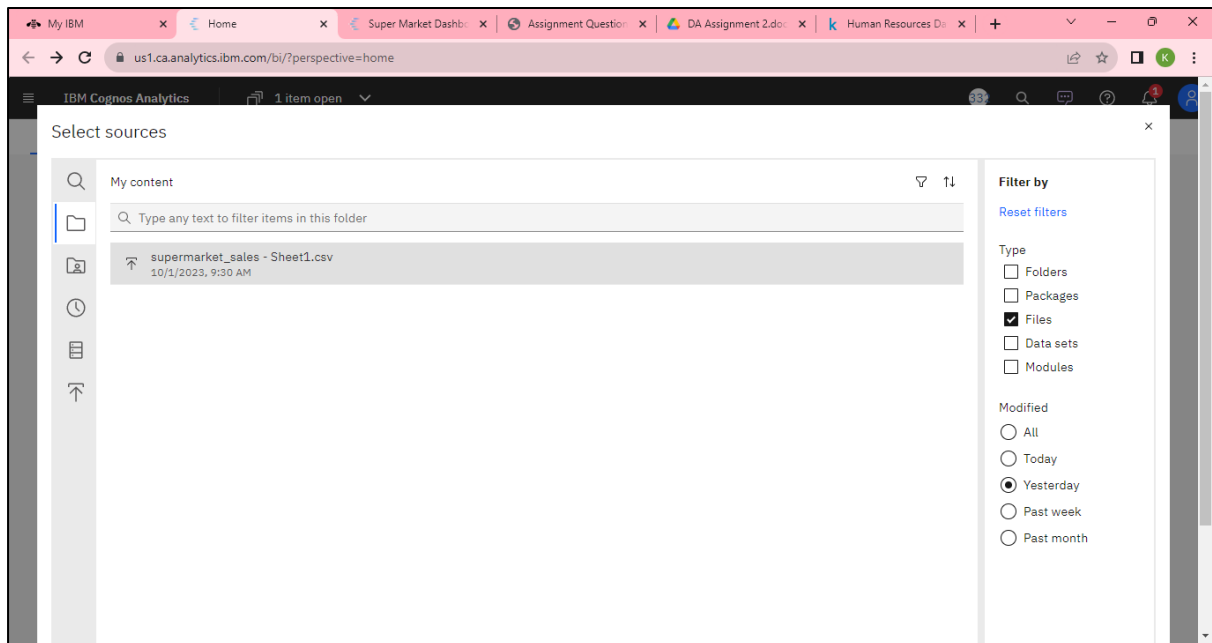
Step 1: Upload the Data(CSV file) in the Cognos



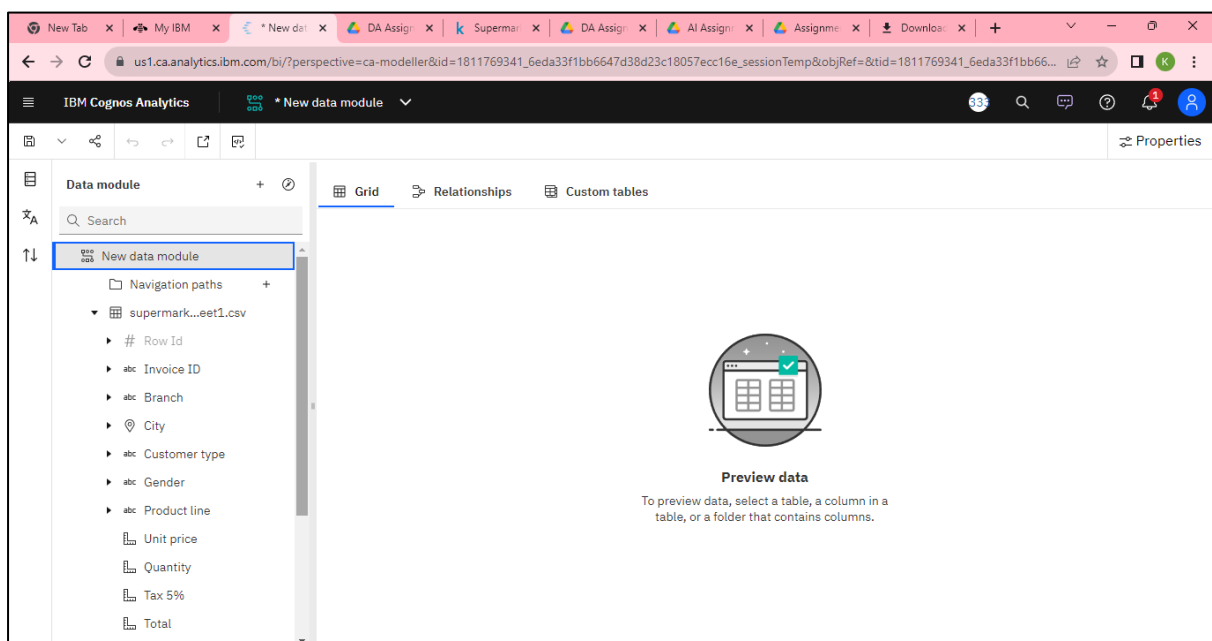
Step 2: Create Data Module.



Step 3 : Select the source CSV file.



Step 4 : After uploading, grid displays the table value of the CSV file.



IBM Cognos Analytics

Data module

Grid

Row Id	Invoice ID	Branch	City	Customer type	Gender
1	750-67-8428	A	Yangon	Member	Female
2	226-31-3081	C	Naypyitaw	Normal	Female
3	631-41-3108	A	Yangon	Normal	Male
4	123-19-1176	A	Yangon	Member	Male
5	373-73-7910	A	Yangon	Normal	Male
6	699-14-3026	C	Naypyitaw	Normal	Male
7	355-53-5943	A	Yangon	Member	Female
8	315-22-5665	C	Naypyitaw	Normal	Female
9	665-32-9167	A	Yangon	Member	Female
10	692-92-5582	B	Mandalay	Member	Female
11	351-62-0822	B	Mandalay	Member	Female

AFTER DELETING THE UNNECESSARY COLUMNS:

IBM Cognos Analytics

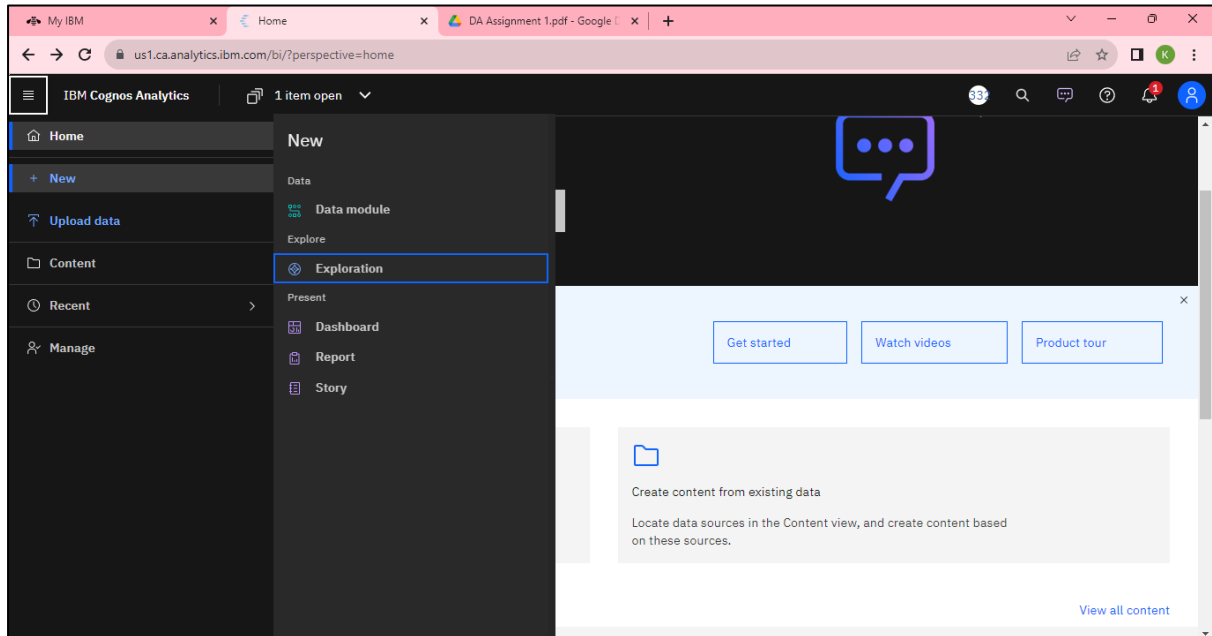
Data module

Grid

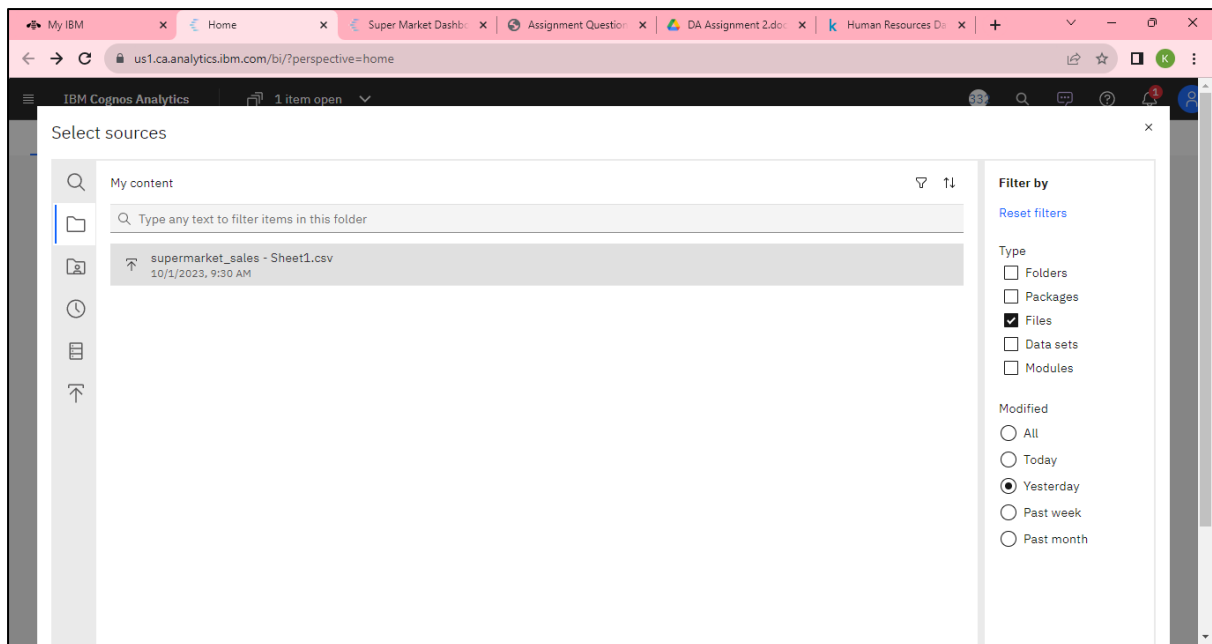
Invoice ID	Branch	City	Customer type	Gender	Product line
750-67-8428	A	Yangon	Member	Female	Health and beauty
226-31-3081	C	Naypyitaw	Normal	Female	Electronic accessories
631-41-3108	A	Yangon	Normal	Male	Home and lifestyle
123-19-1176	A	Yangon	Member	Male	Health and beauty
373-73-7910	A	Yangon	Normal	Male	Sports and travel
699-14-3026	C	Naypyitaw	Normal	Male	Electronic accessories
355-53-5943	A	Yangon	Member	Female	Electronic accessories
315-22-5665	C	Naypyitaw	Normal	Female	Home and lifestyle
665-32-9167	A	Yangon	Member	Female	Health and beauty
692-92-5582	B	Mandalay	Member	Female	Food and beverage
351-62-0822	B	Mandalay	Member	Female	Fashion accessories

TASK 2: Explore the dataset.

Step 1: Select the Exploration.



Step 2: Select the dataset to explore.



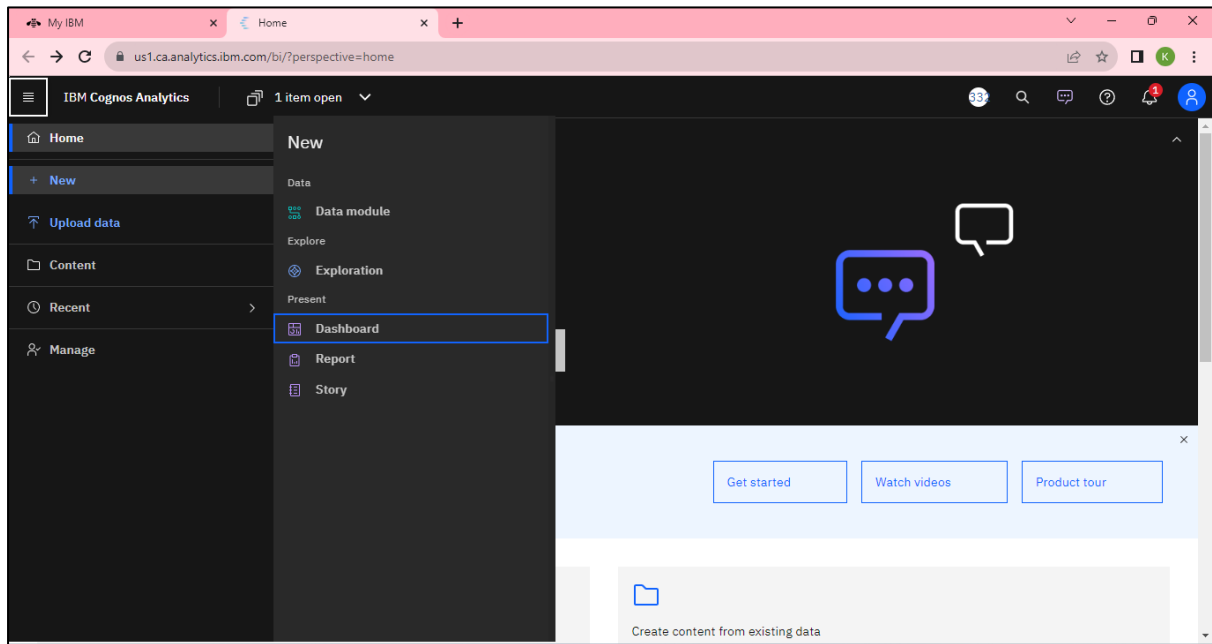
Step 3: Explore the dataset.

The screenshot shows the IBM Cognos Analytics interface. The browser address bar displays a URL starting with 'us1.ca.analytics.ibm.com'. The page title is 'IBM Cognos Analytics' and the subtitle is '* New exploration'. On the left, there is a 'Cards' sidebar with a 'Data relationships' card. The main area is titled 'Select a starting point' with a 'Skip' button. Below the title, it says 'Every exploration includes a data relationships card.' and 'Start with any column. You can always change it later.' There is a search bar with the text 'Enter data column. Not sure? Try Total, cogs'. Below the search bar, there is a section 'Try starting with one of these...' with several buttons: 'Total', 'cogs', 'gross income', 'Tax 5%', 'Quantity', 'Rating', 'Unit price', and 'gross margin percentage'.

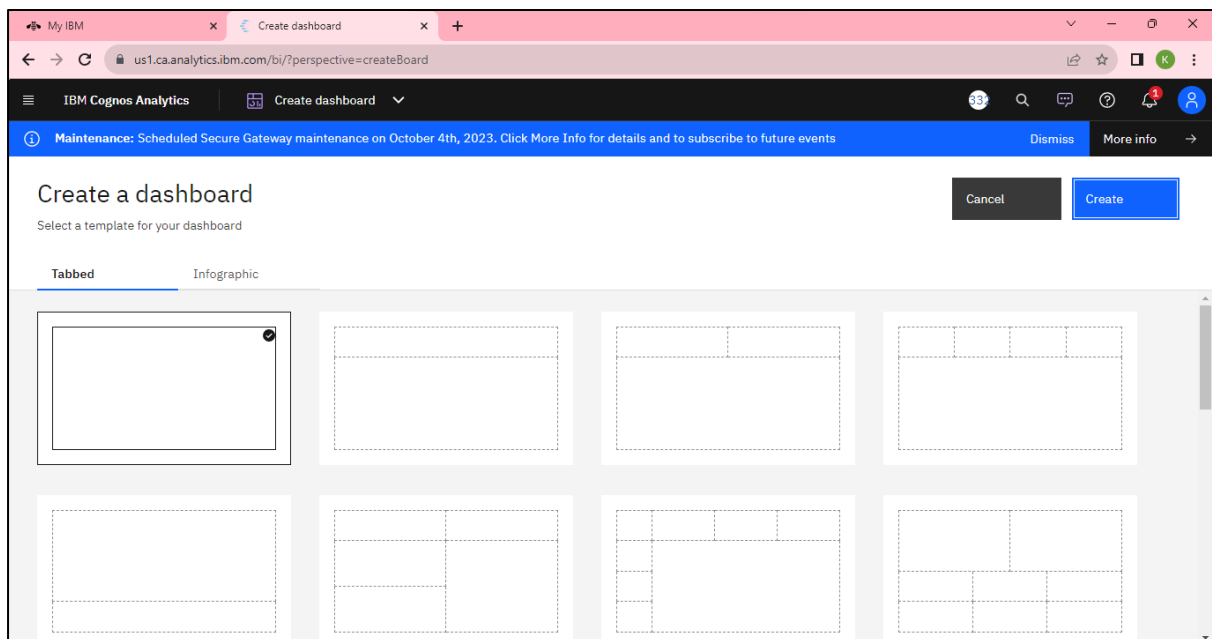
The screenshot shows the IBM Cognos Analytics dashboard. The browser address bar displays a URL starting with 'us1.ca.analytics.ibm.com'. The page title is 'IBM Cognos Analytics' and the subtitle is '* New exploration'. The dashboard features several charts: 'Unit price by Pro... line point chart', 'Tax 5% by Payme... radial bar chart', and 'Tax 5% by Quant... d column chart'. The main chart is a donut chart titled 'Tax 5% by Payment colored by Unit price' showing '99% Credit card'. A 'Details' panel on the right provides summary information: 'The overall number of results for Unit price is a thousand.', 'Over all payments, the average of Tax 5% is 15.38.', 'The average values of Tax 5% range from 15.18, occurring when Payment is Ewallet, to 15.53, when Payment is Cash.', and 'Ewallet (34.5 %) and Cash (34.4 %) are the most frequently occurring categories of Payment with a combined count of 689 items with Tax 5% values (68.9 % of the total).'

TASK 3: Visualize the Data Set.

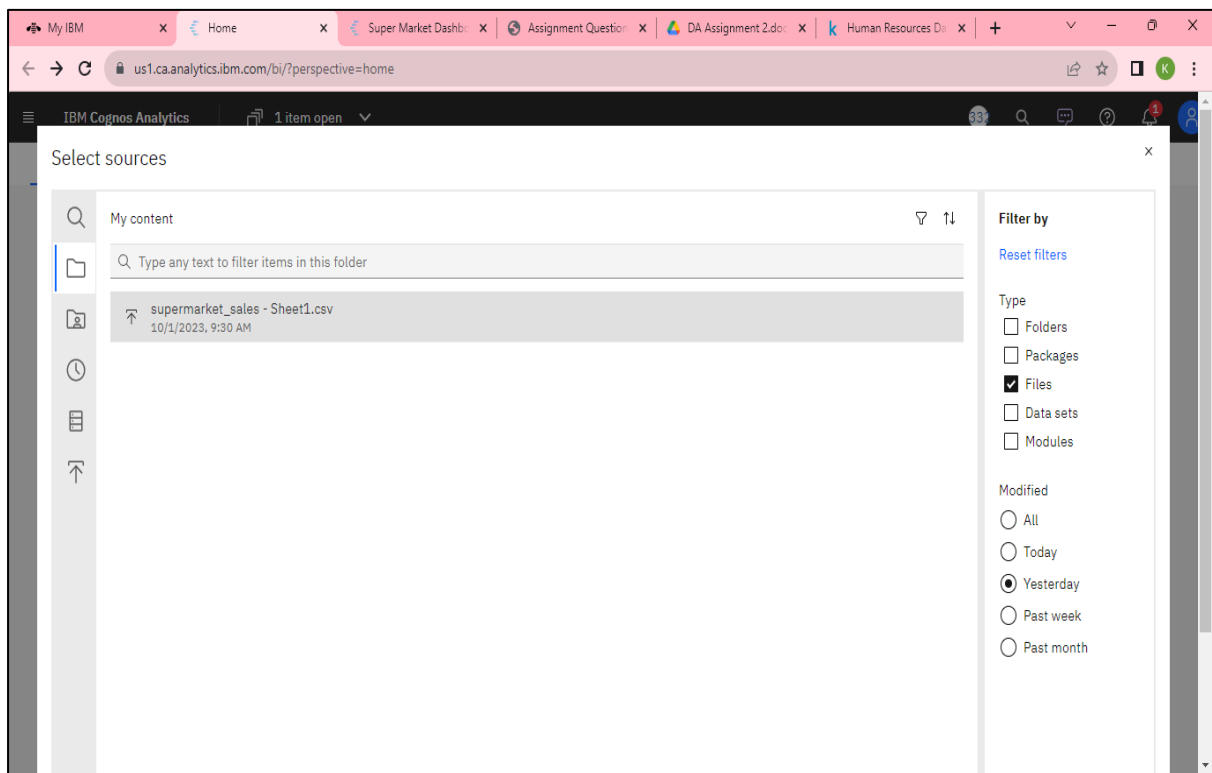
Step 1: Create the Dash Board.



Step 2: Create Template for the Dash Board.



Step 3: Select source file.



Step 4: Create Visualization Charts And Save it. Present the Data Sets.

