

SUPER MARKET SALES ANALYSIS VISUALIZATION

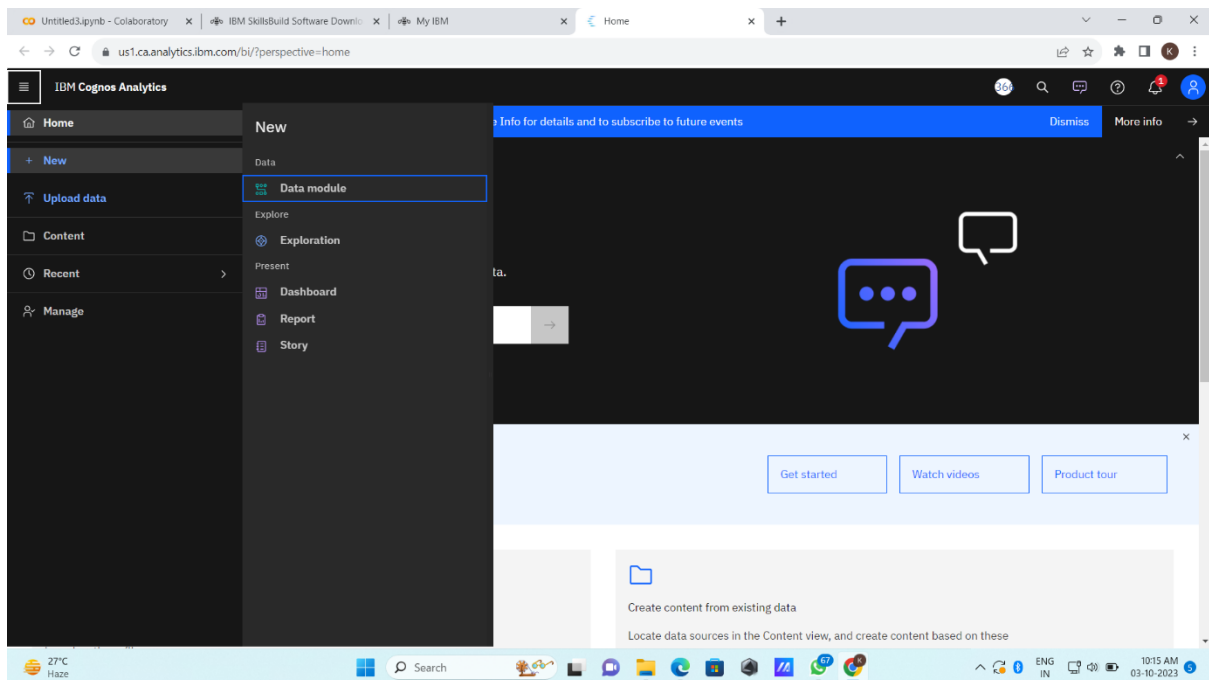
NAME: NISHANTHINI L

TASK 1: Upload the Dataset to Cognos, Delete Unnecessary Columns, Create a Data Module:

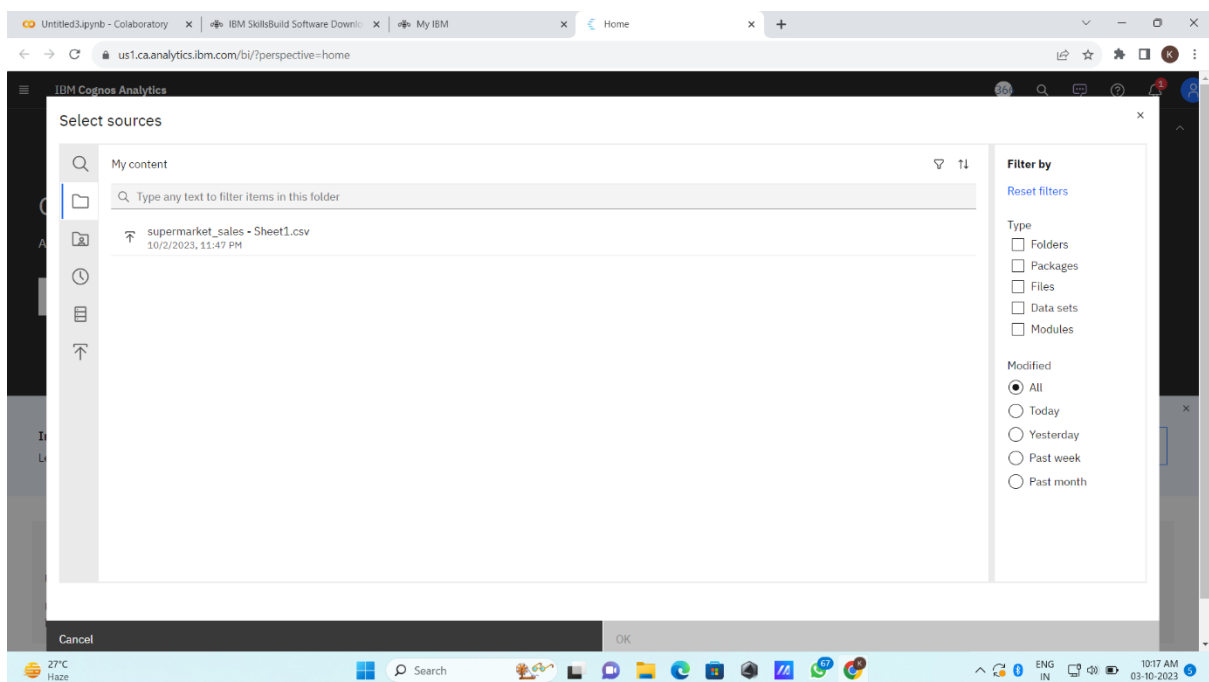
Step 1: Upload the CSV File:

The screenshot displays the IBM Cognos Analytics web application interface. The browser tabs at the top include 'Untitled3.ipynb - Colaboratory', 'IBM SkillsBuild Software Downlo...', 'My IBM', and 'Home'. The address bar shows the URL 'us1.ca.analytics.ibm.com/bi/?perspective=home'. The application header features a maintenance notice: 'Maintenance: Scheduled Secure Gateway maintenance on October 4th, 2023. Click More Info for details and to subscribe to future events'. Below the header is a search bar with the placeholder text 'Ask a question'. The main content area is divided into two sections: 'Introduction to Cognos Analytics' with buttons for 'Get started', 'Watch videos', and 'Product tour'; and 'Upload data and start creating content' with a description: 'Upload spreadsheets, CSV files, and other types of files, and create content based on these files.' A tooltip提示 'Click Watch video or Product tour to access new and updated learning resources.' is visible. The 'Recent' tab is selected, showing a list of recent uploads. The bottom of the screen shows a Windows taskbar with the date and time '10:03 AM 03-10-2023'. The second screenshot shows the 'Upload data and start creating content' screen in more detail. It includes a text box for 'Drag and drop file here or click to upload' and a file named 'supermarket_sales - Sheet1.csv' that has been uploaded. A 'Cancel' button is at the bottom left, and 'Back' and 'Next' buttons are at the bottom right. A tooltip提示 'Click Watch video or Product tour to access new and updated learning resources.' is also present.

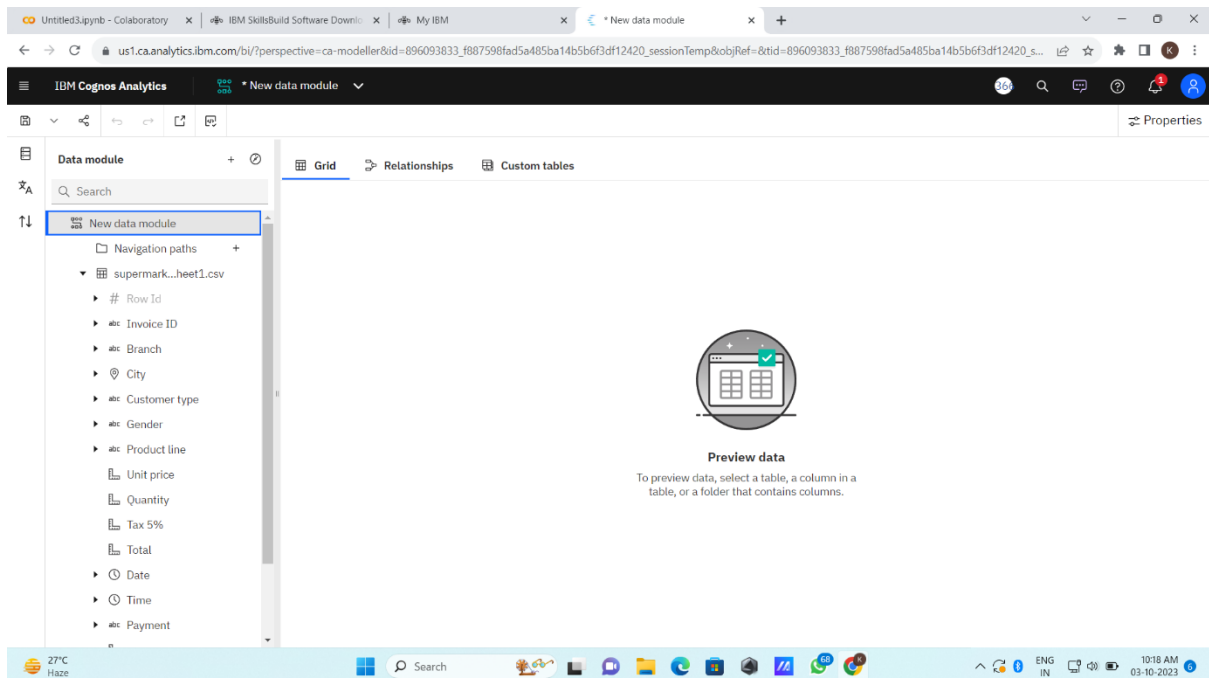
Step 2: Create Data Module.



Step 3: Select the CSV file.



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

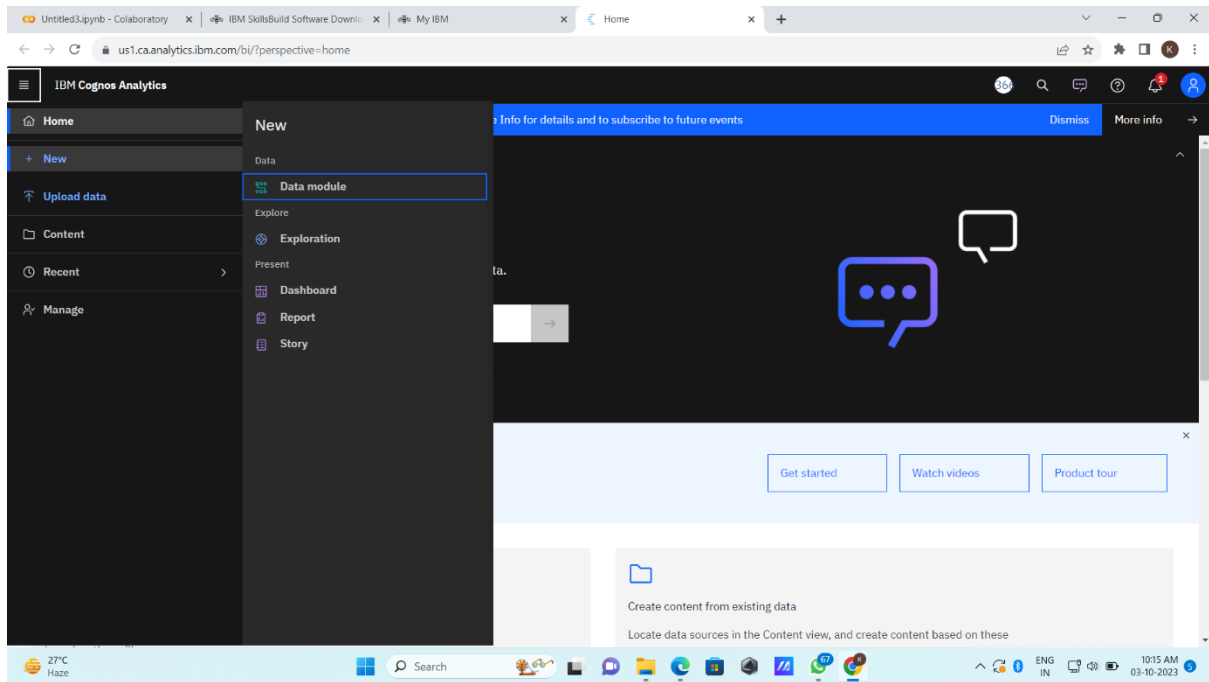


The screenshot shows the IBM Cognos Analytics interface with a data grid. The left sidebar is titled 'Data module' and contains a search bar and a list of navigation paths. The main area displays a data grid with columns: Row Id, Invoice ID, Branch, City, Customer type, Gender, and Product line. A context menu is open over the 'City' column, showing options: Filter..., Create data group..., Create navigation path..., Split..., Hide from users, Remove, Format data..., Clean..., Sort descending, Sort ascending, and Properties.

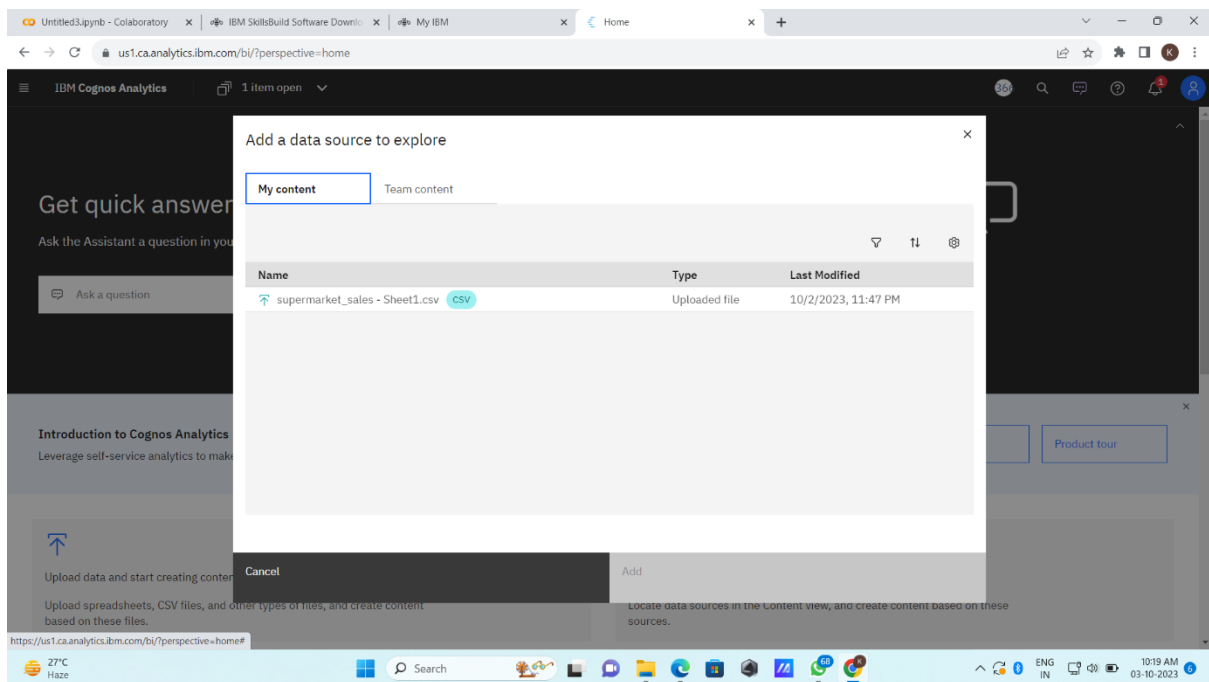
Row Id	Invoice ID	Branch	City	Customer type	Gender	Product line
1	750-67-8428	A		Member	Female	Health and beau
2	226-31-3081	C		Normal	Female	Electronic acces
3	631-41-3108	A		Normal	Male	Home and lifest
4	123-19-1176	A		Member	Male	Health and beau
5	373-73-7910	A		Normal	Male	Sports and trav
6	699-14-3026	C		Normal	Male	Electronic acces
7	355-53-5943	A		Member	Female	Electronic acces
8	315-22-5665	C		Normal	Female	Home and lifest
9	665-32-9167	A		Member	Female	Health and beau
10	692-92-5582	B	Mandalay	Member	Female	Food and bevera
11	351-62-0822	B	Mandalay	Member	Female	Fashion accessc
12	529-56-3974	B	Mandalay	Member	Male	Electronic acces
13	365-64-0515	A	Yangon	Normal	Female	Electronic acces

Task 2: Select the dataset to explore

Step 1: Select the exploration



Step 2: Select dataset to explore



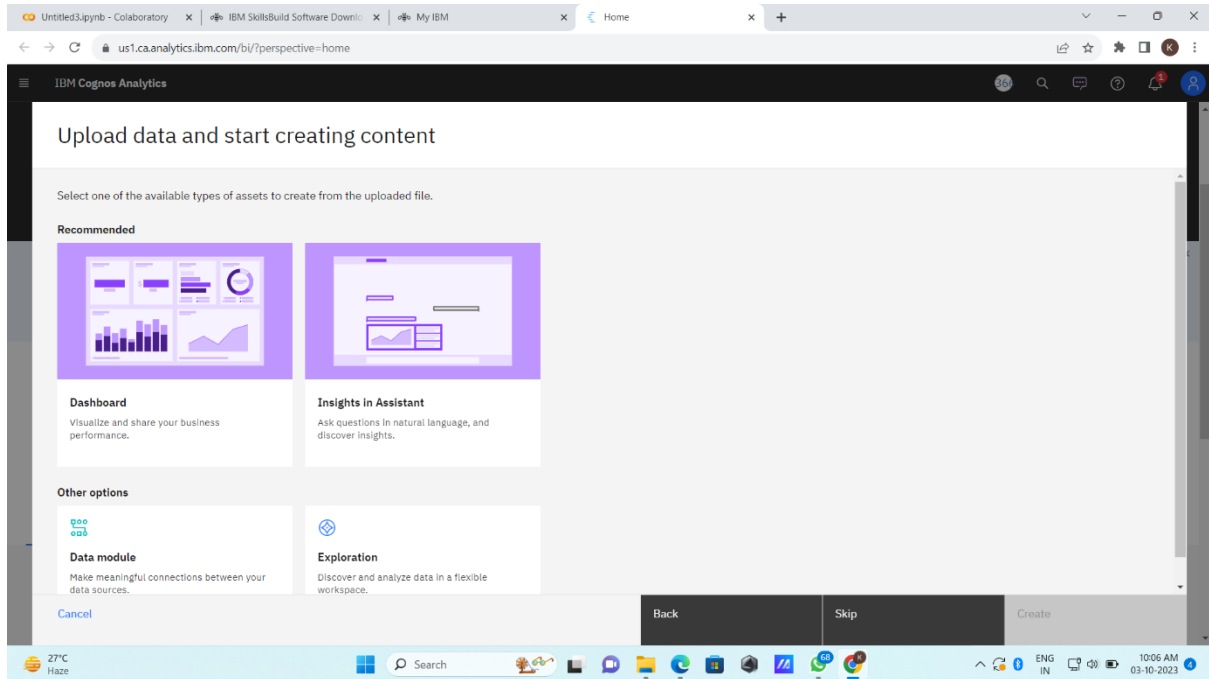
Step 3: Explore the dataset

The screenshot shows the IBM Cognos Analytics interface. The browser tabs include 'Untitled3.ipynb - Colaboratory', 'IBM SkillsBuild Software Downlo...', 'My IBM', and '* New exploration'. The address bar shows a URL from 'us1.ca.analytics.ibm.com'. The left sidebar has a 'Cards' section with a 'Data relationships' card. The main area is titled 'Select a starting point' with the subtitle 'Every exploration includes a data relationships card.' and a 'Skip' button. Below this, it says 'Start with any column. You can always change it later.' and provides a search bar with the text 'Enter data column. Not sure? Try Total, cogs'. A row of buttons offers suggestions: 'Total', 'cogs', 'gross income', 'Tax 5%', 'Quantity', 'Rating', 'Unit price', and 'gross margin percentage'. The bottom of the screen shows a Windows taskbar with a weather widget for 27°C Haze, a search bar, and various application icons, with the system clock showing 10:20 AM on 03-10-2023.

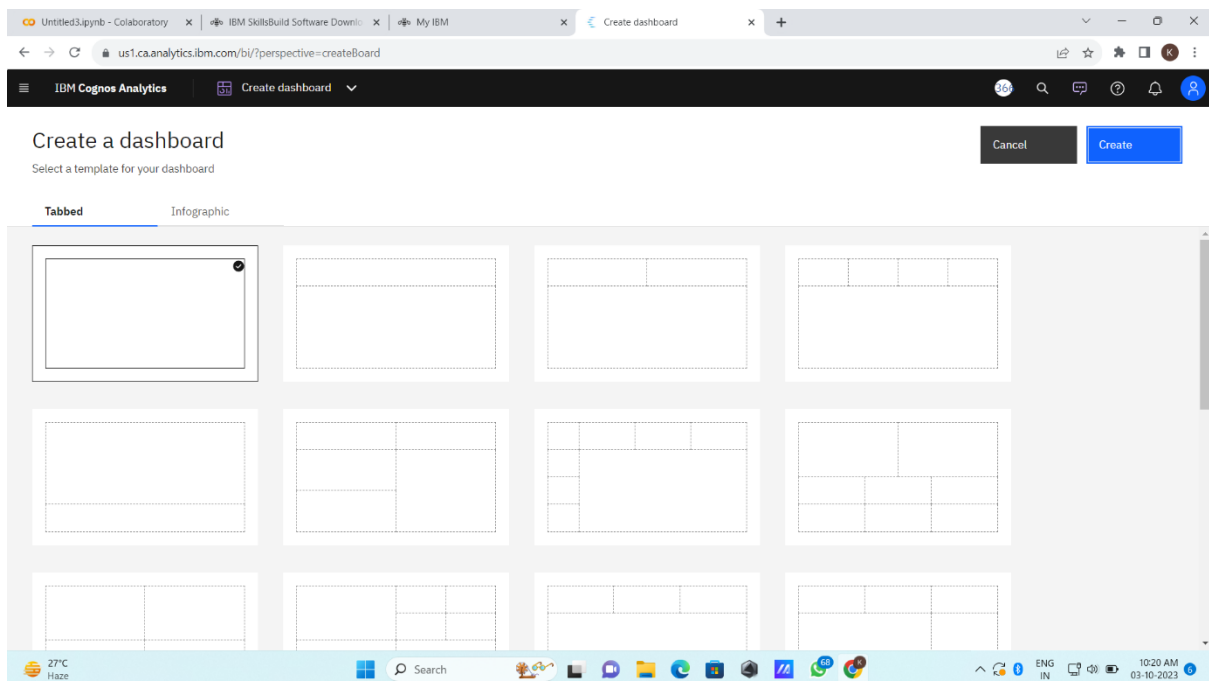
The screenshot shows the IBM Cognos Analytics interface at the 'Explore data relationships' stage. The browser tabs and address bar are the same as in the previous screenshot. The left sidebar still shows the 'Data relationships' card. The main area is titled 'Explore data relationships' with the subtitle 'supermarket_sales - Sheet1.csv' and a 'Reset to original' link. A search bar contains 'Total'. Below the search bar is a relationship diagram showing 'Total' at the center, connected to 'Quantity', 'Tax 5%', 'gross income', 'Unit price', and 'cogs'. A 'Relationship diagram' slider is at the bottom, set to 100%. On the right, the 'Select a visualization' panel shows 'Explore visualizations related to "Total"'. It displays a large number '323K' for 'Total' with an 'Add +' button. Below this, it shows a preview of a bar chart titled 'Total and Unit price by Date' with an 'Add +' button. The bottom of the screen shows the same Windows taskbar as the previous screenshot.

Task 3: Visualize the Data Set.

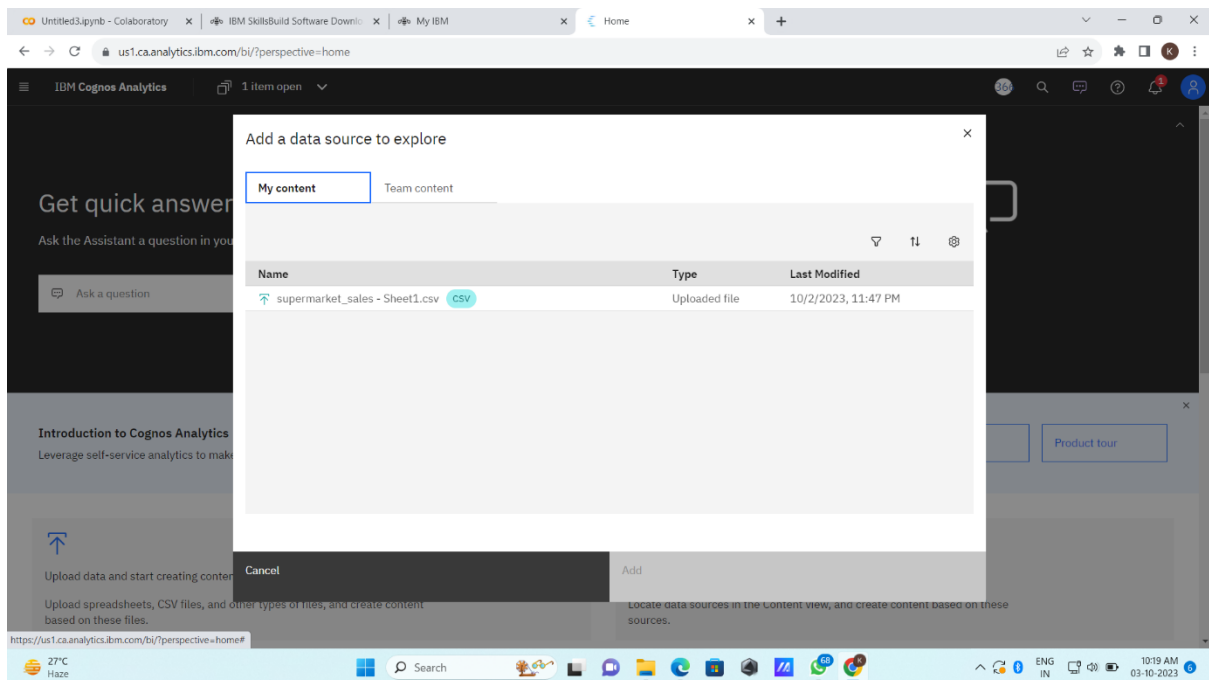
Step 1: Create the Dashboard.



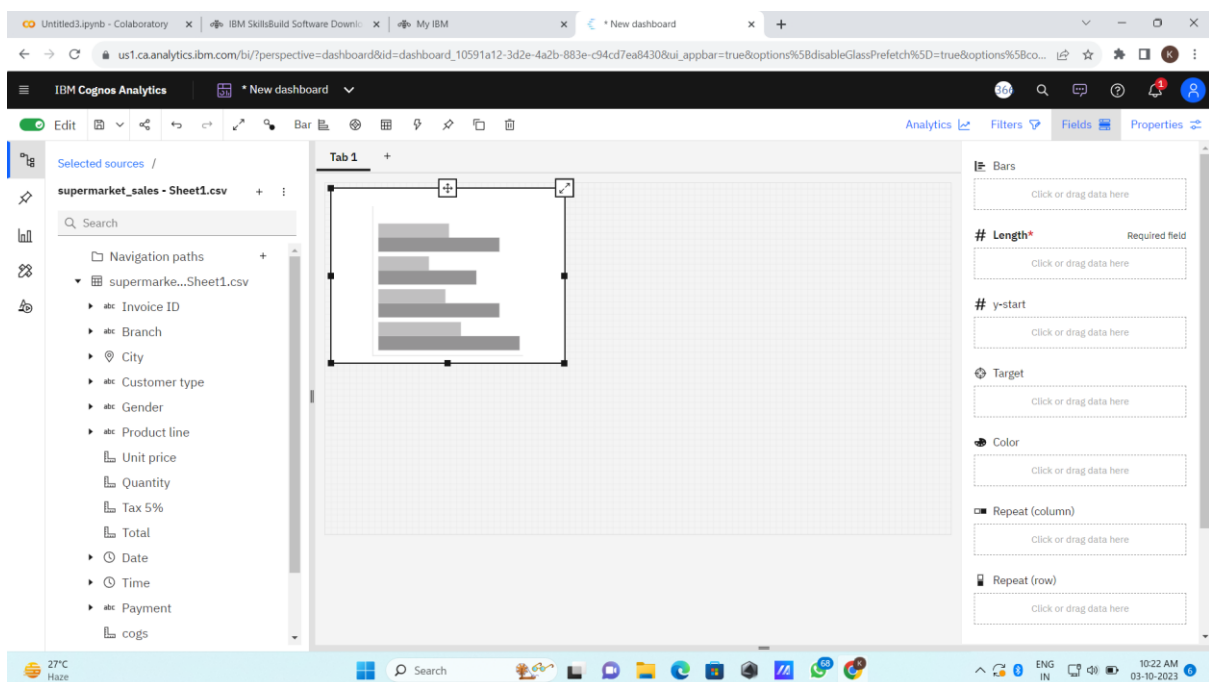
Step 2: Create Template for the Dashboard



Step 3: Select the source file.



Step 4: Select Visualization type (Bar Graph).



Step 5: Create Visualization charts and save it.

