

NM ASSESSMENT-1

Name : Nandhini Devi.E

College : Pollachi Institute of Engineering and Technology

IBMid : nandhinidevi848952@gmail.com

Group-3 : Data Analytics

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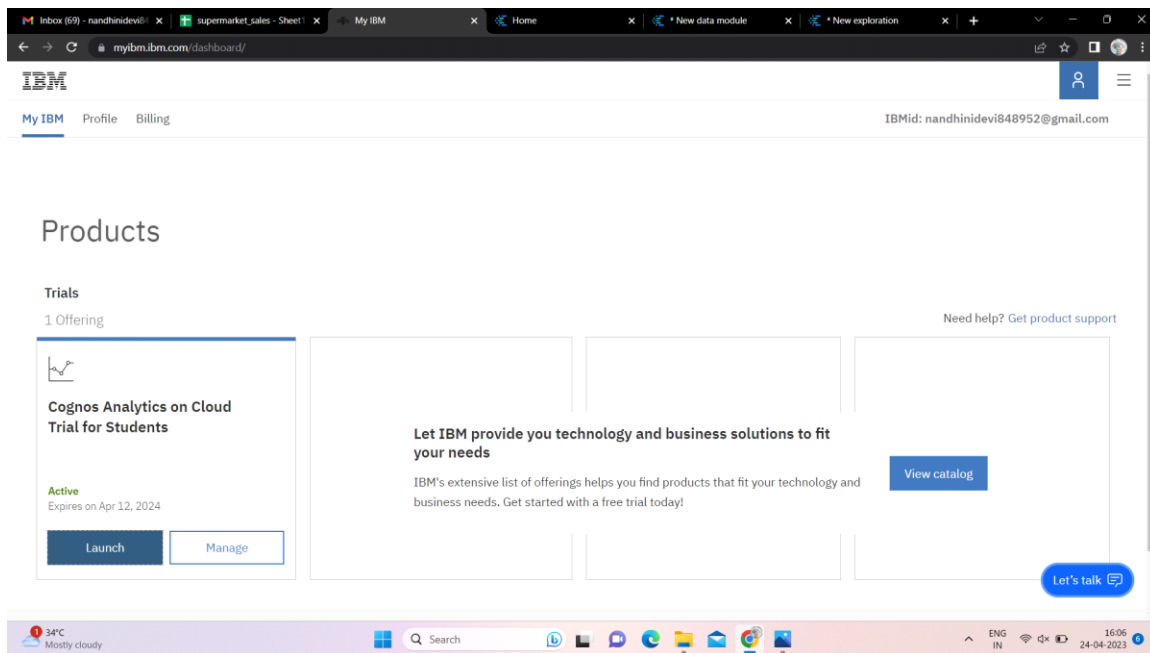
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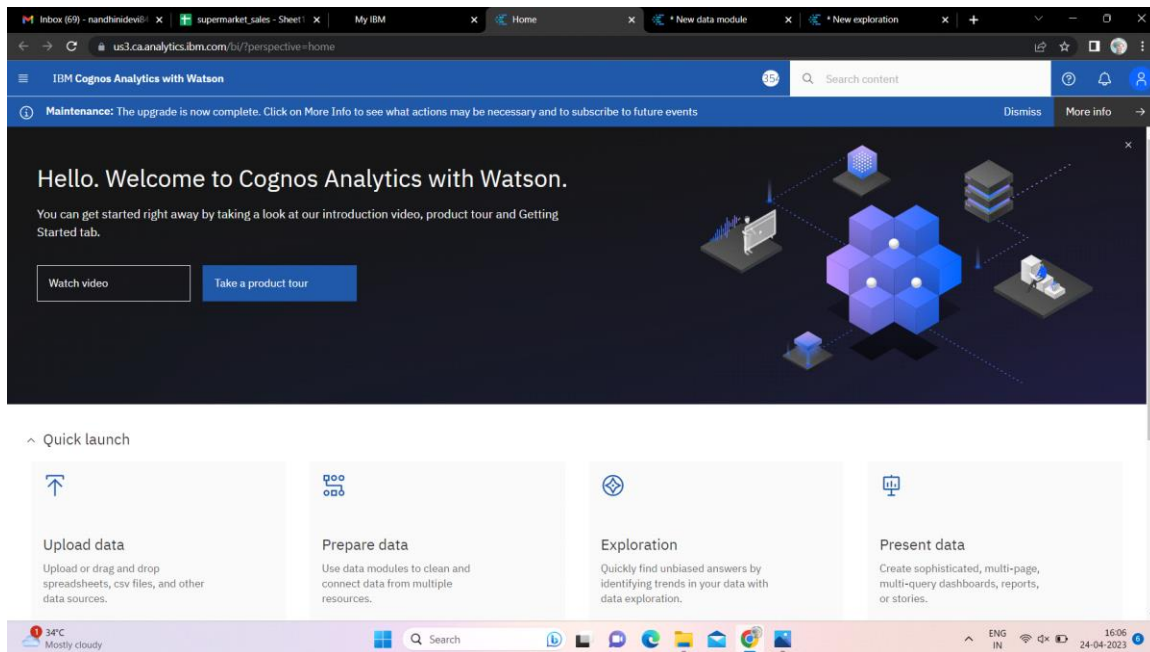
Search

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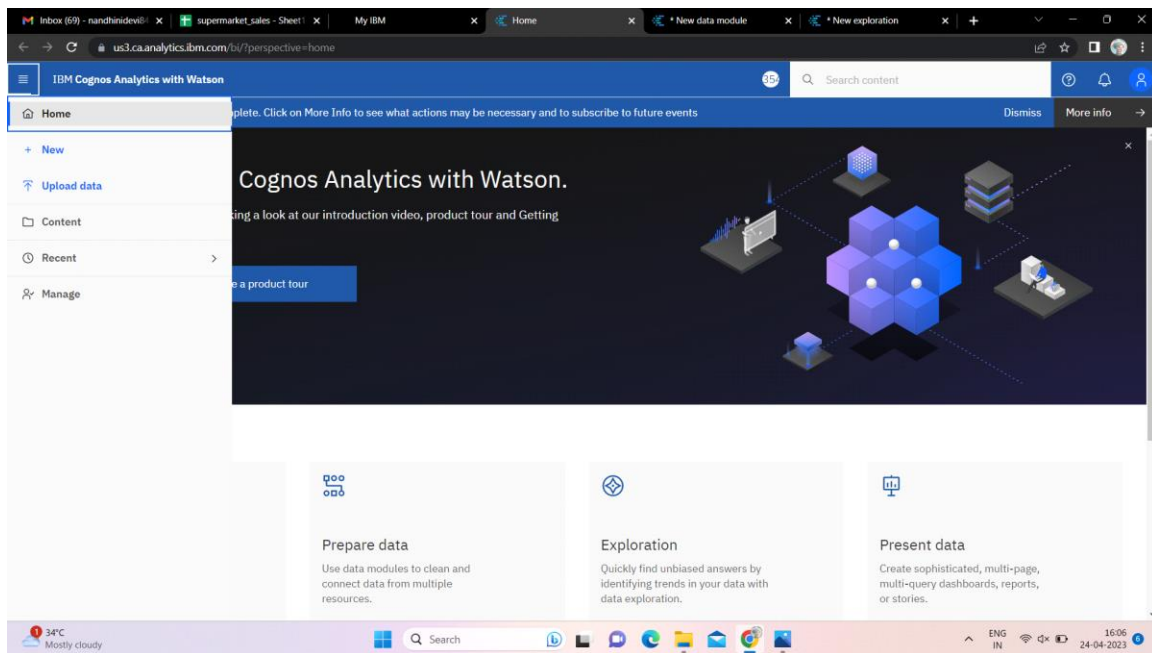
STEP-1: First create your IBM account. If you have created, then enter your mail id and password.



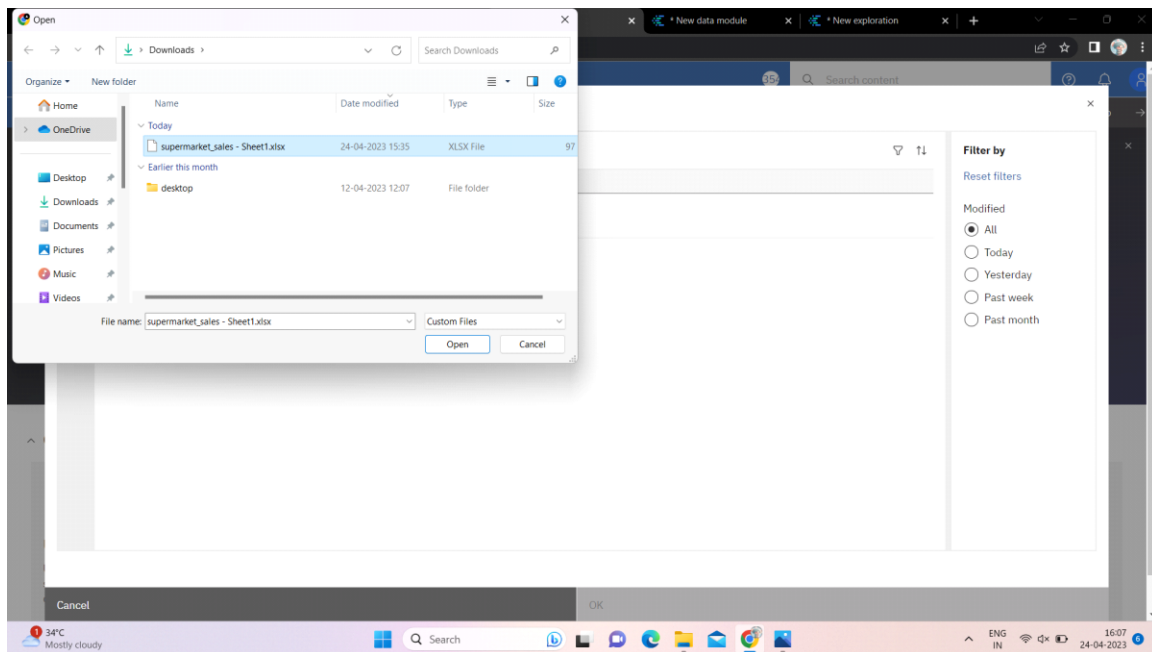
STEP-2: Once you login successfully, then press launch.



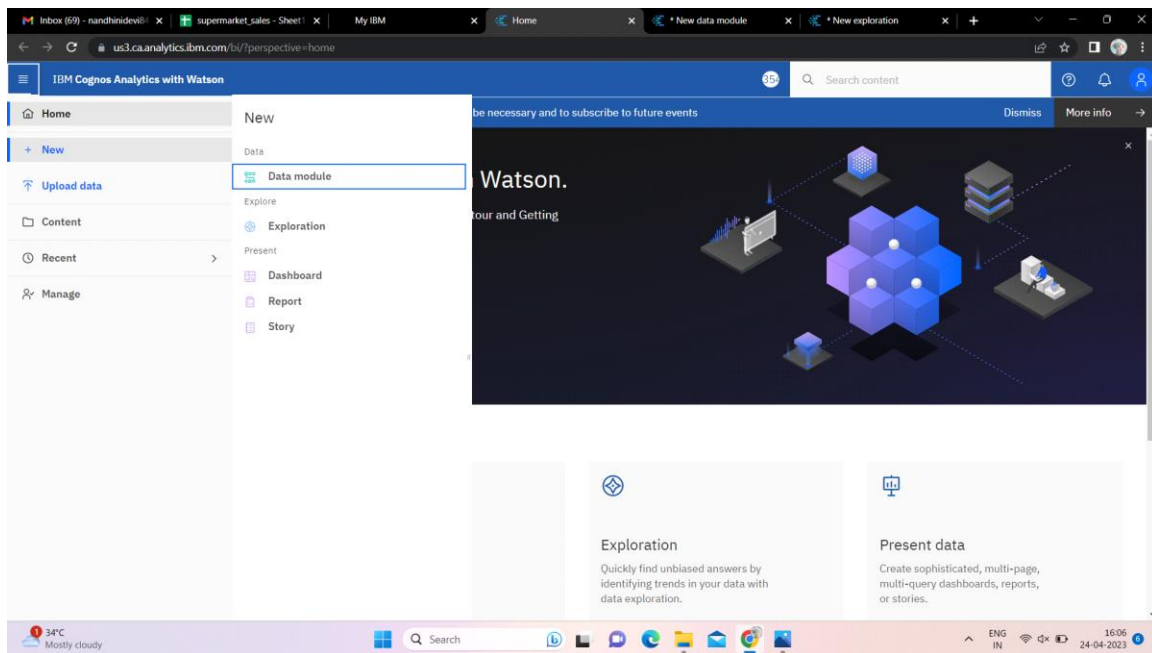
STEP-3: Next, click on settings from left hand side menu.



STEP-4: The home page is created. Then upload data that is downloaded in dataset.



STEP-5: Then choose the file in your computer and press open option to upload.



STEP-6: Then go to new->Data module. The file is attached in the data module.

The screenshot shows the IBM Cognos Analytics interface with a data module open. The left sidebar shows a search bar and a list of data sources, including 'supermarket_sales1.xlsx'. The main content area displays a table with the following columns: Row Id, Invoice ID, Branch, City, Customer type, Gender, and Product line. The table contains 13 rows of data.

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

STEP-7: After entering into the data module. Select the file and delete the RowId. And atlast save.

The screenshot shows the IBM Cognos Analytics web application. The 'New' menu is open, and 'Data module' is selected under the 'Data' category. The 'Custom tables' section displays a table with the following data:

City	Customer type	Gender	Product line	Unit price
Yangon	Member	Female	Health and beauty	74.69
Naypyitaw	Normal	Female	Electronic accessories	15.28
Yangon	Normal	Male	Home and lifestyle	46.33
Yangon	Member	Male	Health and beauty	58.22
Yangon	Normal	Male	Sports and travel	86.31
Naypyitaw	Normal	Male	Electronic accessories	85.39
Yangon	Member	Female	Electronic accessories	68.84
Naypyitaw	Normal	Female	Home and lifestyle	73.56
Yangon	Member	Female	Health and beauty	36.26
Mandalay	Member	Female	Food and beverages	54.84
Mandalay	Member	Female	Fashion accessories	14.48
Mandalay	Member	Male	Electronic accessories	25.51
Yangon	Normal	Female	Electronic accessories	46.95
Yangon	Normal	Male	Food and beverages	13.10

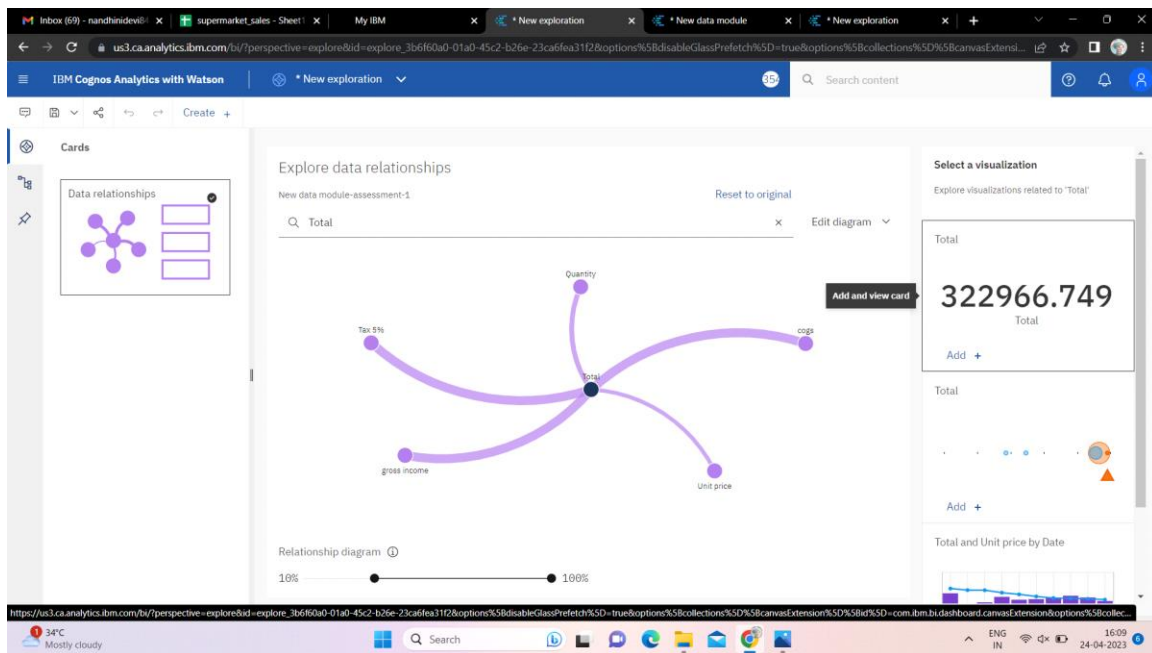
STEP-8: Next, go to the exploration option.

The screenshot shows the 'Add a data source to explore' dialog box. The 'My content' tab is selected, and the following data is displayed:

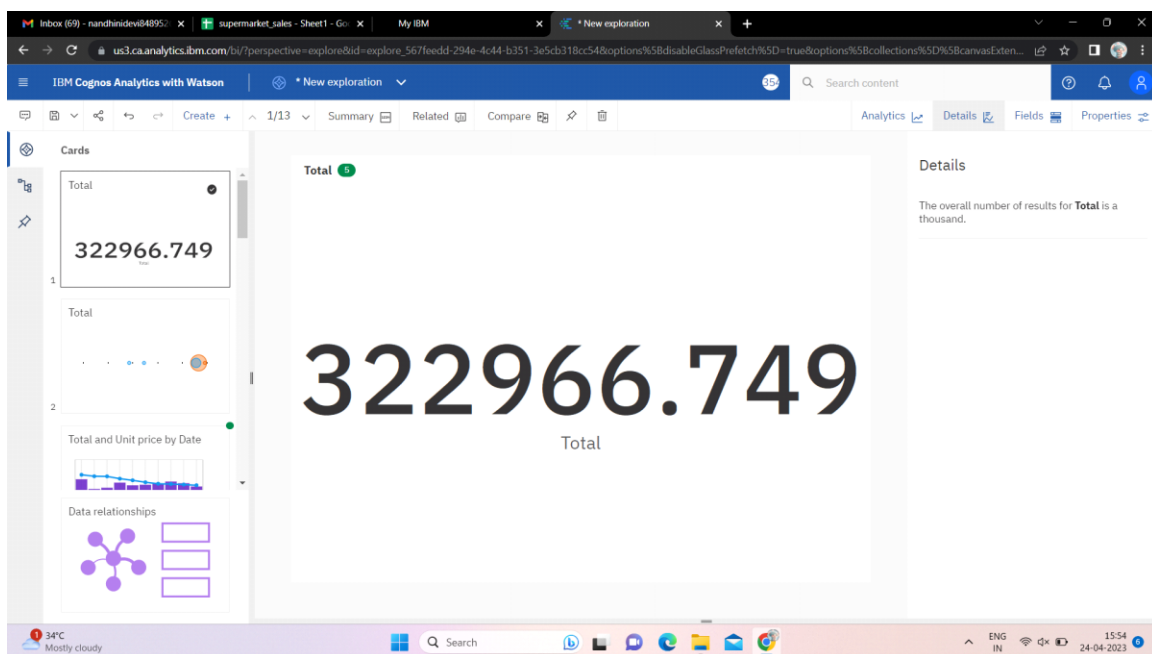
Name	Type	Last Accessed
New data module-assessment-1	Data module	4/24/2023, 5:17 AM
supermarket_sales - Sheet1.xlsx	Uploaded file	4/24/2023, 5:09 AM

The 'Add' button is highlighted in the bottom right corner of the dialog box.

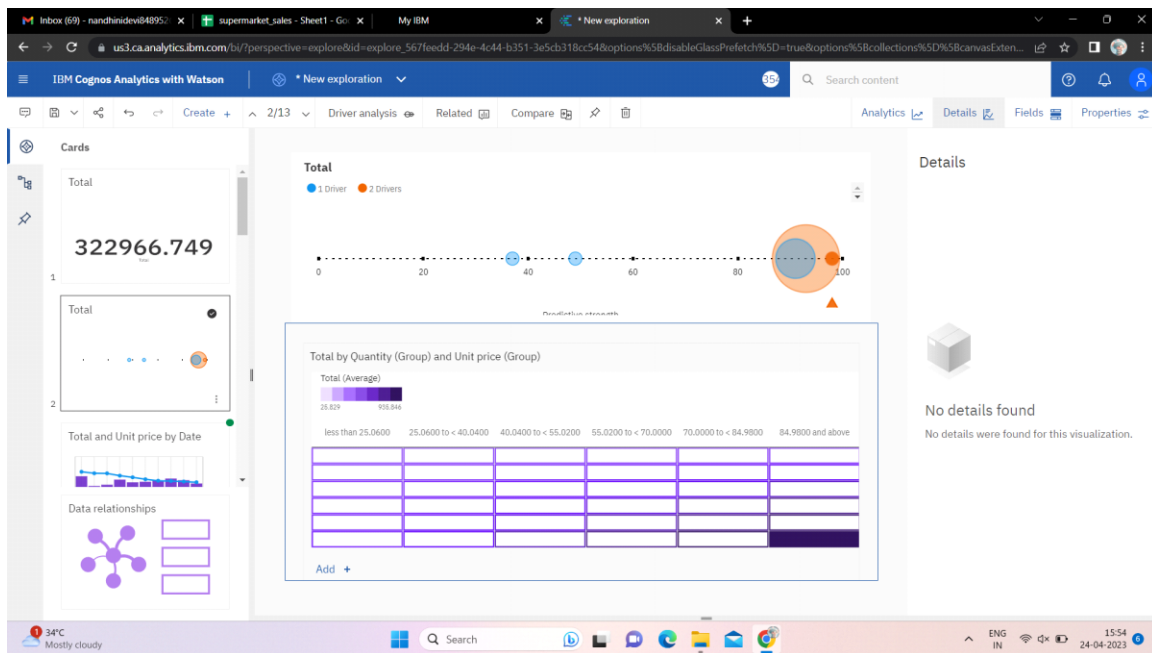
STEP-9: The file is saved in the my content. Then press the file that you have saved(New data module-assessment-1).



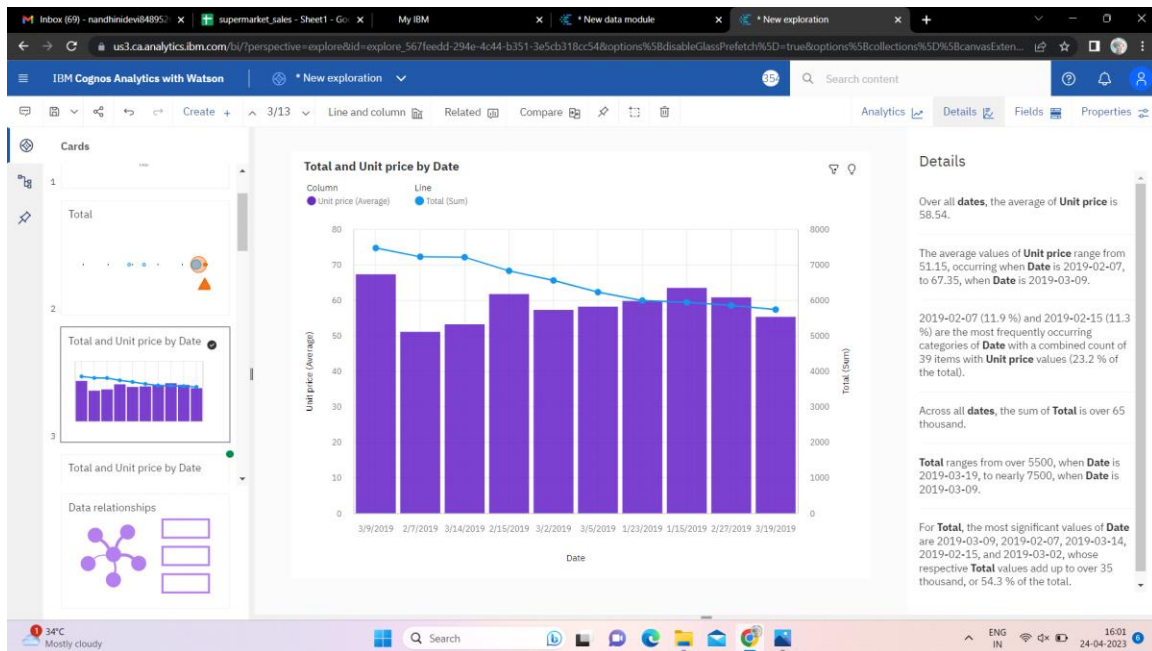
STEP-10: After that, the exploration page is created. On the right hand side, there are many cards available in the visualization. Pressing the add button the exploration is created.



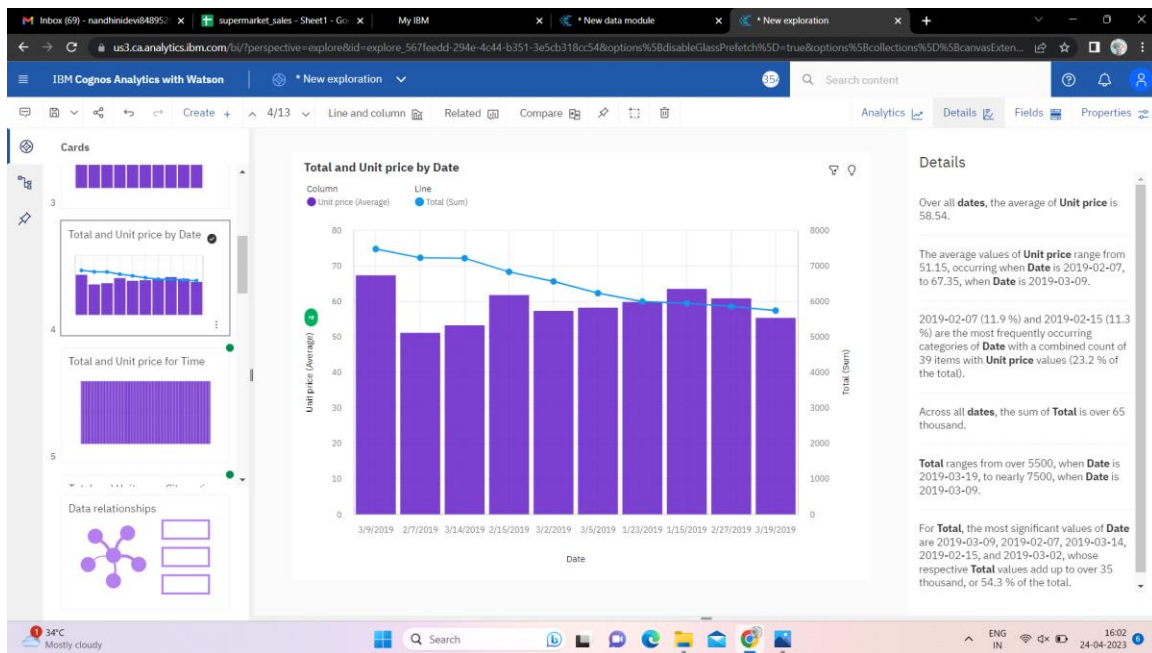
STEP-11: Then the page is created. Therefore the details are given in right side of the page.



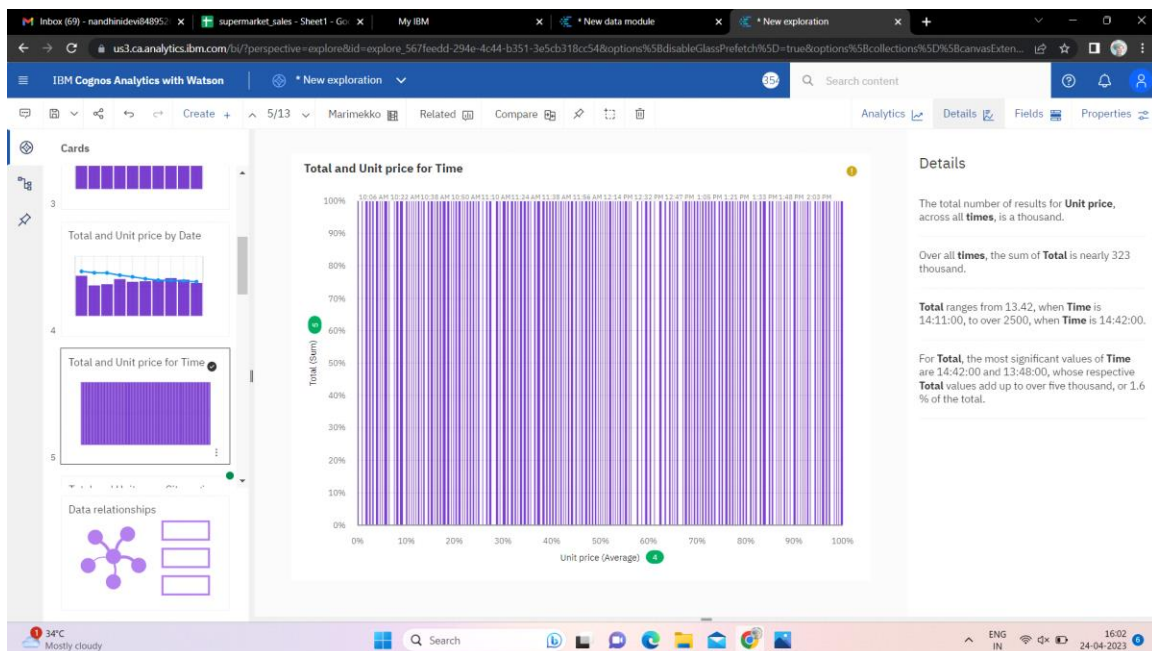
STEP-12: The total quantity with unit price page is created for the supermarket sales.



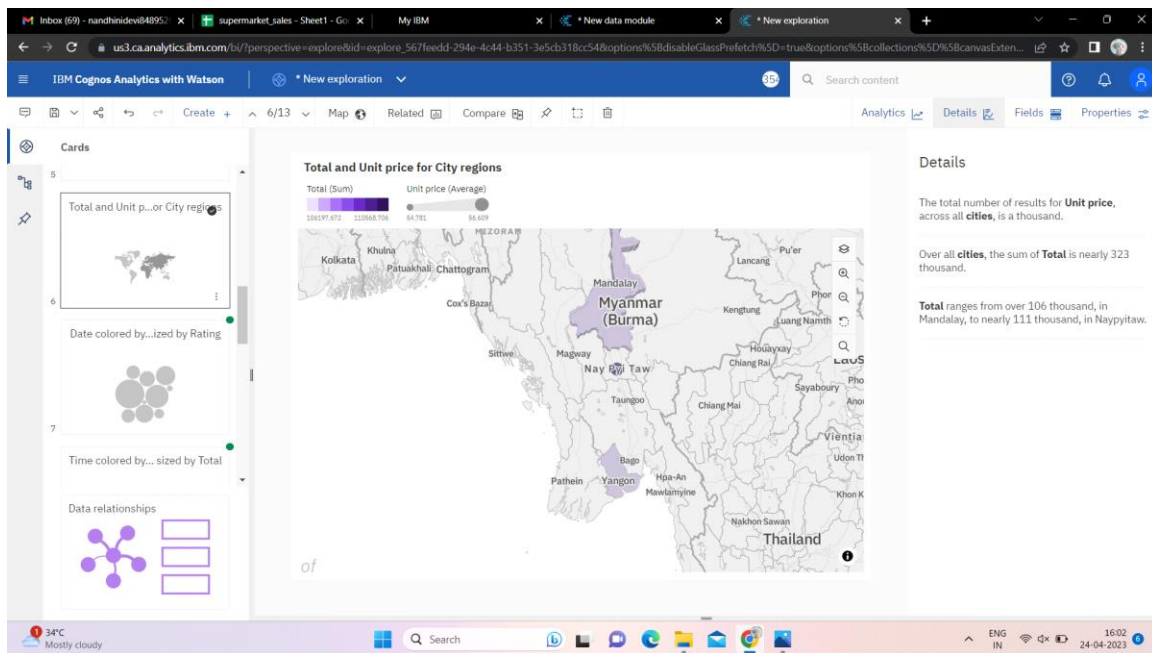
STEP-13: By this page, the graph is created for total and unit price by date.



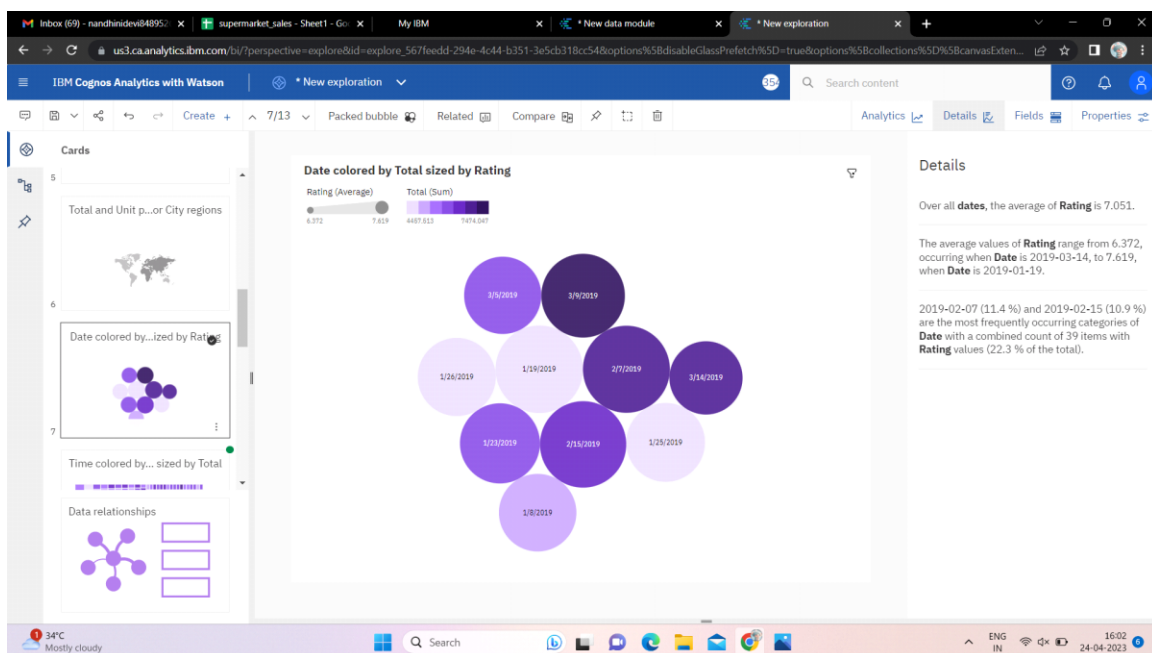
STEP-14: This line is represents total and the column is represents the unit price.



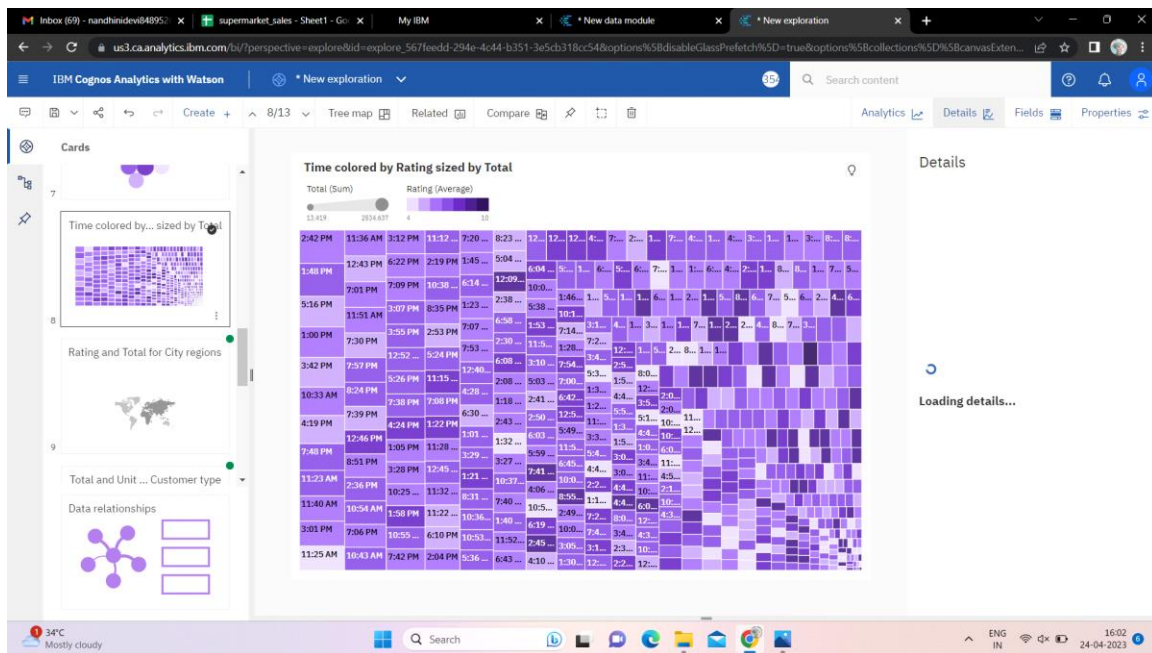
STEP-15: This page is created for time in the vidualization page.



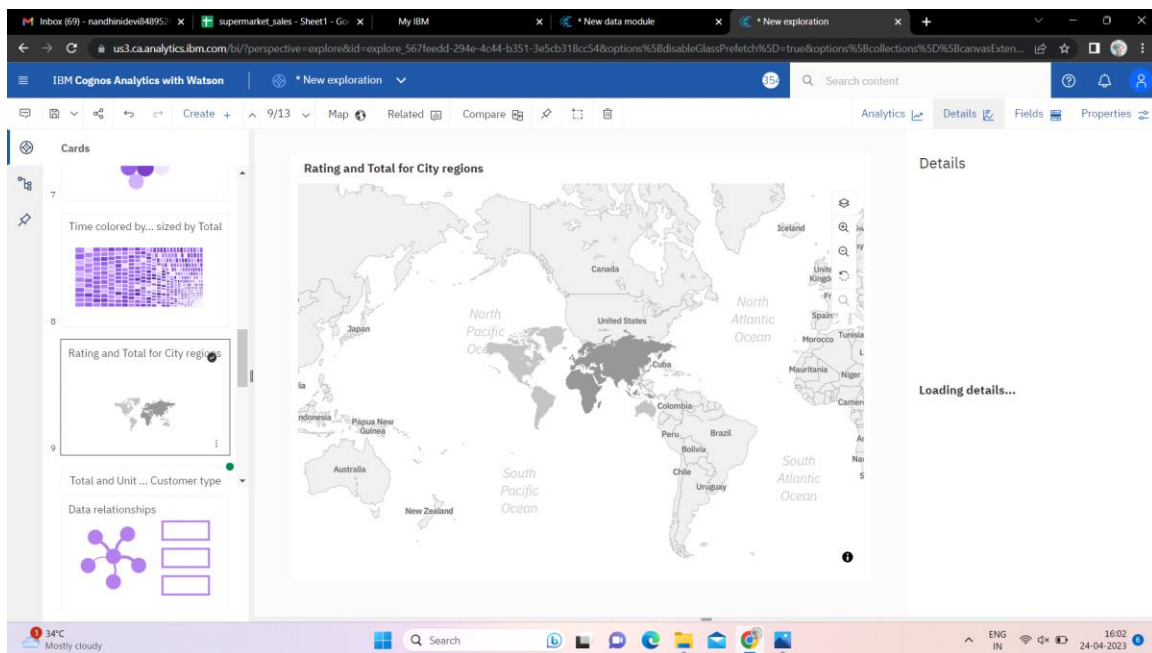
STEP-16: Total and unit prices for city regions is added in supermarket sales.



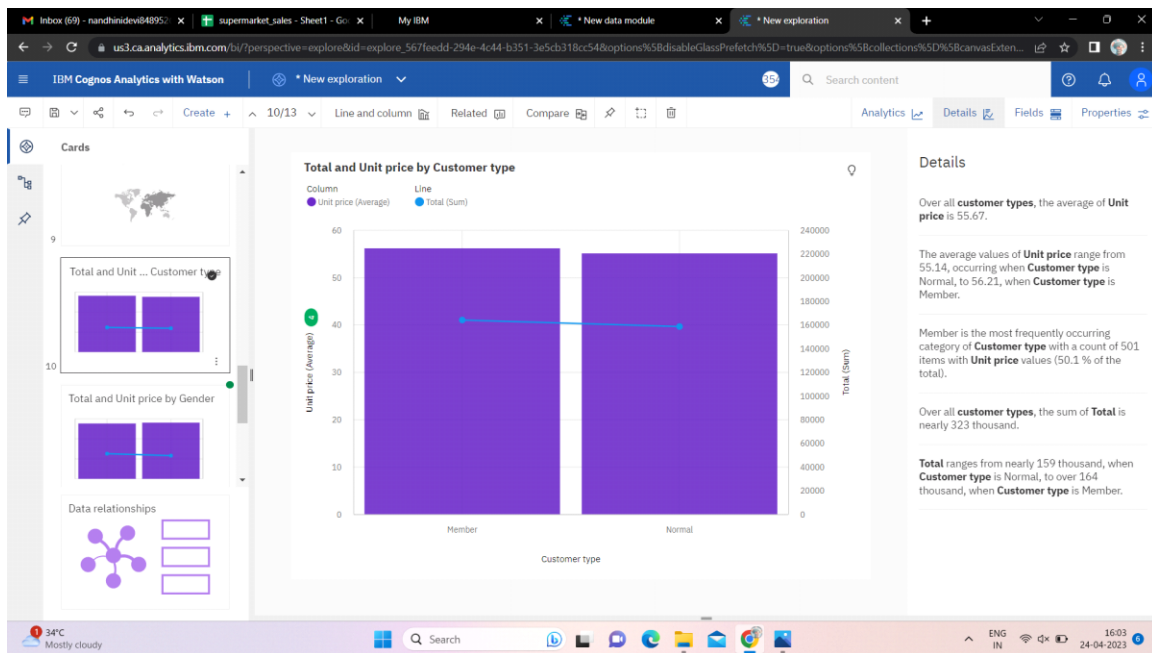
STEP-17: The rating is for data coloured by total size sales sheet.



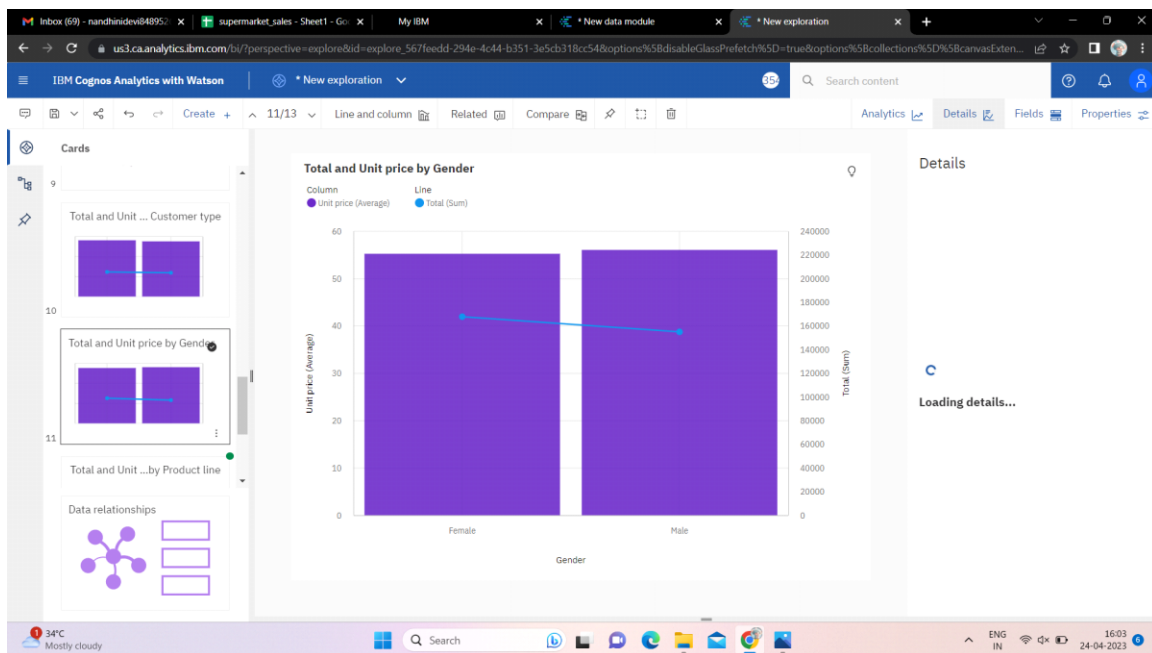
STEP-18: The total is created for rating sized.



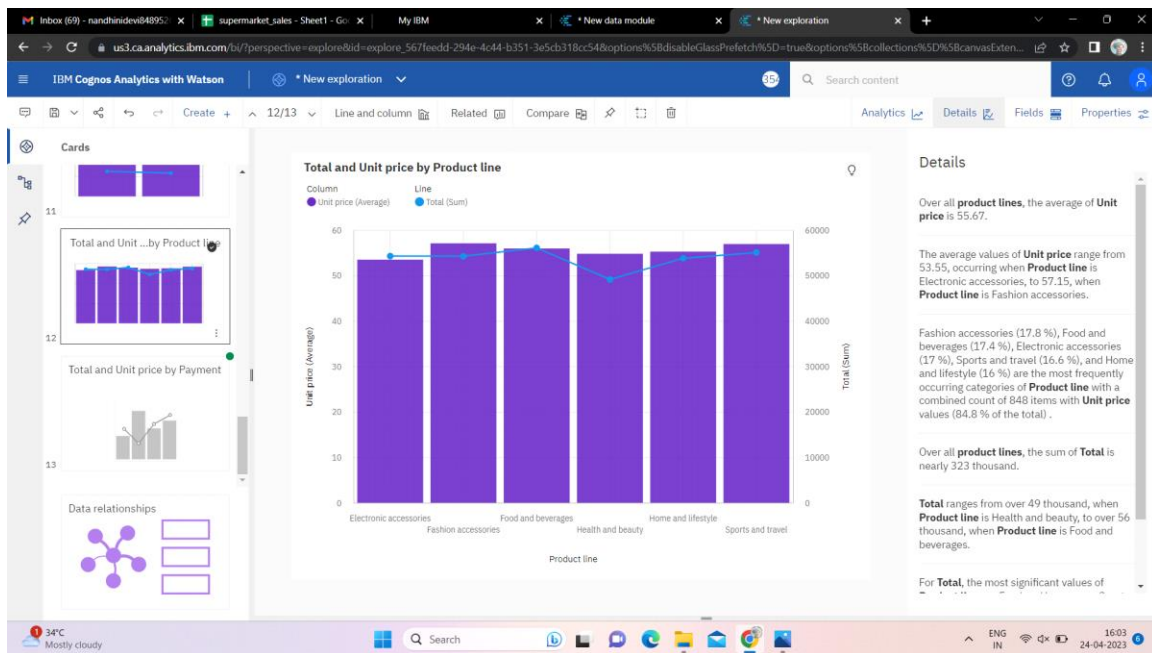
STEP-19: The graph shows which places occupies more sales.



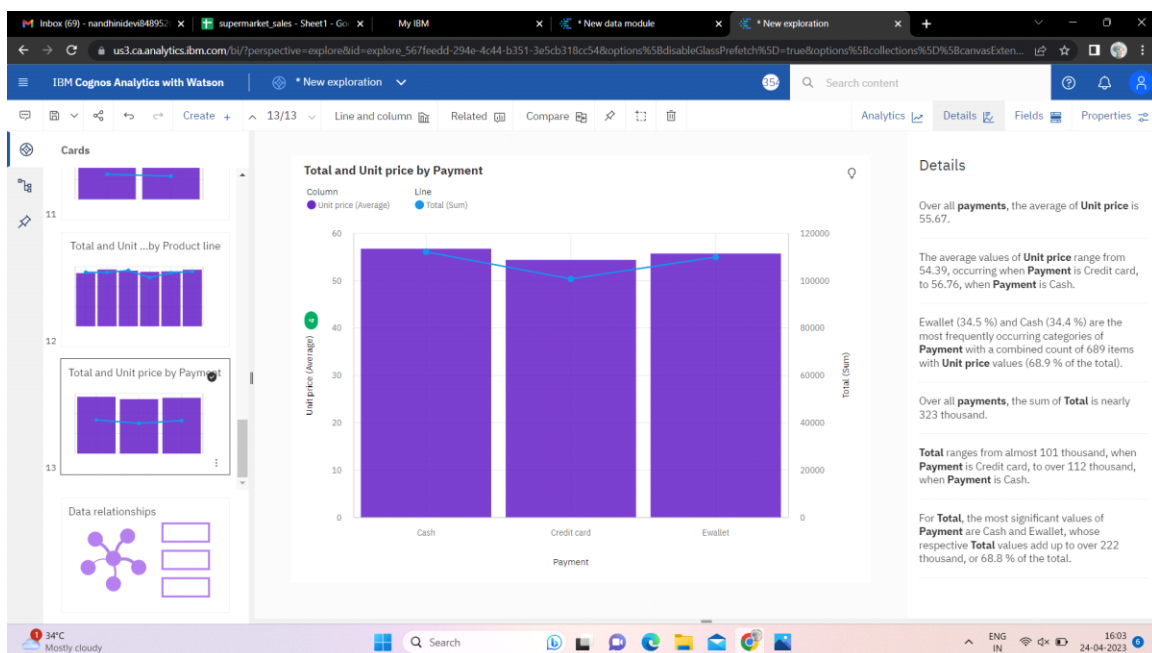
STEP-20: The customer type is created for the supermarket sales.



STEP-21: This page is created for gender.



STEP-22: This page is created for product line for supermarket sale.



STEP-23: This is the last page that is created for payment. After that save this page in the exploration(New exploration assessment-1). Now the supermarket sales page is recorded.

