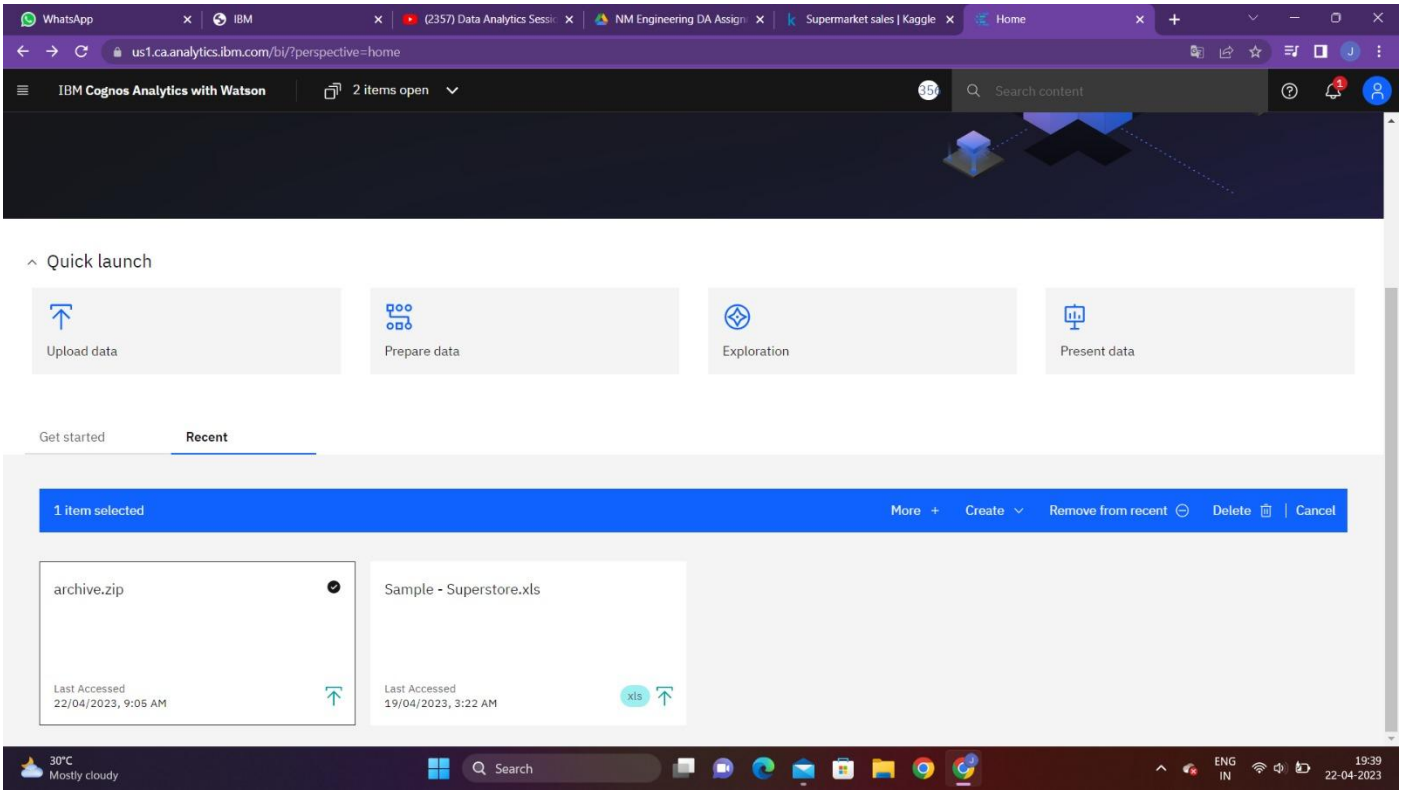
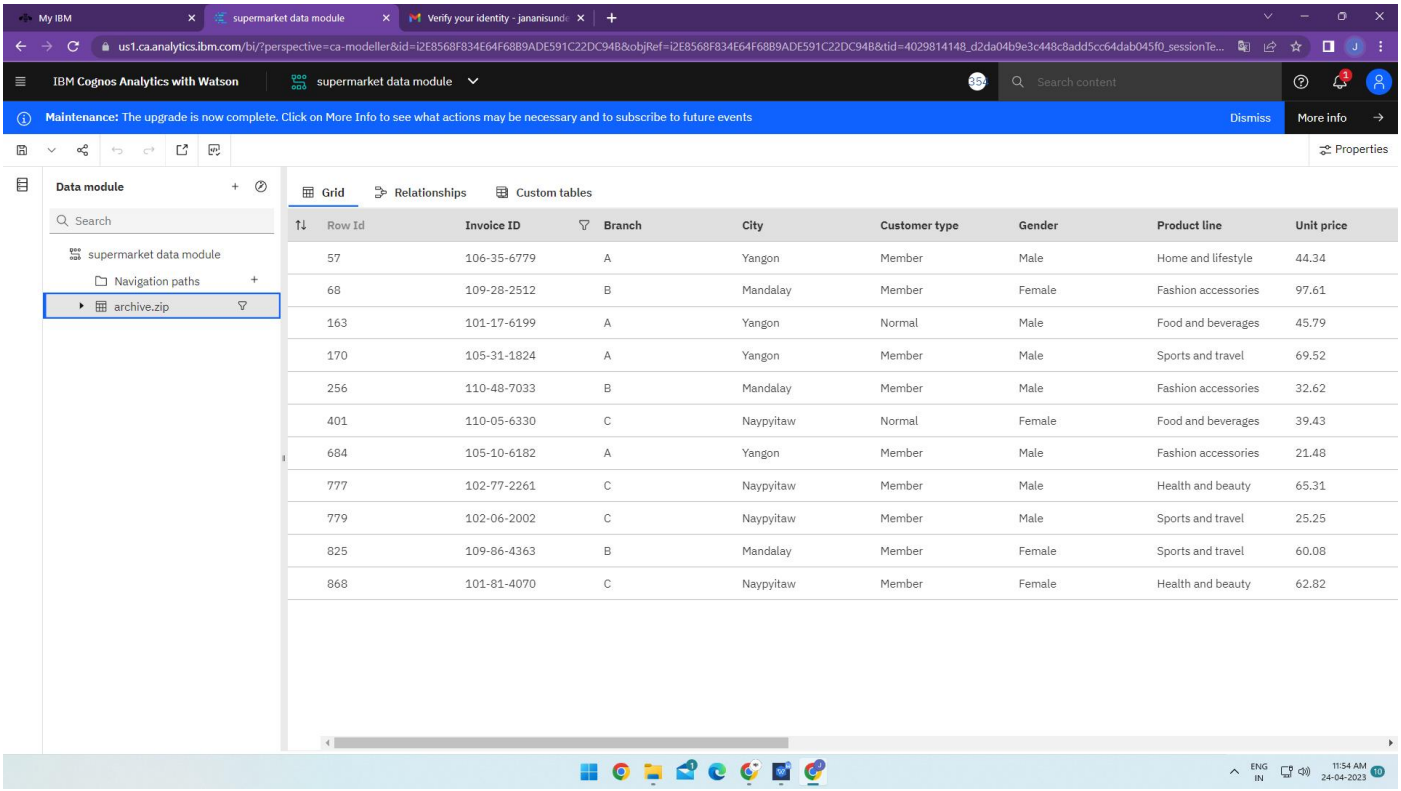
DA ASSIGNMENT 1

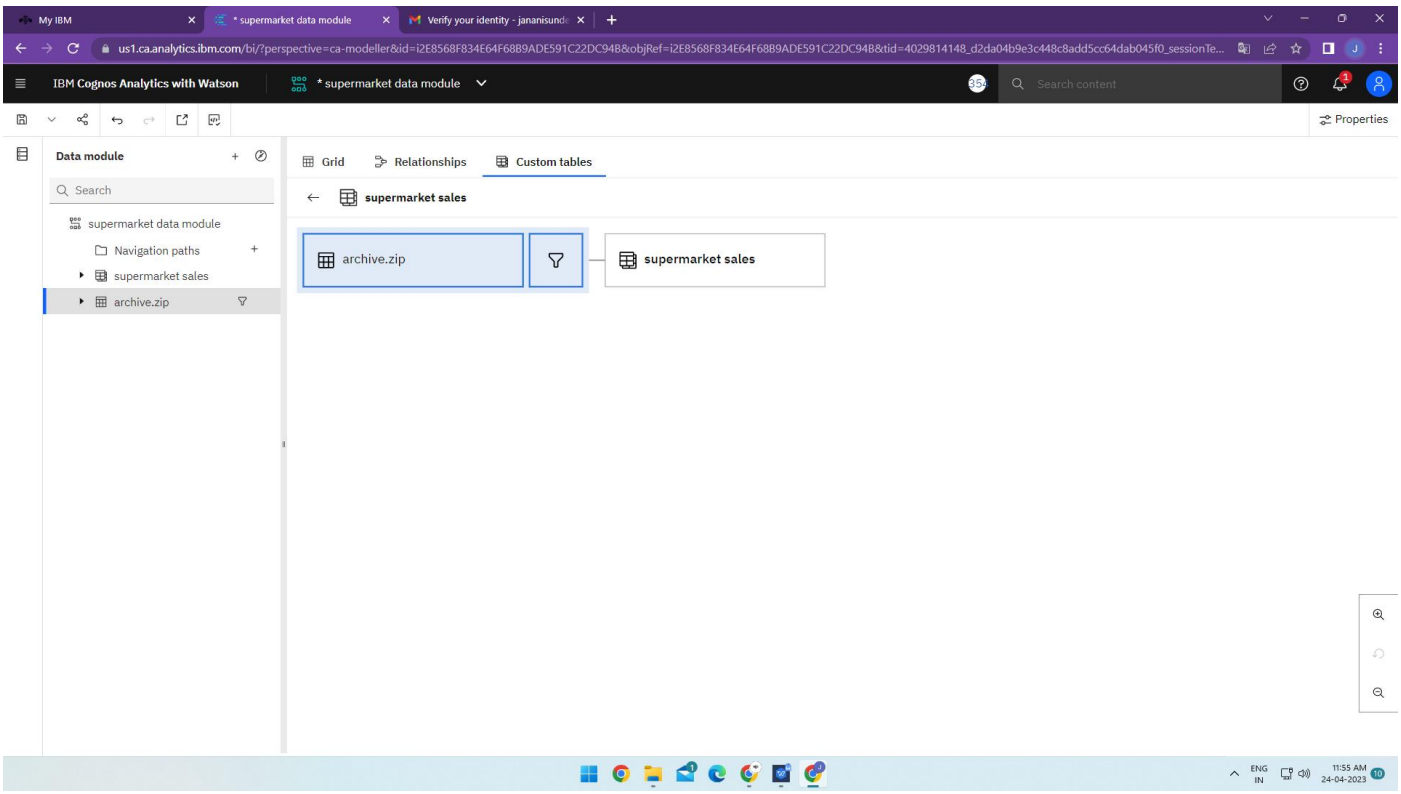
Step 1 : Uploading the dataset.



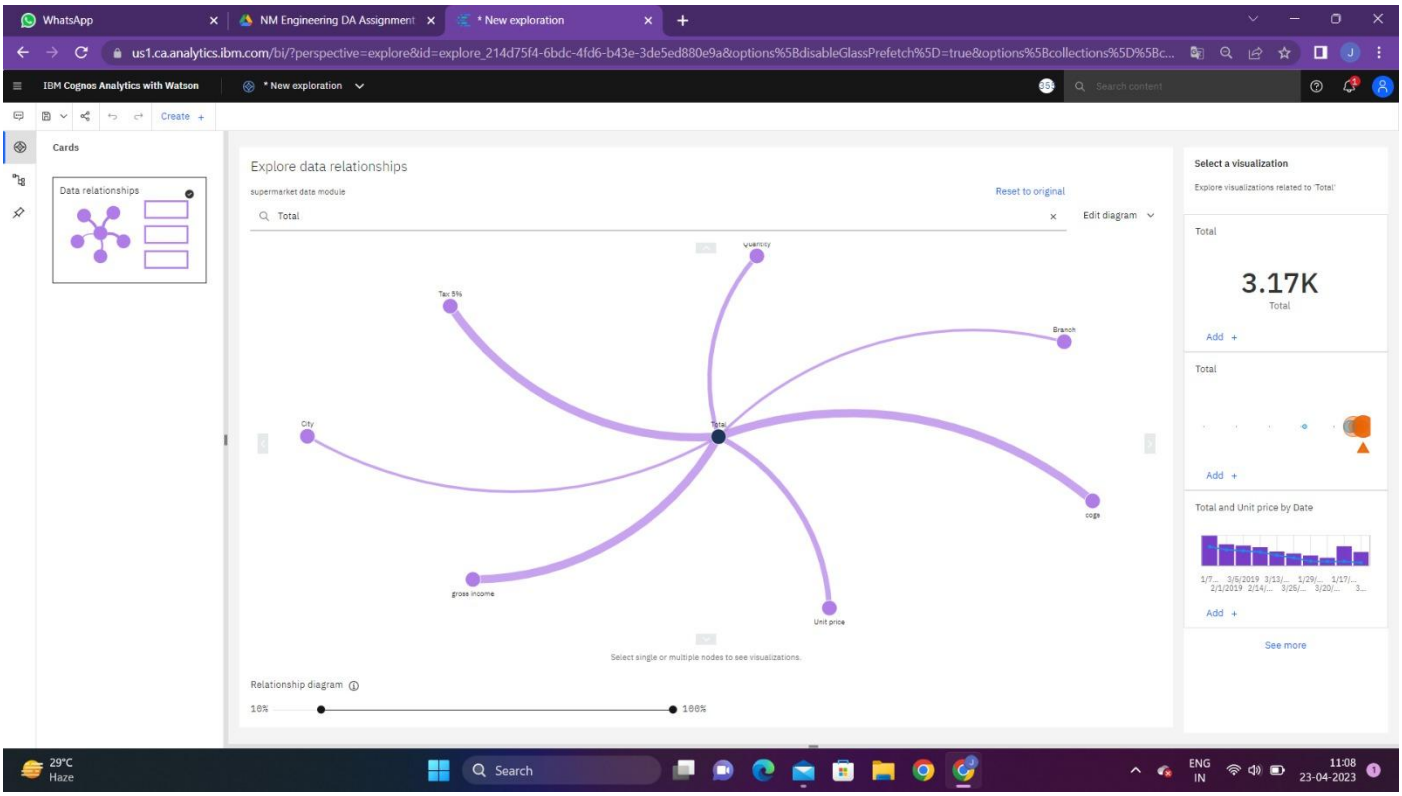
Step 2 : Clear the unnecessary data into dataset.



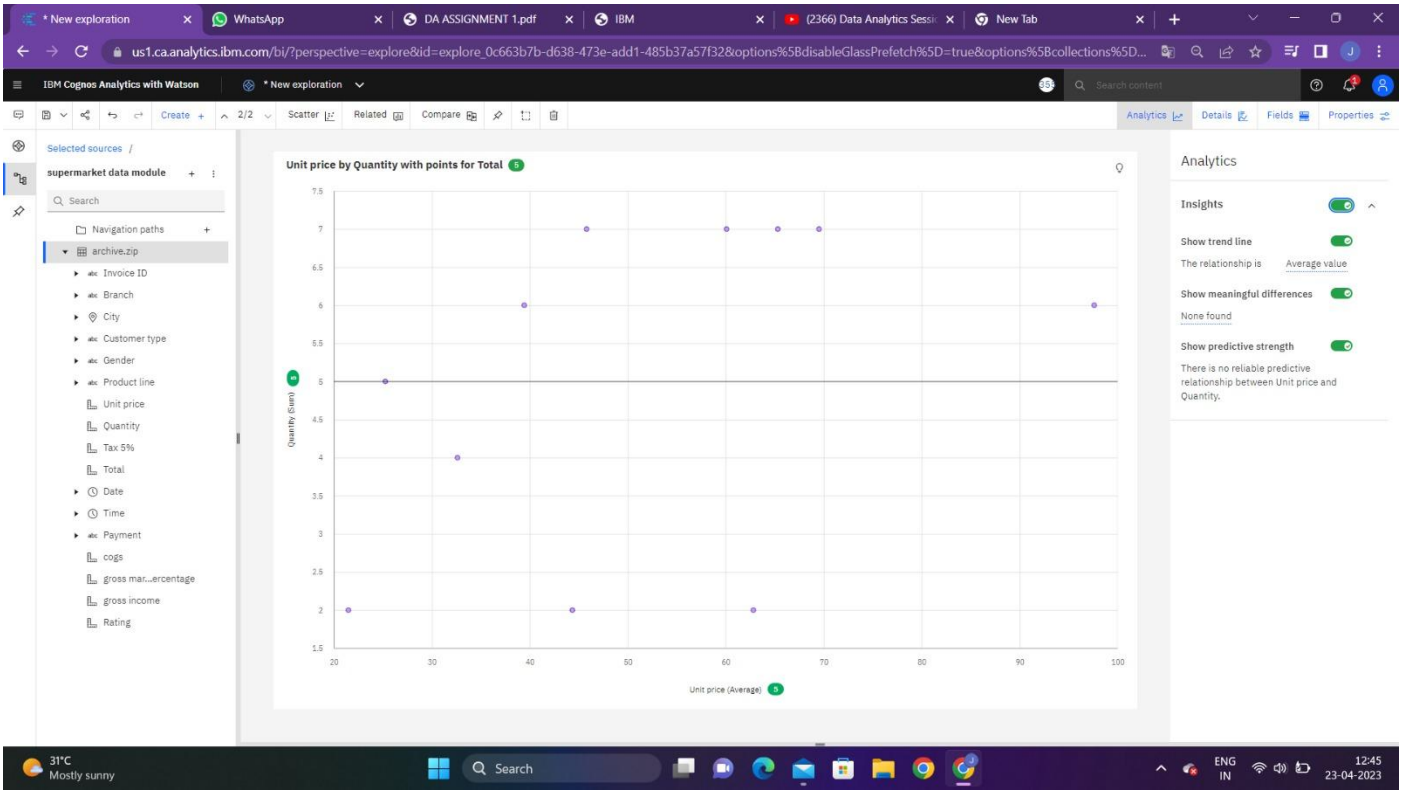
Step 3 : Creating a custom table to view its definition.

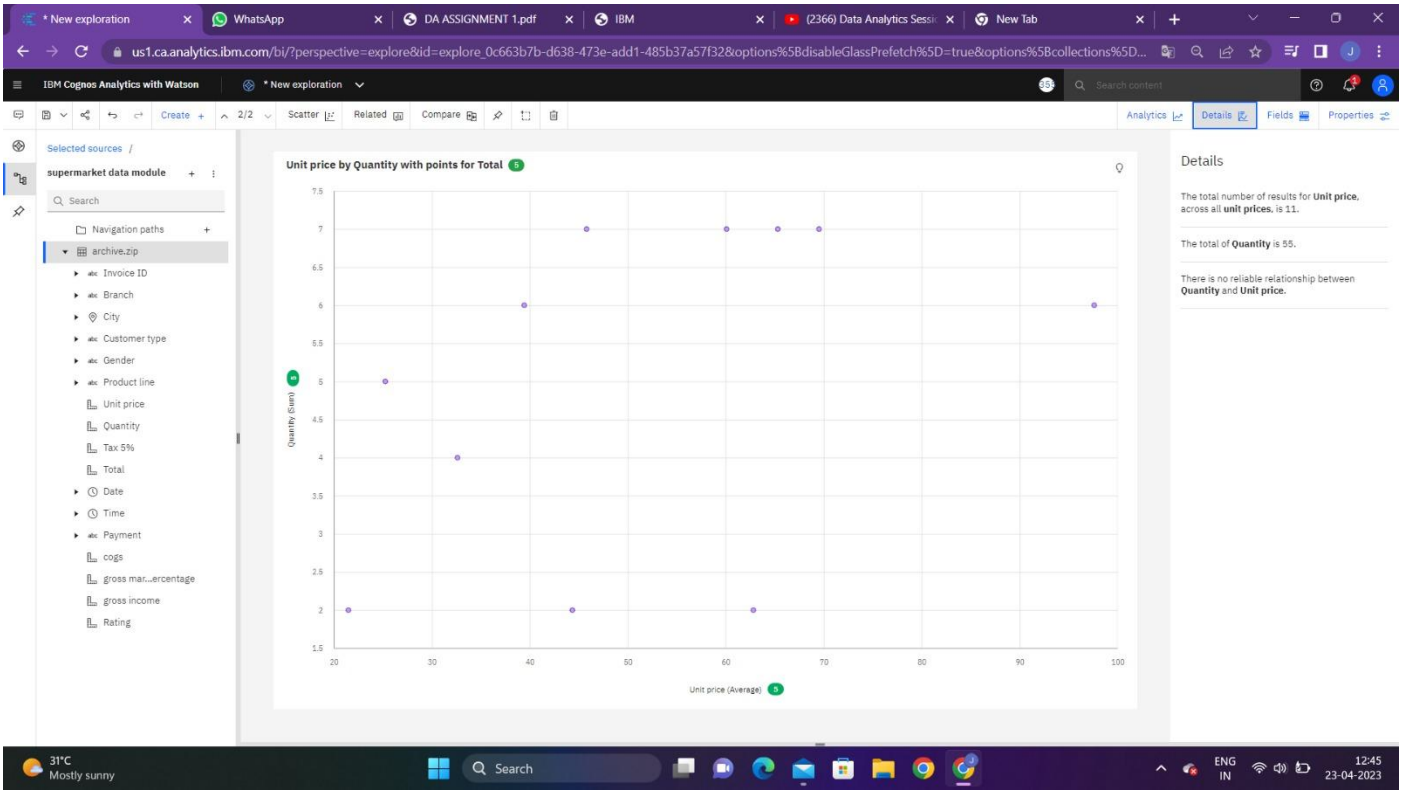


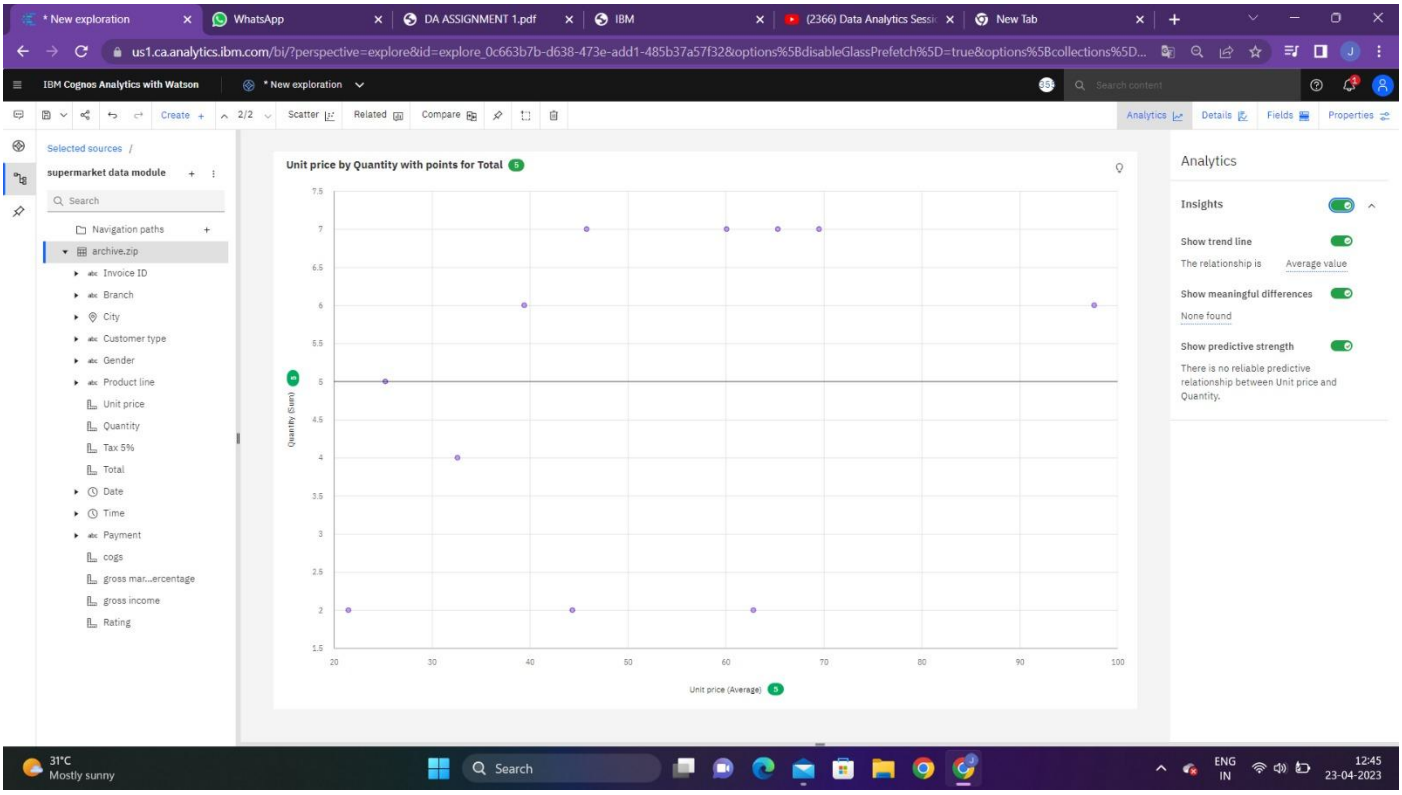
Step 4 : Data Exploration.



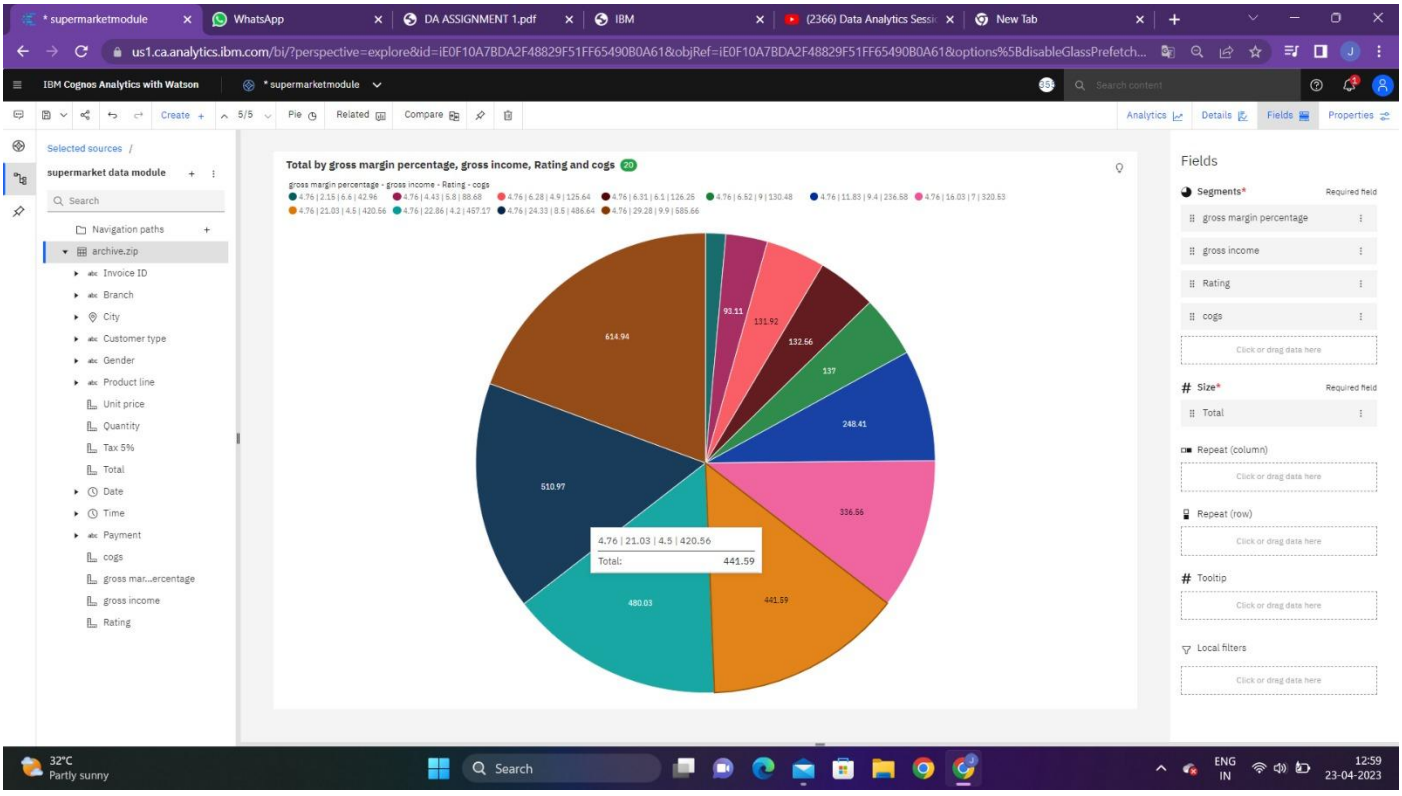
Step 5 : Visualization of Unit price by Quantity with points for total.

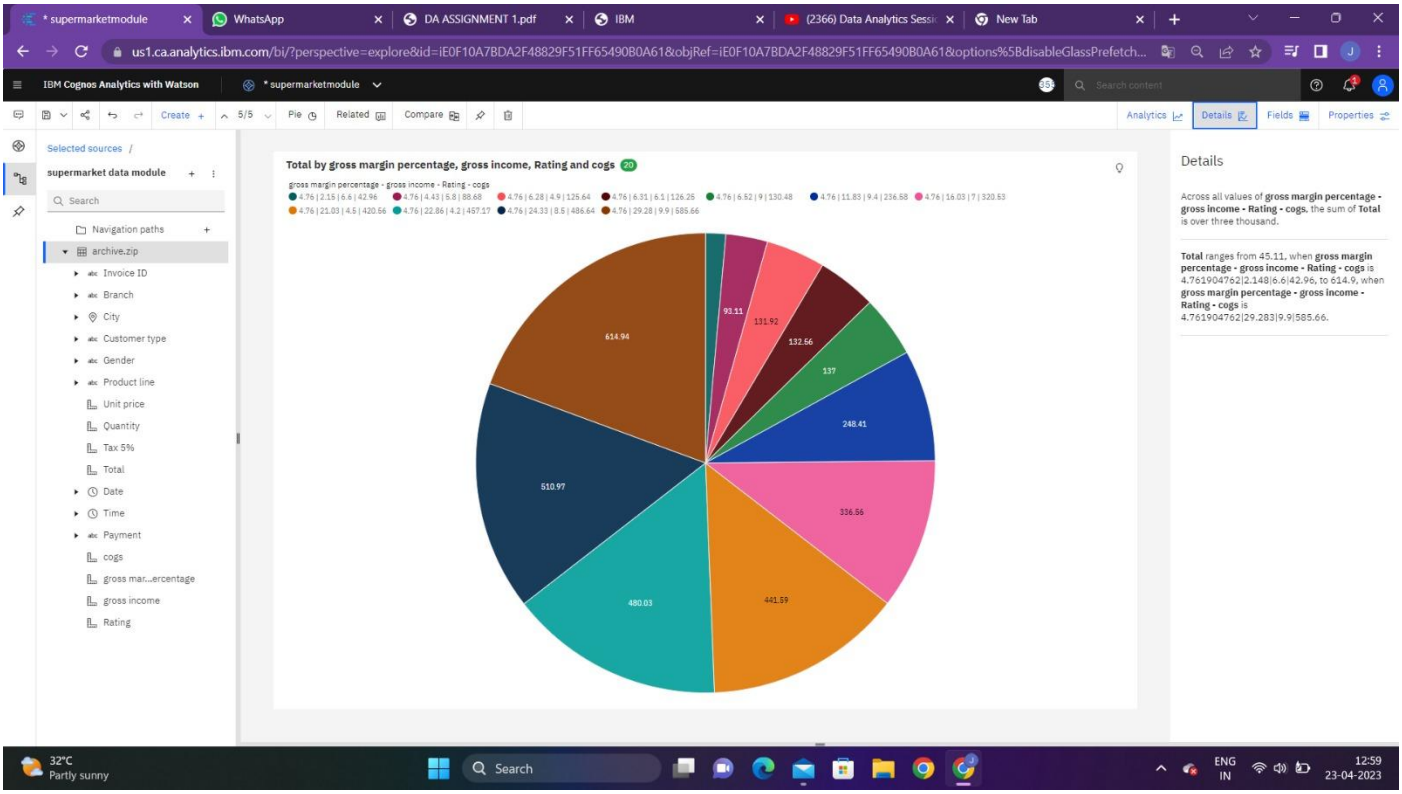






Step 6 : Visualization of Total by gross margin percentage, gross income, rating and cogs.




* supermarketmodule
WhatsApp
DA ASSIGNMENT 1.pdf
IBM
(2366) Data Analytics Sessi
New Tab
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IBM Cognos Analytics with Watson
* supermarketmodule
Search content
Create
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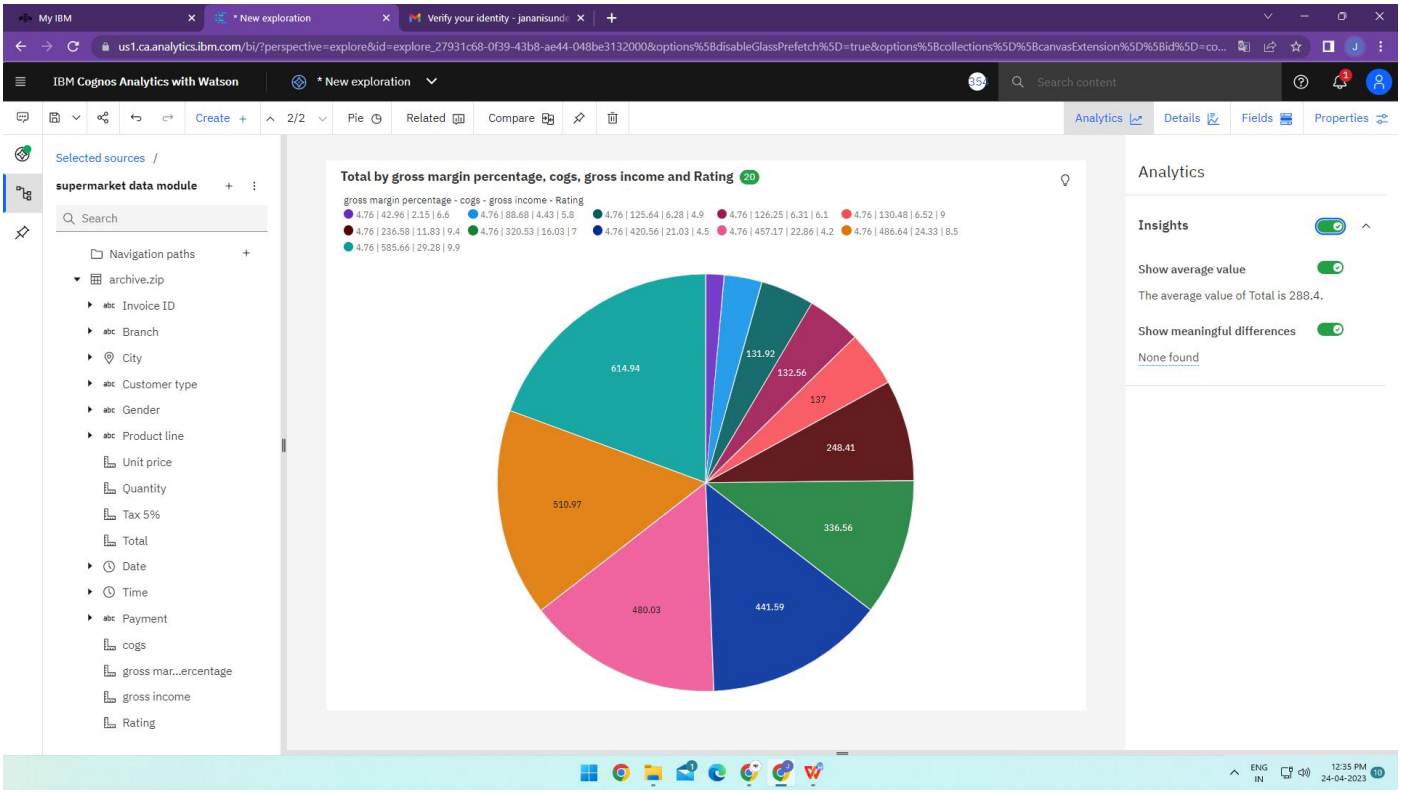
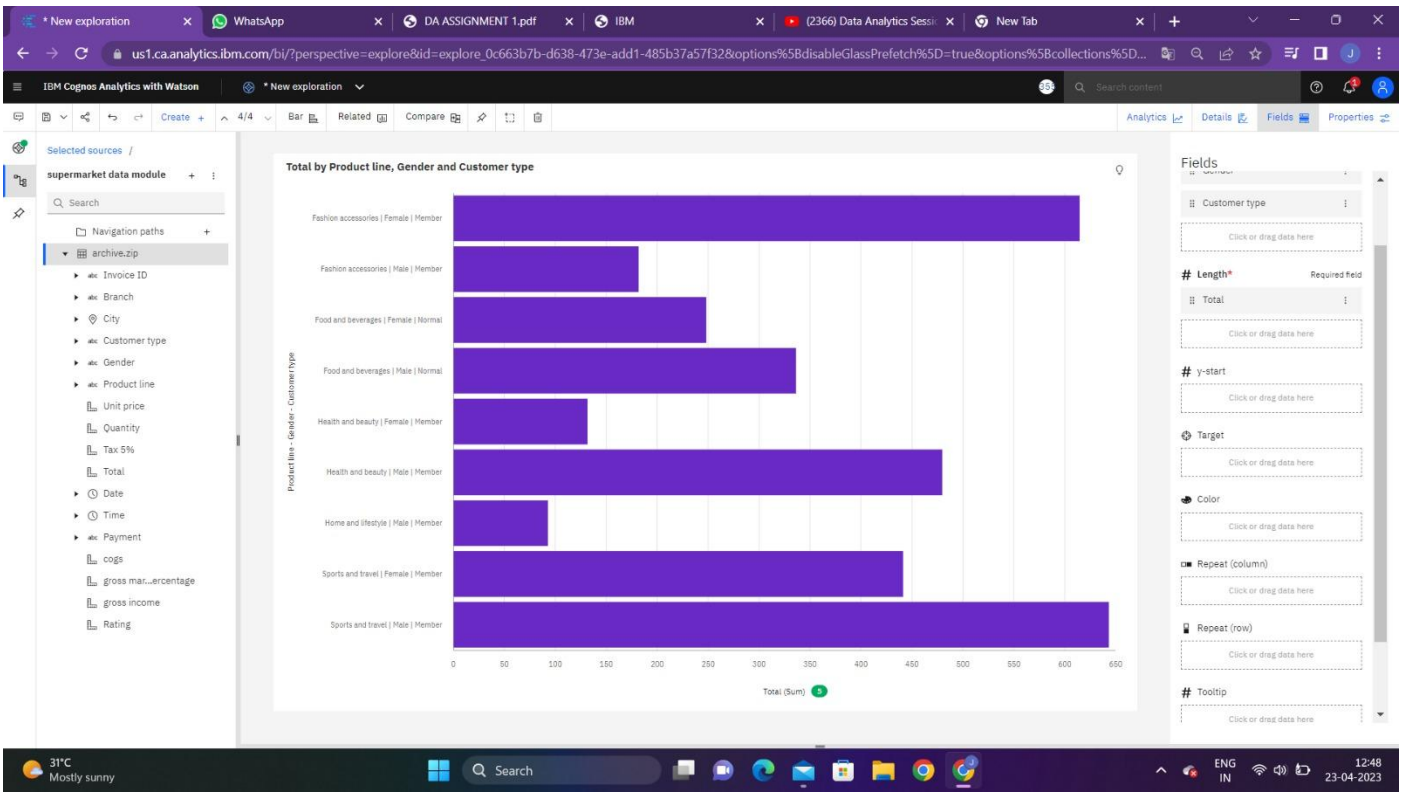
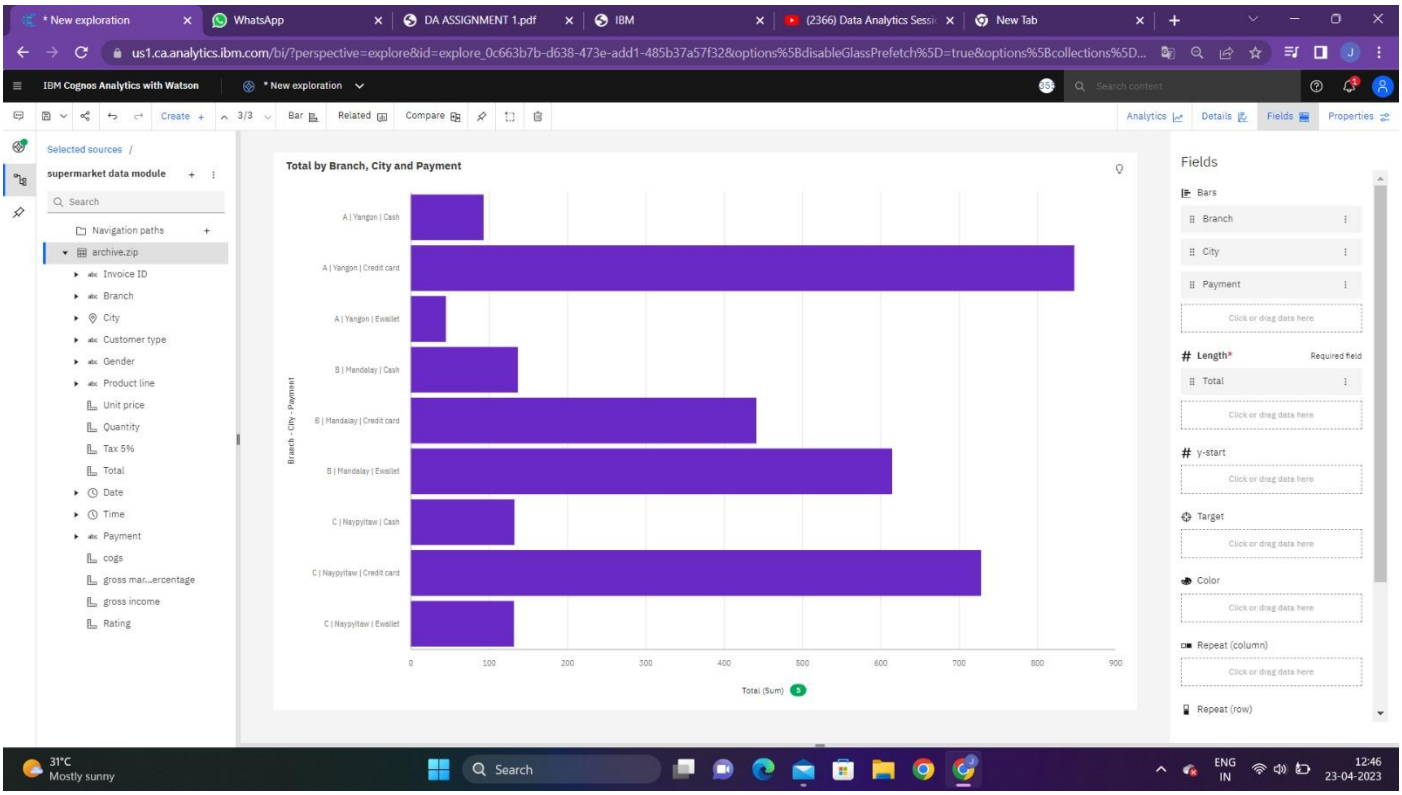
Pie
Related
Compare
Analytics
Details
Fields
Properties
Selected sources /
supermarket data module
Search
Navigation paths
archive.zip
Invoice ID
Branch
City
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Total
Date
Time
Payment
cogs
gross mar...ercentage
gross income
Rating
Total by gross margin percentage, gross income, Rating and cogs
20
gross margin percentage - gross income - Rating - cogs
4.76 | 2.15 | 6.6 | 42.96
4.76 | 4.43 | 5.8 | 88.68
4.76 | 6.28 | 4.9 | 125.64
4.76 | 6.31 | 6.1 | 126.25
4.76 | 6.52 | 9 | 130.48
4.76 | 11.83 | 9.4 | 236.58
4.76 | 16.03 | 7 | 320.53
4.76 | 21.03 | 4.5 | 420.56
4.76 | 22.86 | 4.2 | 457.17
4.76 | 24.33 | 8.5 | 486.64
4.76 | 29.28 | 9.9 | 585.66
93.11
131.92
132.56
137
248.41
336.56
441.59
480.03
510.97
614.94
Details
Across all values of gross margin percentage - gross income - Rating - cogs, the sum of Total is over three thousand.
Total ranges from 45.11, when gross margin percentage - gross income - Rating - cogs is 4.761904762|2.148|6.6|42.96, to 614.9, when gross margin percentage - gross income - Rating - cogs is 4.761904762|29.283|9.9|585.66.
32°C
Partly sunny
Search
ENG
IN
12:59
23-04-2023


My IBM
* New exploration
Verify your identity - jananisundc
us1.ca.analytics.ibm.com/bi/?perspective=explore&id=explore_27931c68-0f39-43b8-ae44-048be3132000&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5BcanvasExtension%5D%5Bid%5D=co...
IBM Cognos Analytics with Watson
* New exploration
Search content
Create
2/2
Pie
Related
Compare
Analytics
Details
Fields
Properties
Selected sources /
supermarket data module
Search
Navigation paths
archive.zip
Invoice ID
Branch
City
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Total
Date
Time
Payment
cogs
gross mar...ercentage
gross income
Rating
Total by gross margin percentage, cogs, gross income and Rating
20
gross margin percentage - cogs - gross income - Rating
4.76 | 42.96 | 2.15 | 6.6
4.76 | 88.68 | 4.43 | 5.8
4.76 | 125.64 | 6.28 | 4.9
4.76 | 126.25 | 6.31 | 6.1
4.76 | 130.48 | 6.52 | 9
4.76 | 236.58 | 11.83 | 9.4
4.76 | 320.53 | 16.03 | 7
4.76 | 420.56 | 21.03 | 4.5
4.76 | 457.17 | 22.86 | 4.2
4.76 | 486.64 | 24.33 | 8.5
4.76 | 585.66 | 29.28 | 9.9
131.92
132.56
137
248.41
336.56
441.59
480.03
510.97
614.94
Analytics
Insights
Show average value
The average value of Total is 288.4.
Show meaningful differences
None found
ENG
IN
12:35 PM
24-04-2023

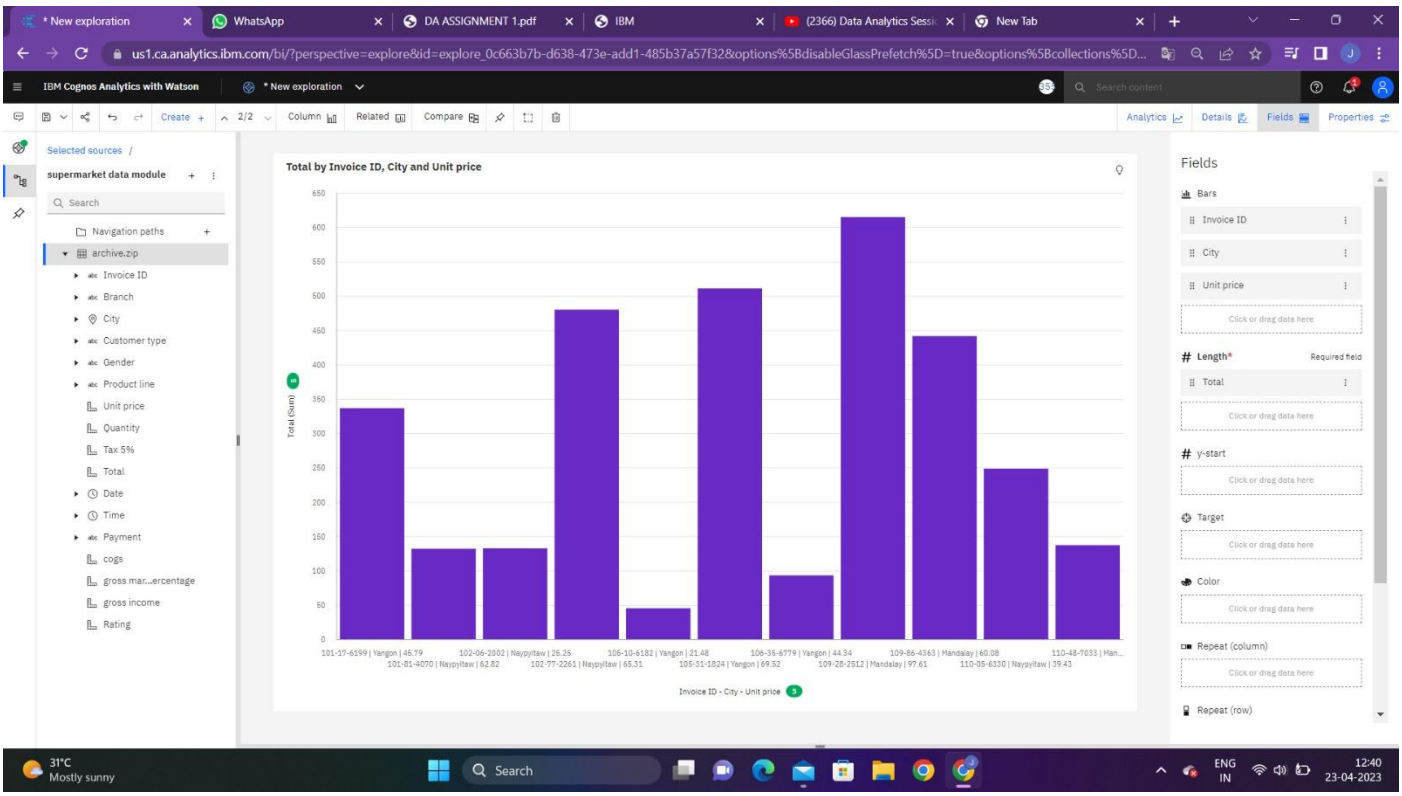
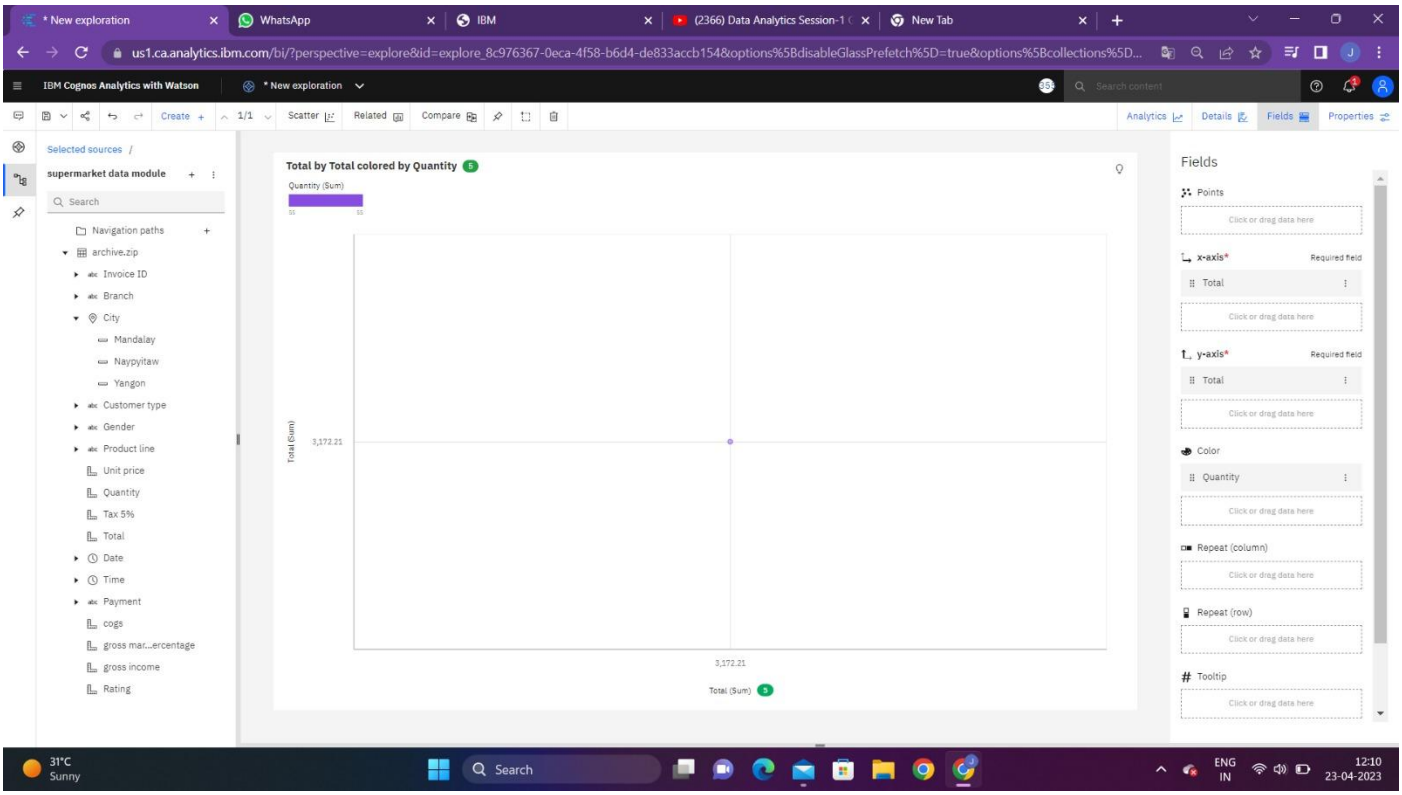
Step7: Visualization of Total by Product line, Gender and Customer type.



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



Step 9 : Visuaization of Total by Invoice id, City and unit price.



Step 10 : Visualization of Total by Quantity