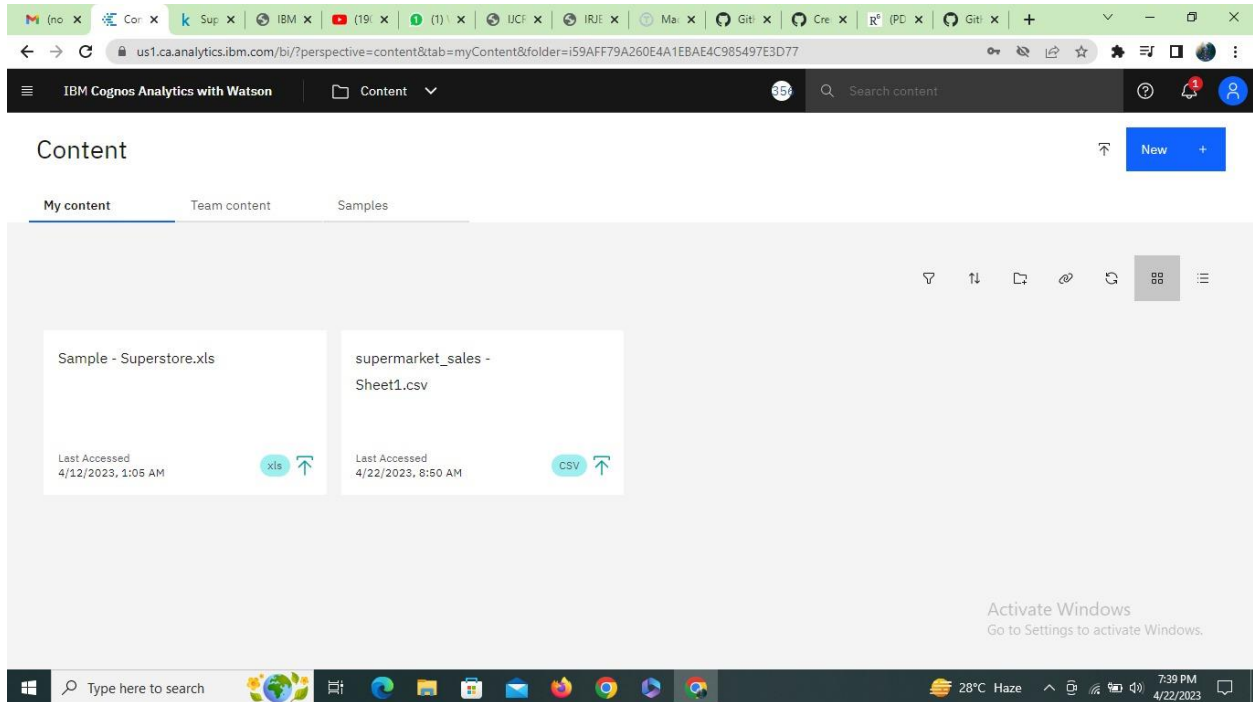
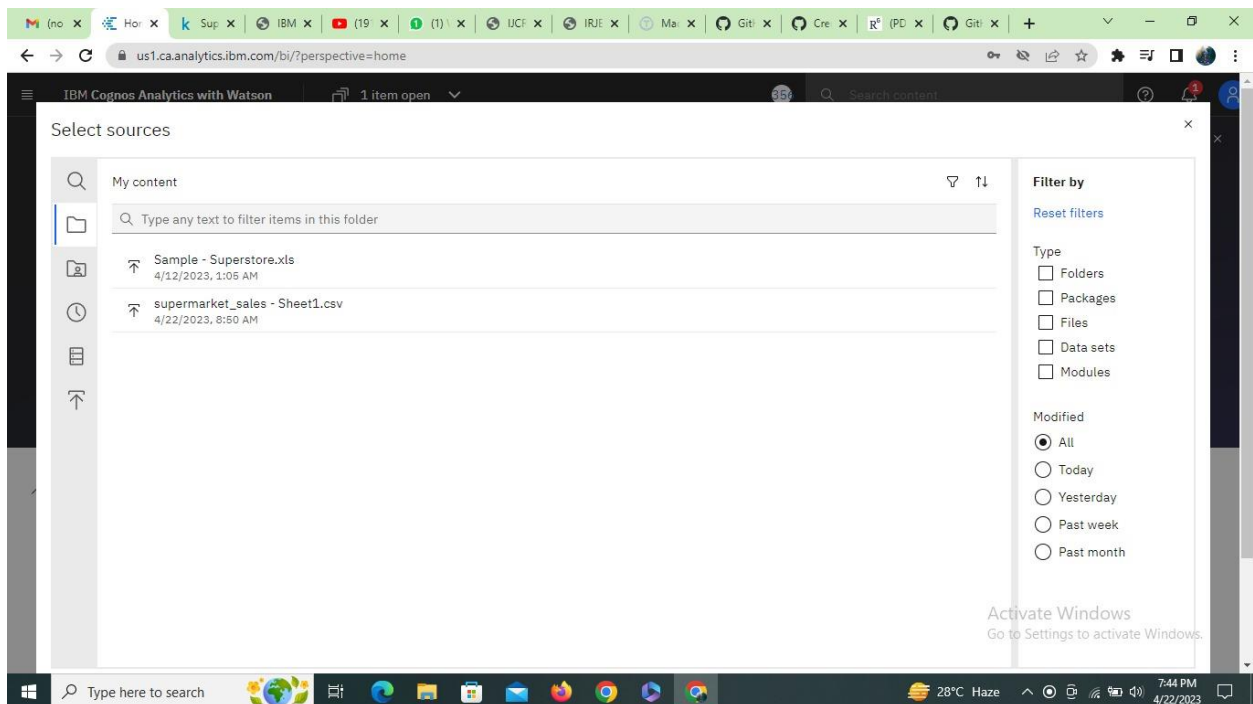


# DA Assignment – 1

## Step 1: Uploading the dataset.



## Step 2: After uploading the dataset



### Step 3: Clear the unnecessary data into the dataset.

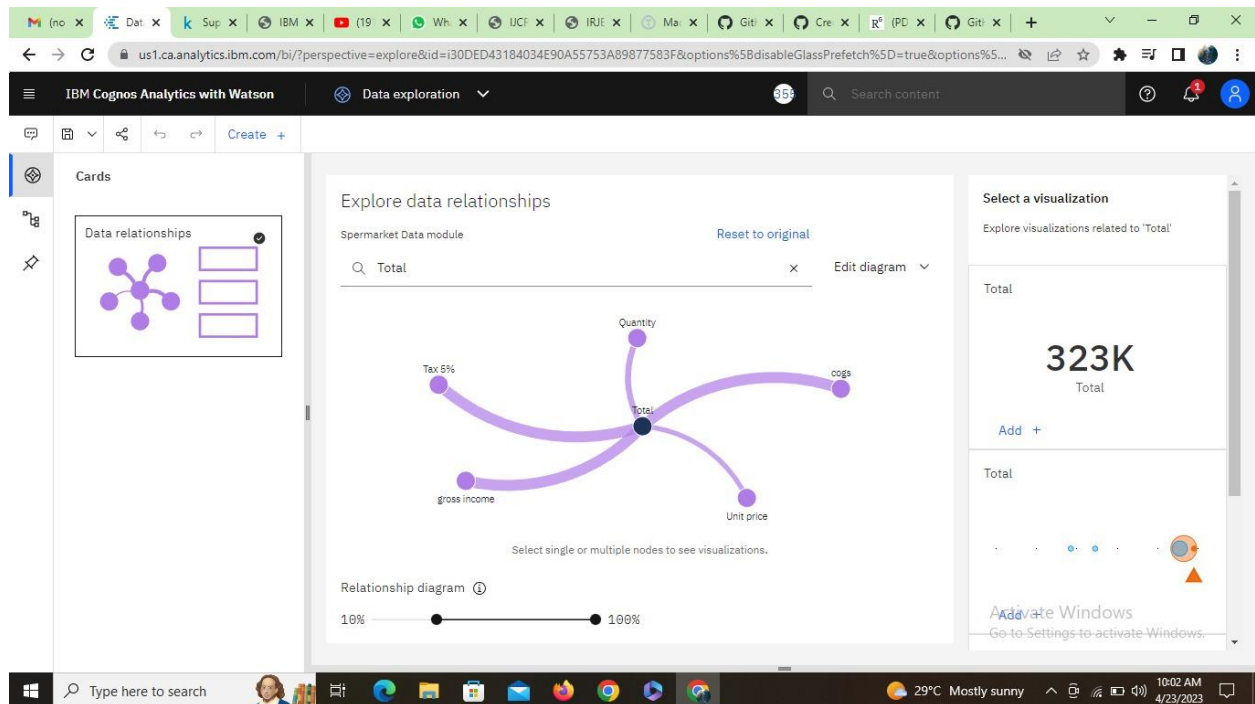
The screenshot shows the IBM Cognos Analytics interface. The left sidebar displays the 'Data module' tree with 'supermarket... View (1)' selected. The main area shows a 'Grid' view of the data. The table has the following columns: Row Id, Invoice ID, Branch, City, Customer type, and Gender. The data is as follows:

Row Id	Invoice ID	Branch	City	Customer type	Gender
57	106-35-6779	A	Yangon	Member	Male
68	109-28-2512	B	Mandalay	Member	Female
163	101-17-6199	A	Yangon	Normal	Male
170	105-31-1824	A	Yangon	Member	Male
256	110-48-7033	B	Mandalay	Member	Male
401	110-05-6330	C	Naypyitaw	Normal	Female
684	105-10-6182	A	Yangon	Member	Male
777	102-77-2261	C	Naypyitaw	Member	Male
779	102-06-2002	C	Naypyitaw	Member	Male
825	109-86-4363	B	Mandalay	Member	Female

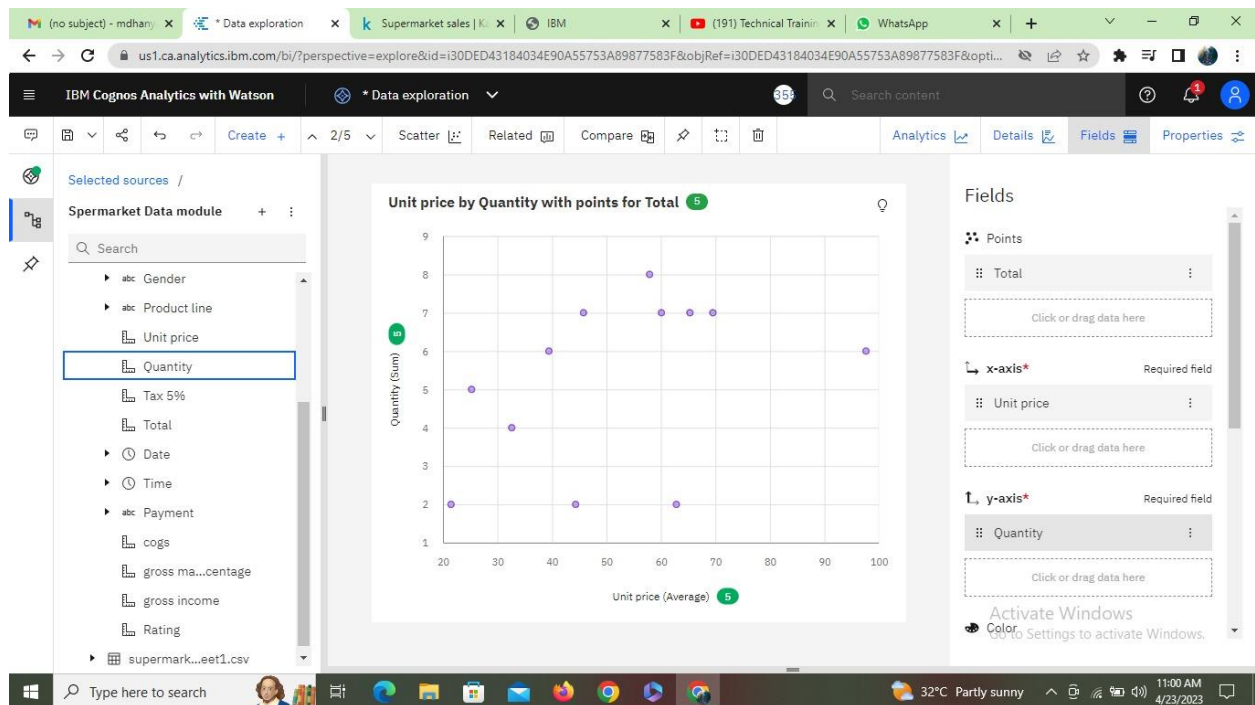
### Step 4: Creating a custom table to view its definition.

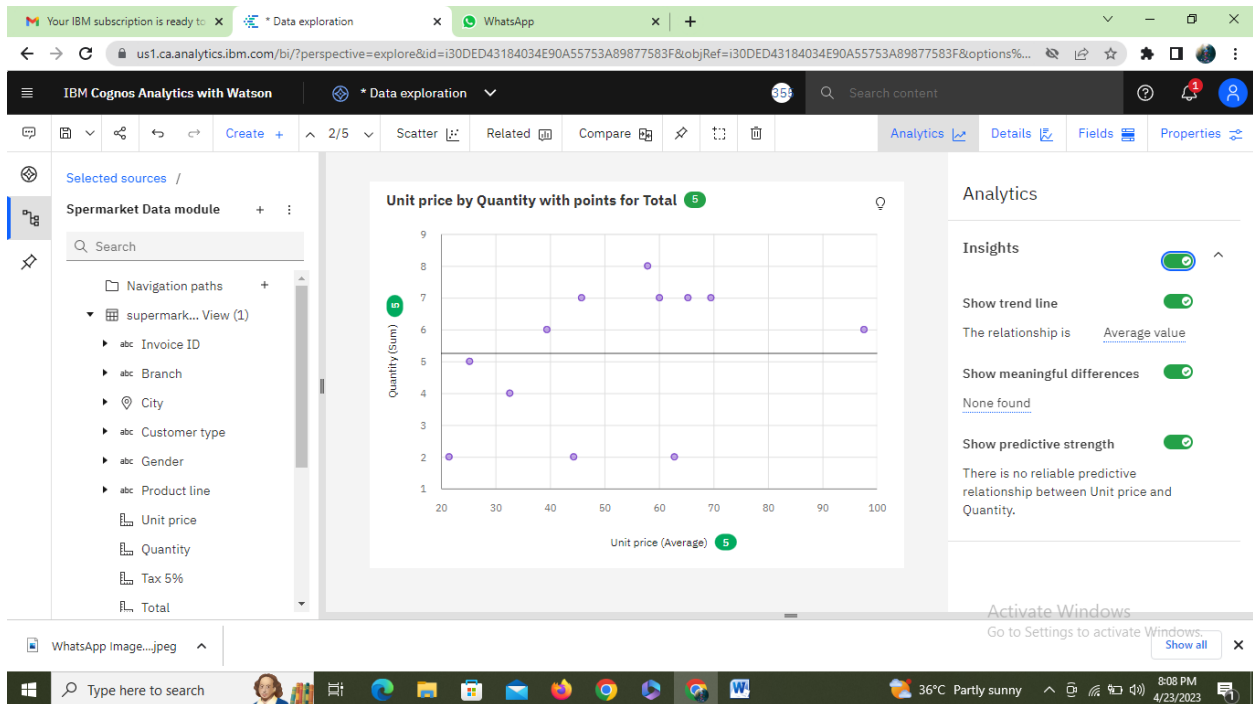
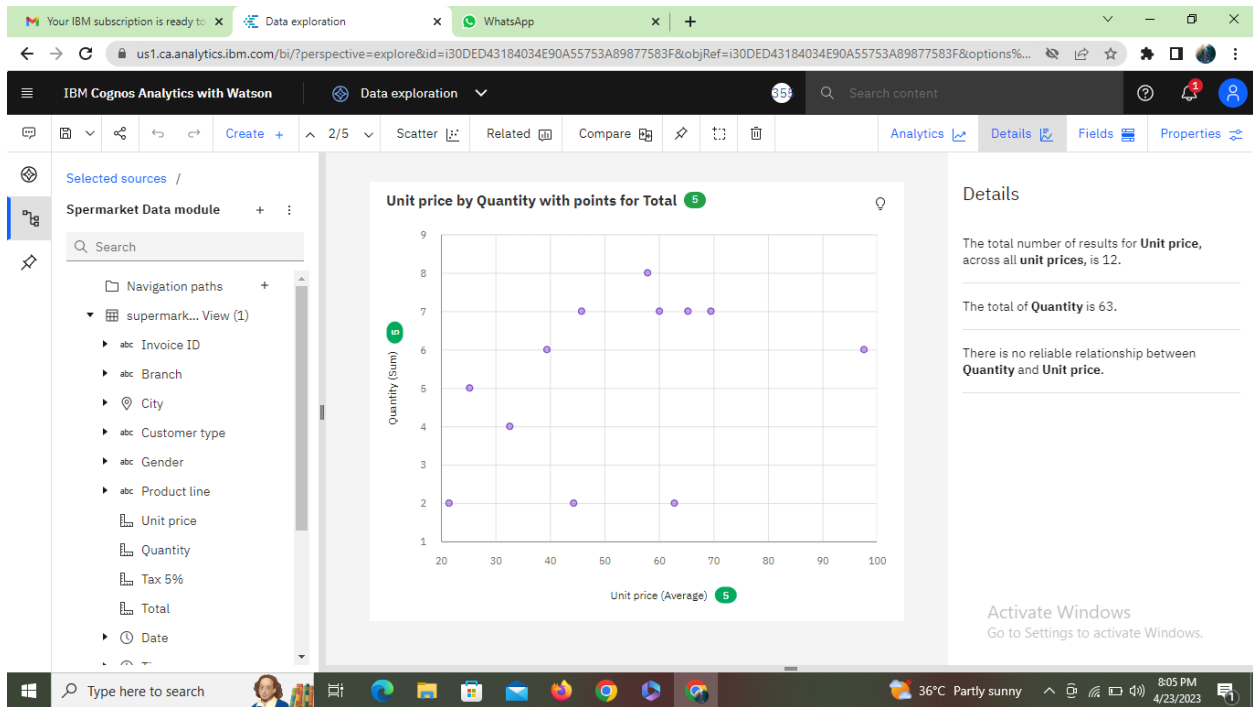
The screenshot shows the IBM Cognos Analytics interface with the 'Custom tables' tab selected. A custom table named 'supermarket\_sales - Sheet1.csv - View (1)' is displayed. The table structure is shown as a diagram with two boxes: 'supermarke...Sheet1.csv' and 'supermarke... - View (1)'. The left sidebar shows the 'Data module' tree with 'supermarket... View (1)' selected. The main area shows the custom table view.

## Step 5: Data Exploration.

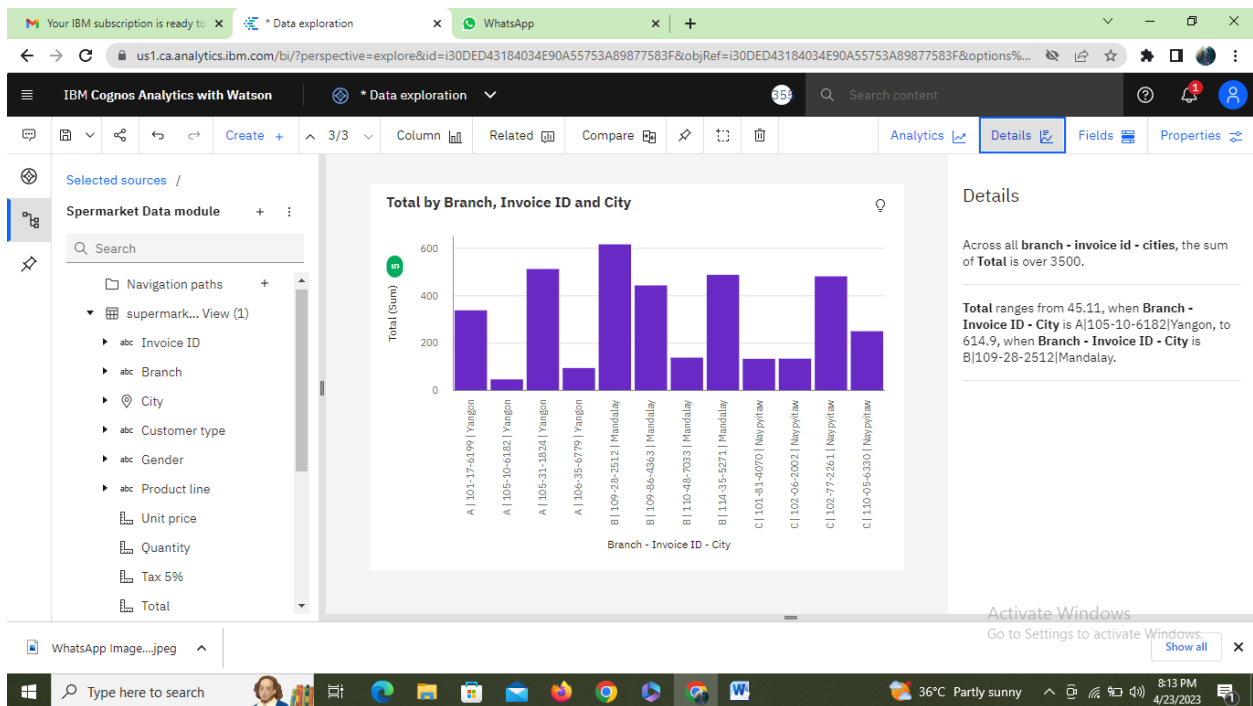
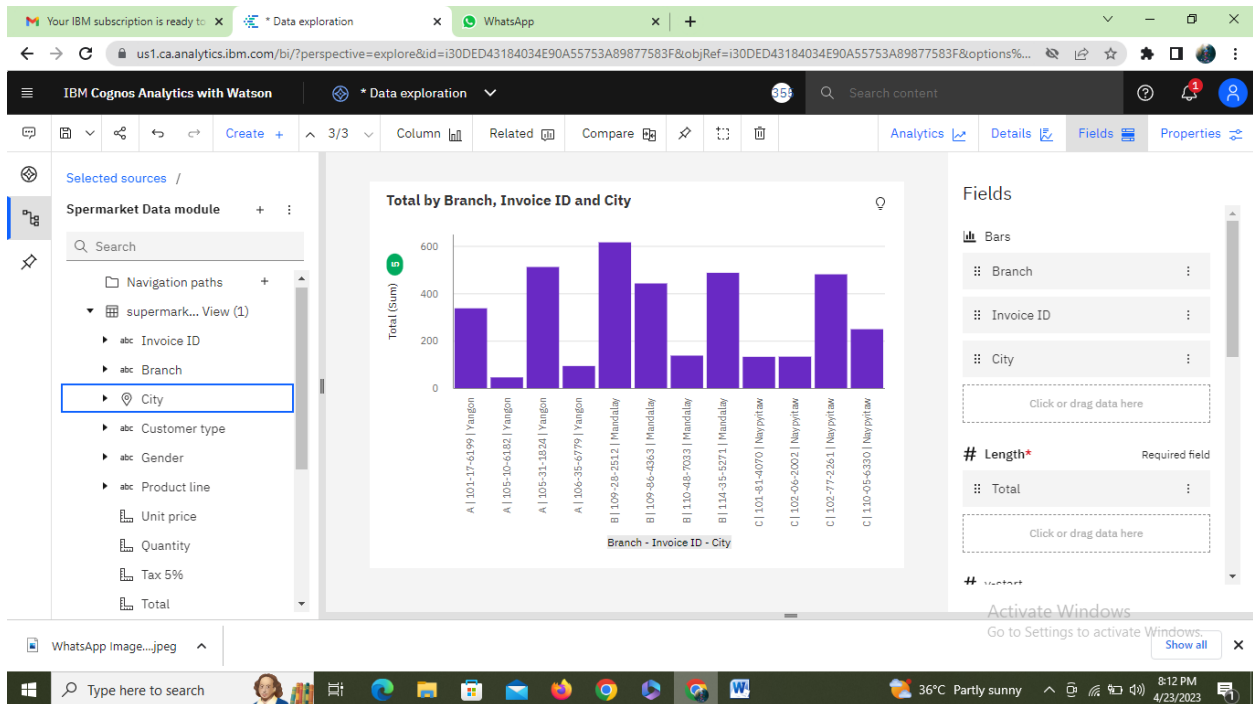


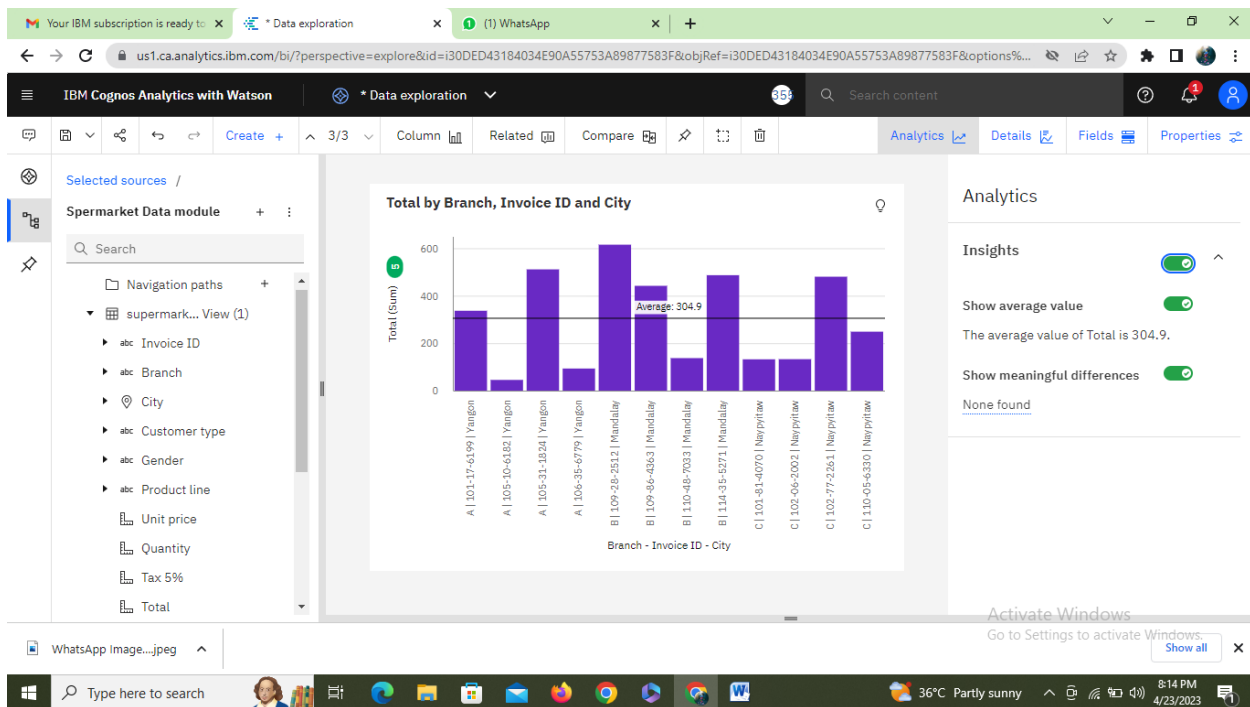
## Step 6: Visualization of Unit price by Quantity with points for Total.



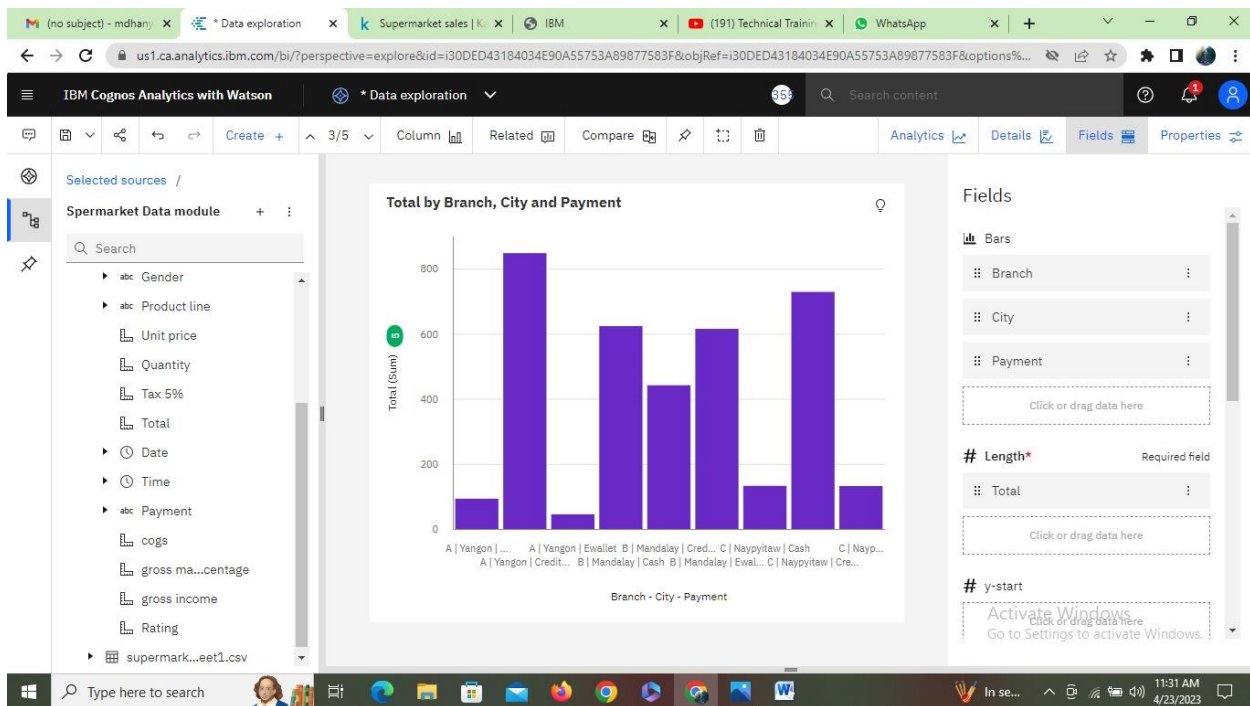


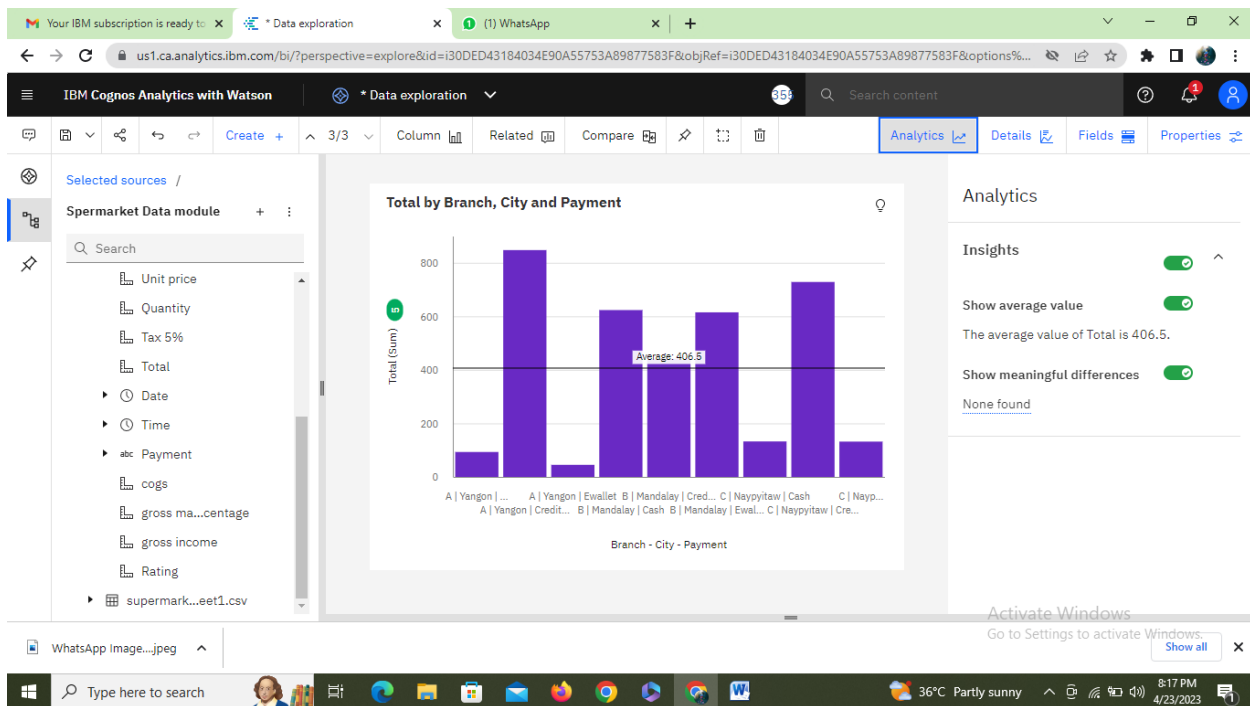
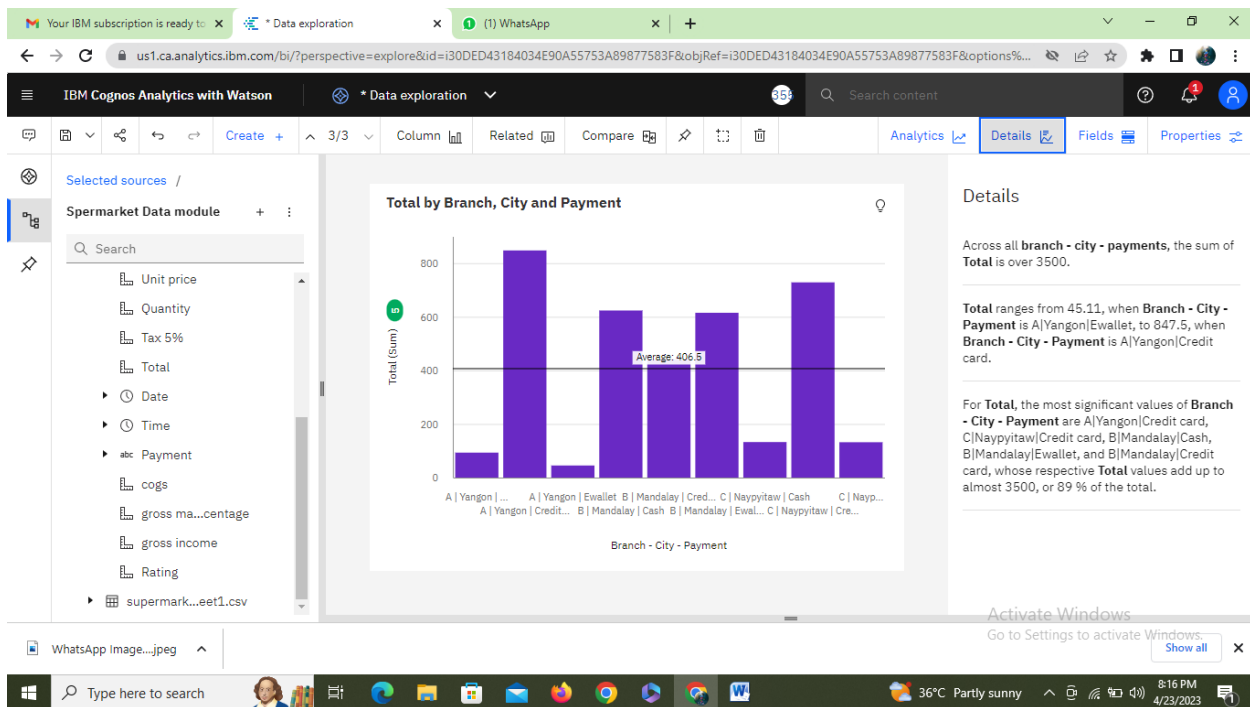
## Step 7: Visualization of Total by Branch, Invoice ID and City.





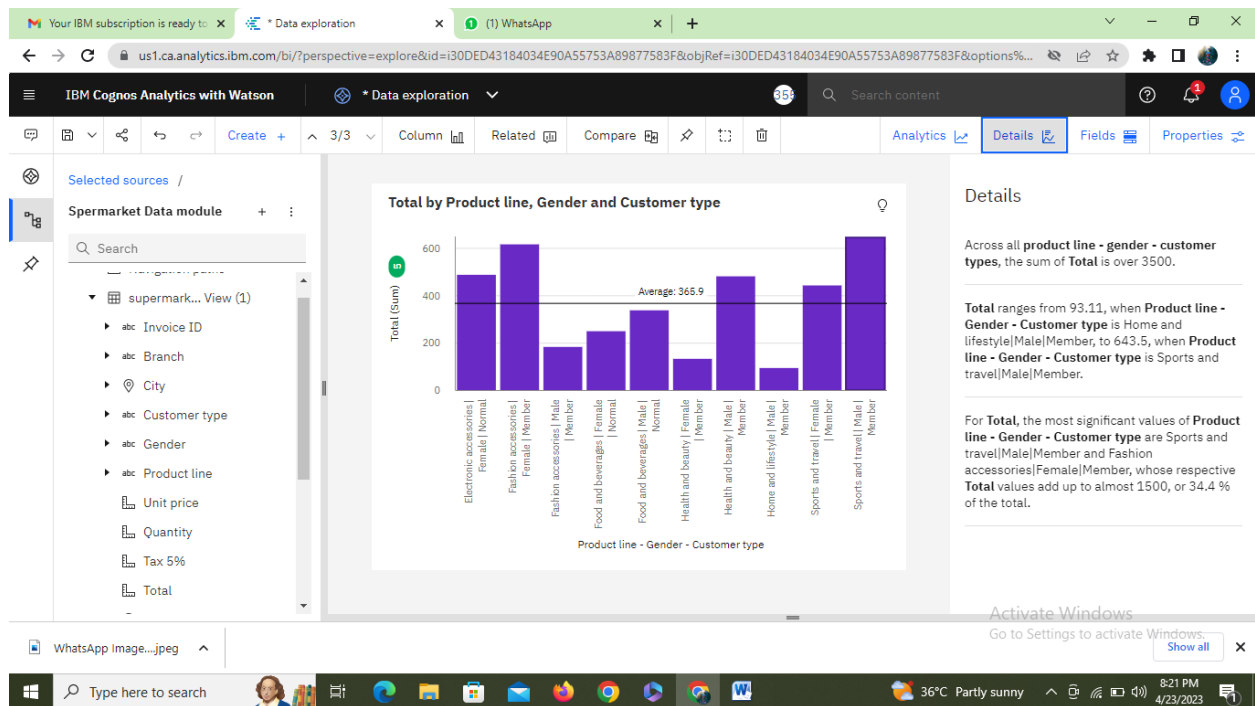
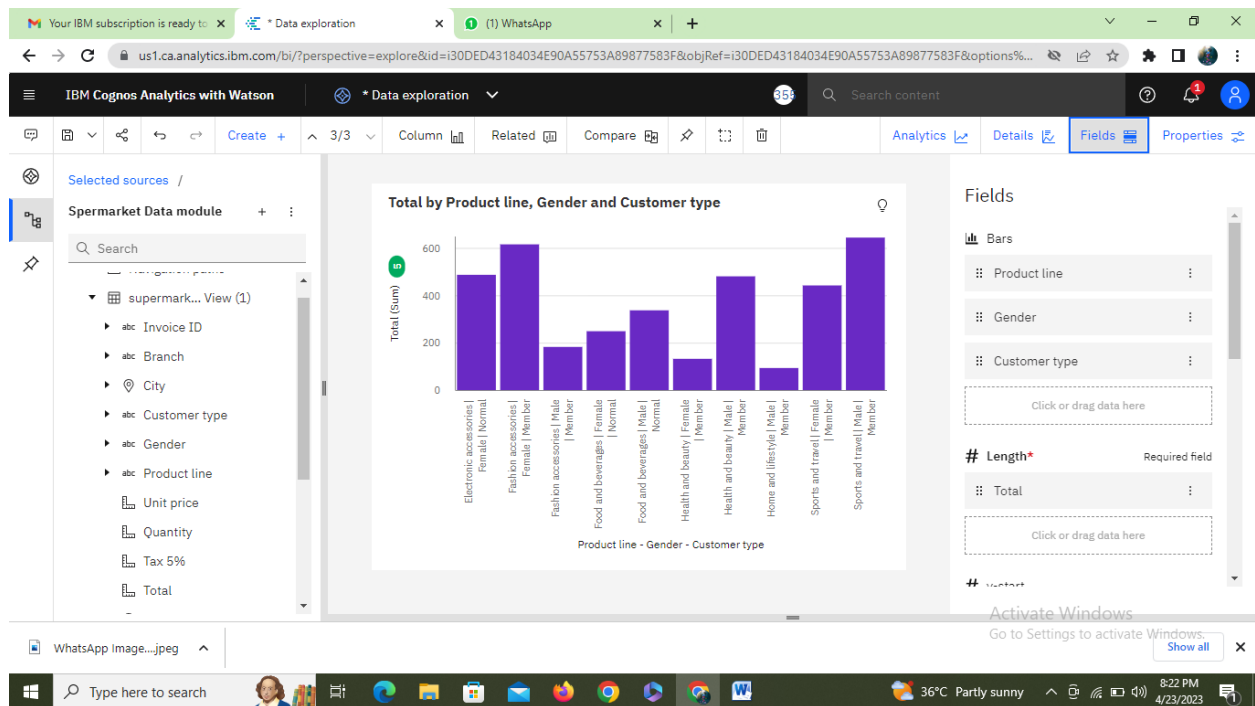
## Step 8: Visualization of Total by Branch, City and Payment.



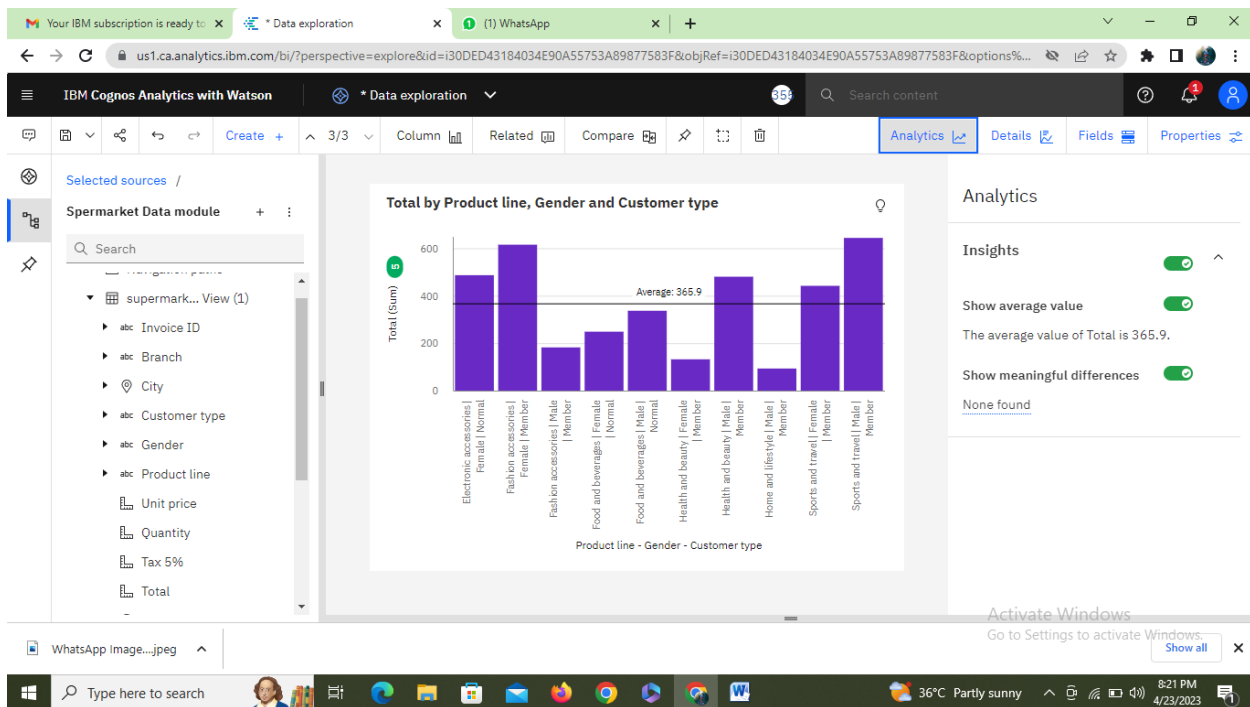




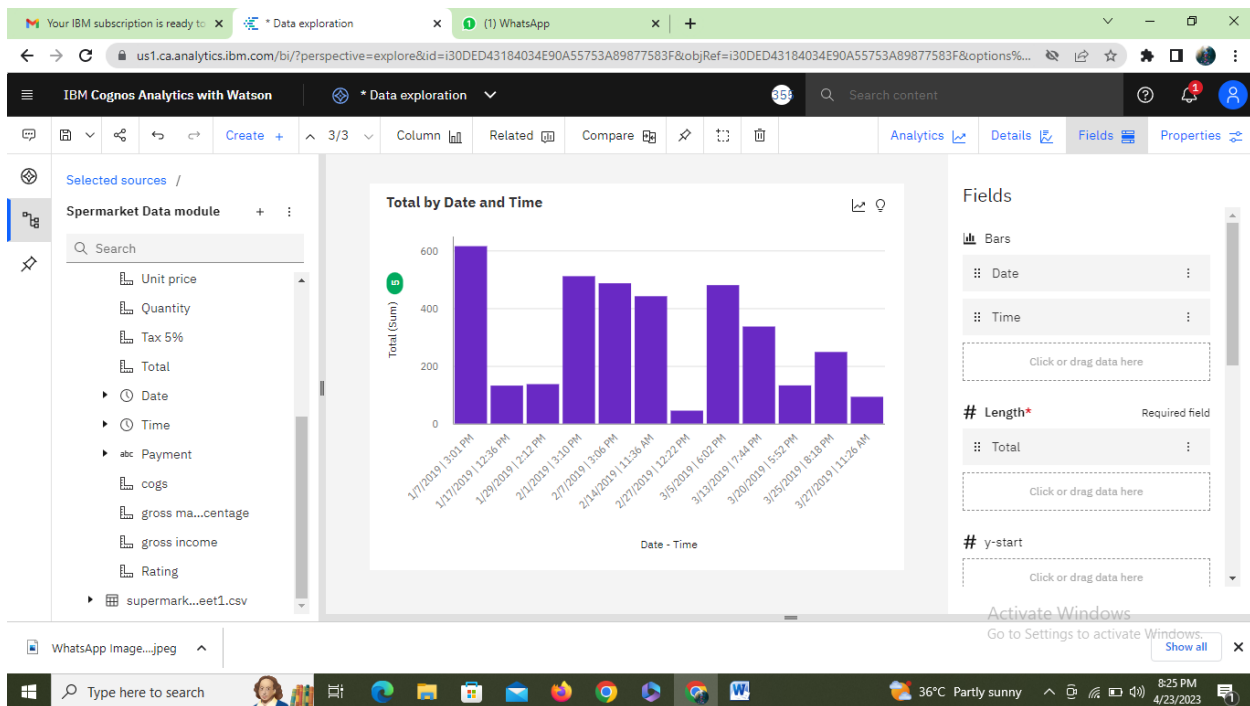
## Step 9: Visualization of Total by Product line, Gender and Customer type.

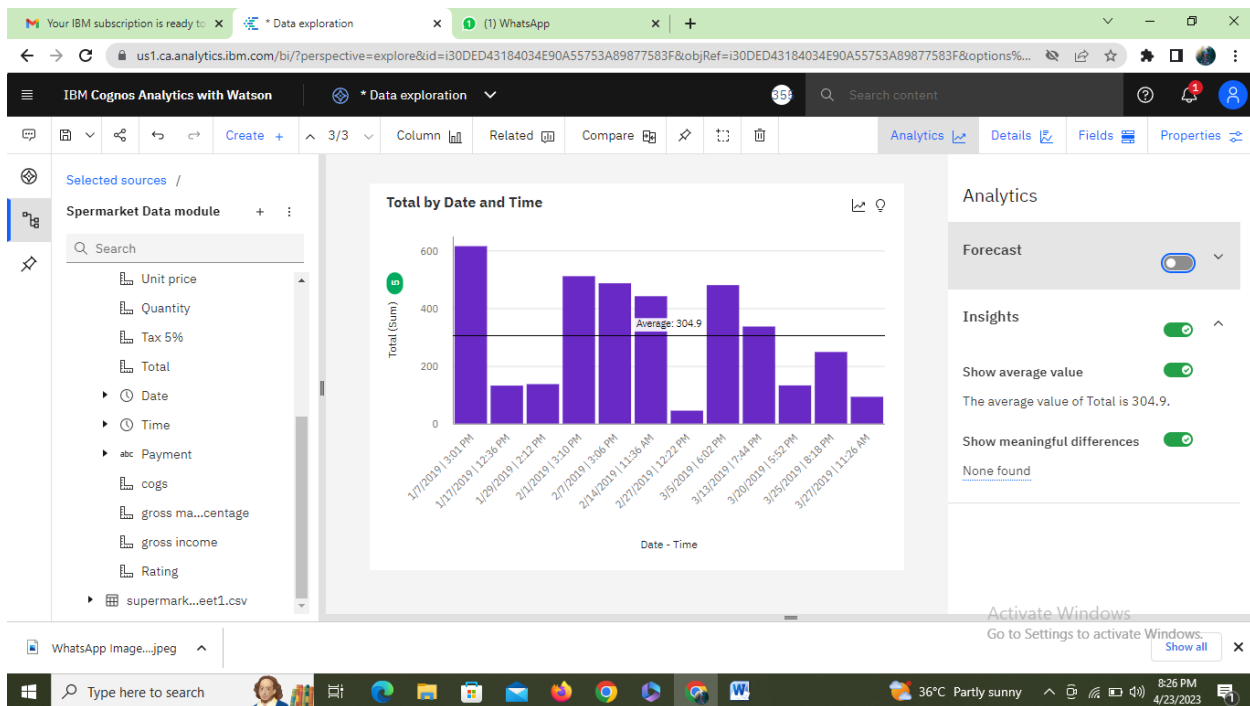
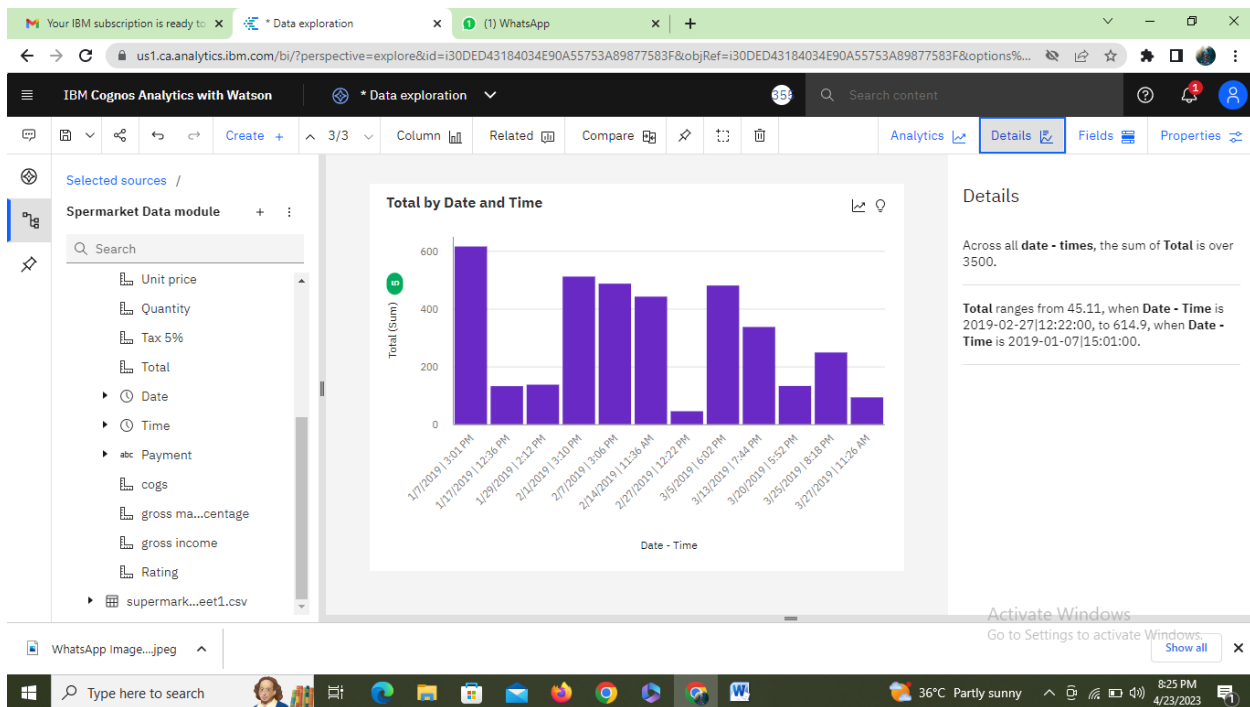




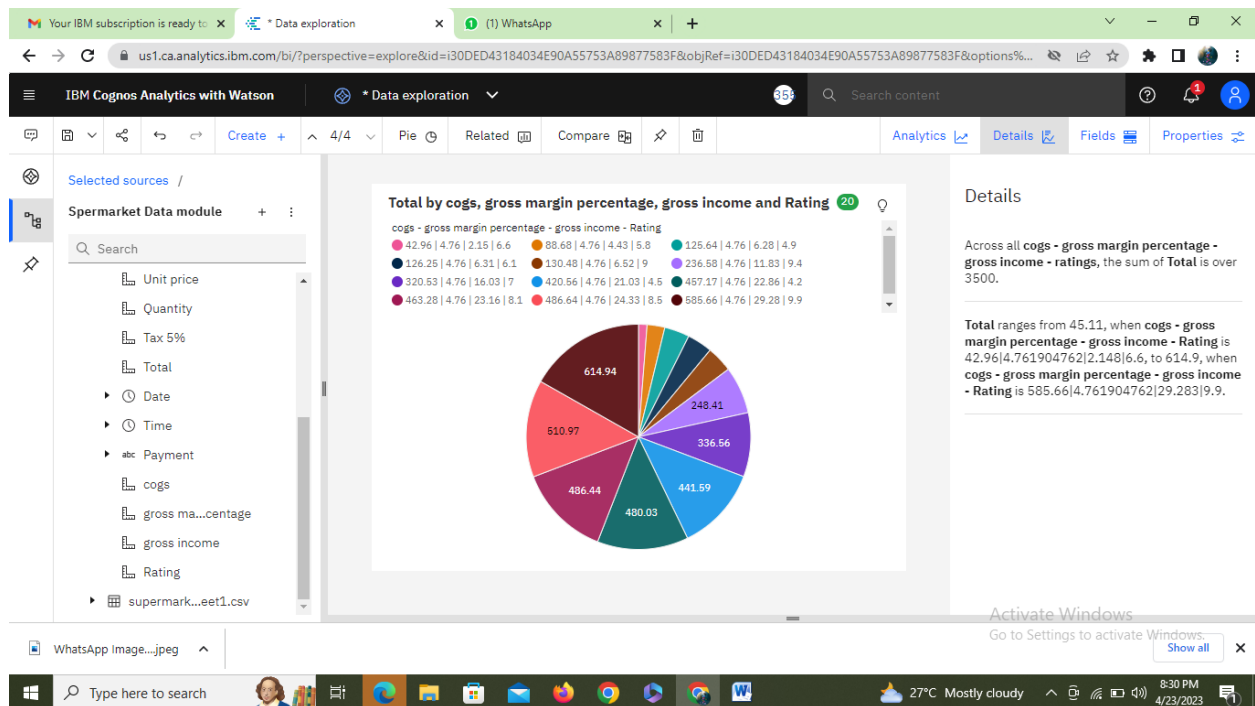
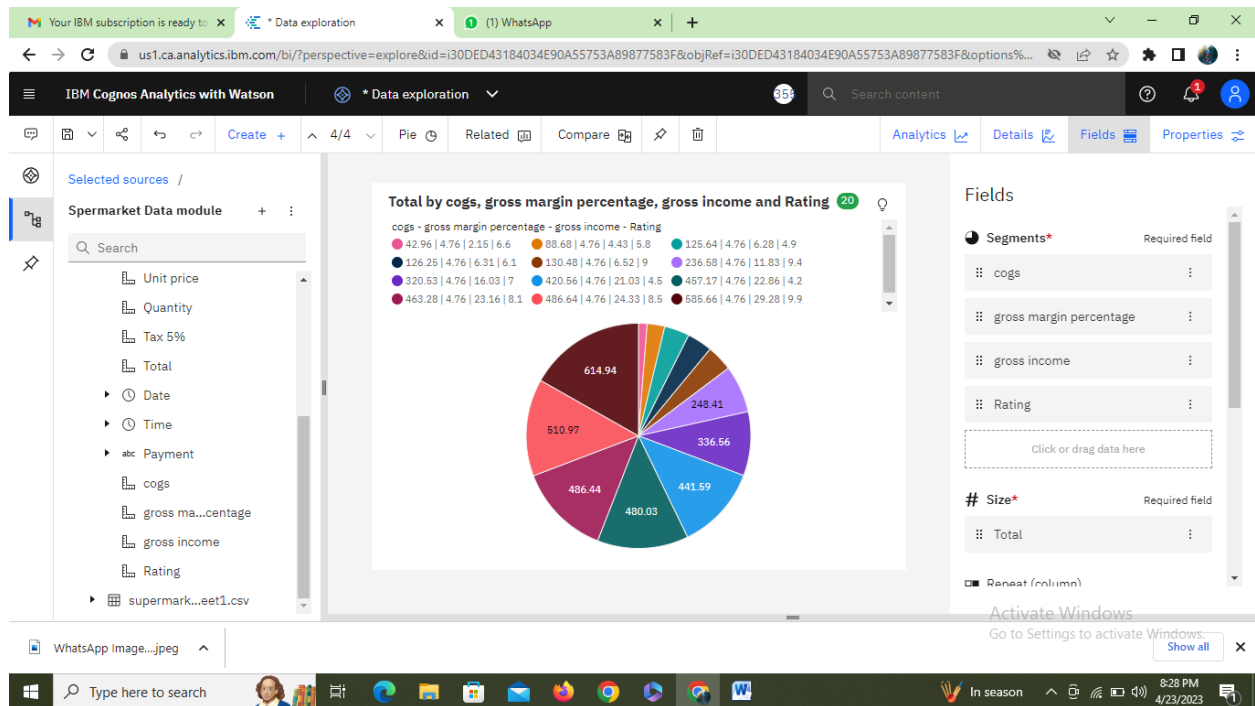


## Step 10: Visualization of Total by Date and Time.





## Step 11: Visualization of Total by cogs, gross margin percentage, gross income and Rating.



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\* Data exploration

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IBM Cognos Analytics with Watson

\* Data exploration

Search content

AnalyticsDetailsFieldsProperties

Selected sources /

Spermarket Data module

Search

Unit price

Quantity

Tax 5%

Total

Date

Time

Payment

cogs

gross ma...centage

gross income

Rating

supermark...et1.csv

Total by cogs, gross margin percentage, gross income and Rating (20)

cogs - gross margin percentage - gross income - Rating

42.96 | 4.76 | 2.15 | 6.6

88.68 | 4.76 | 4.43 | 5.8

125.64 | 4.76 | 6.28 | 4.9

126.25 | 4.76 | 6.31 | 6.1

130.48 | 4.76 | 6.52 | 9

236.58 | 4.76 | 11.83 | 9.4

320.53 | 4.76 | 16.03 | 7

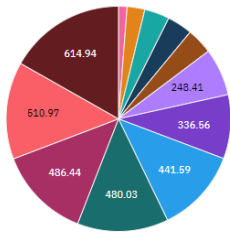
420.56 | 4.76 | 21.03 | 4.5

457.17 | 4.76 | 22.86 | 4.2

463.28 | 4.76 | 23.16 | 8.1

486.64 | 4.76 | 24.33 | 8.5

585.66 | 4.76 | 29.28 | 9.9



Analytics

Insights

Show average value

The average value of Total is 304.9.

Show meaningful differences

None found

WhatsApp Image...jpeg

Type here to search

27°C Mostly cloudy

8:31 PM 4/23/2023

Activate Windows  
Go to Settings to activate Windows.  
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