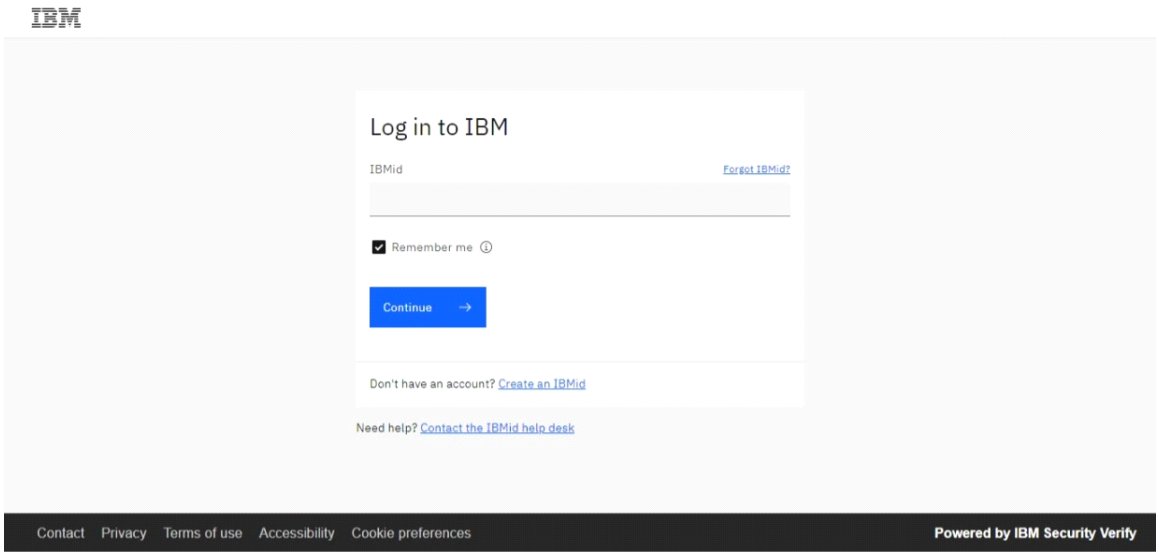
Domain: DATA ANALYTICS

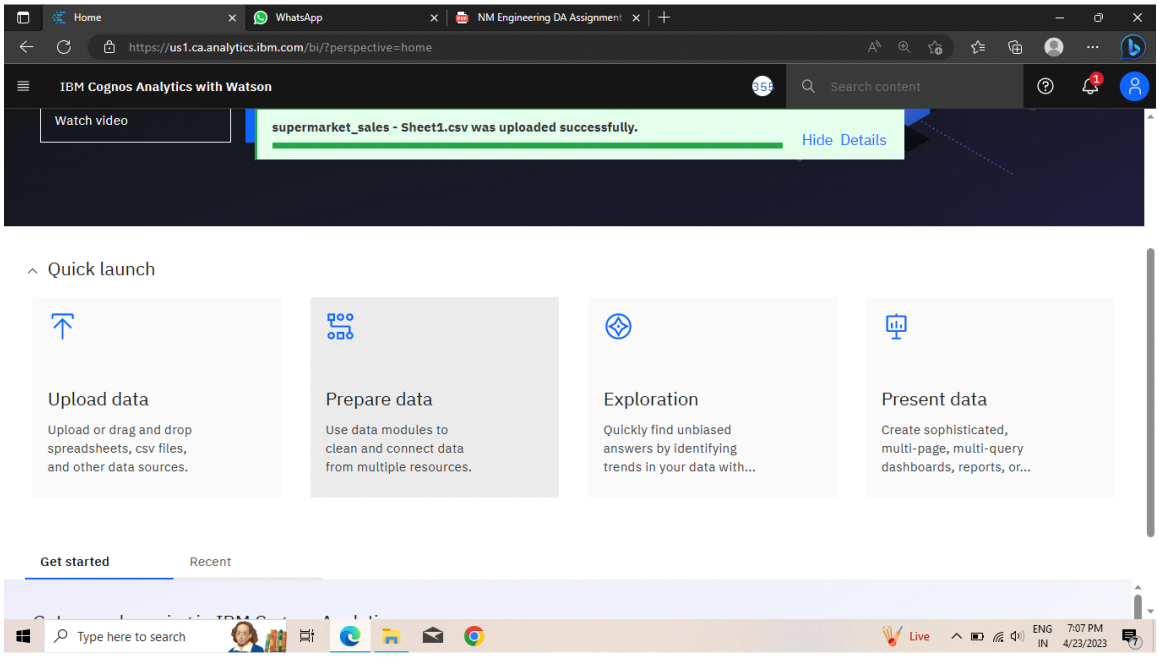
NAME: Dhanapal M

REG NO: 731120104008(20CSE08)

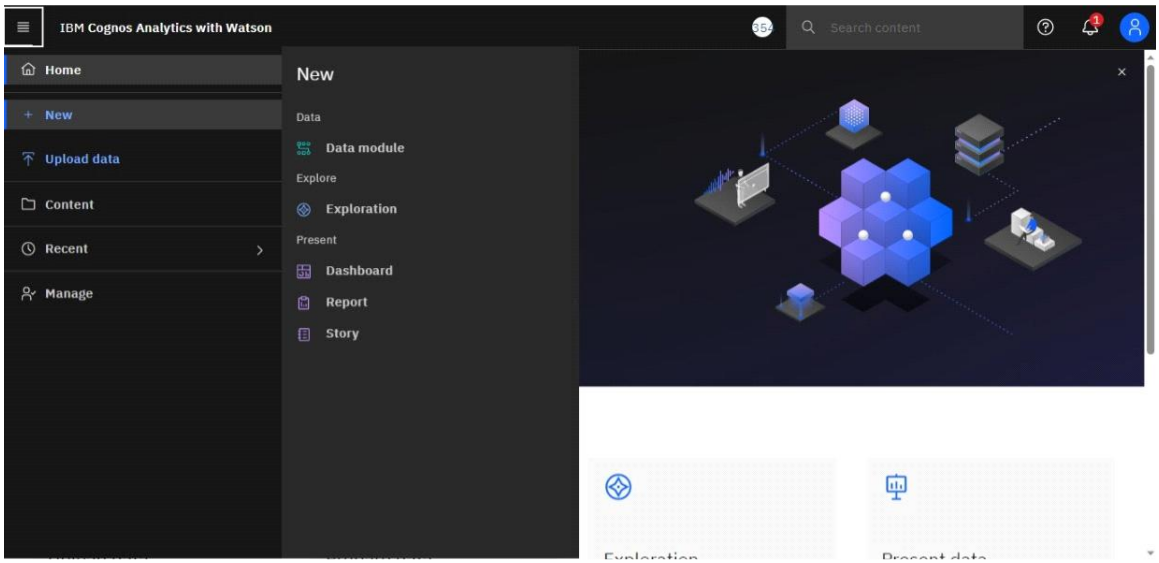
STEP:1 After downloaded the Supermarket_sale-Sheet1(Dataset),then login to IBM cognos account.



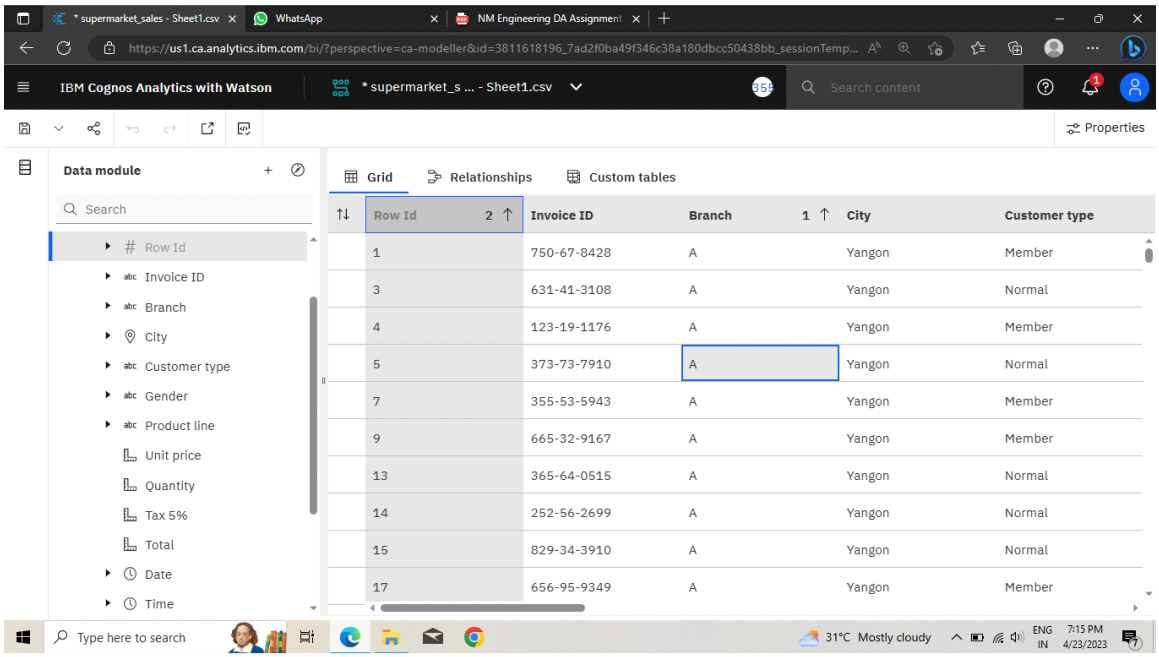
STEP:2 Then upload the dataset which was downloaded.



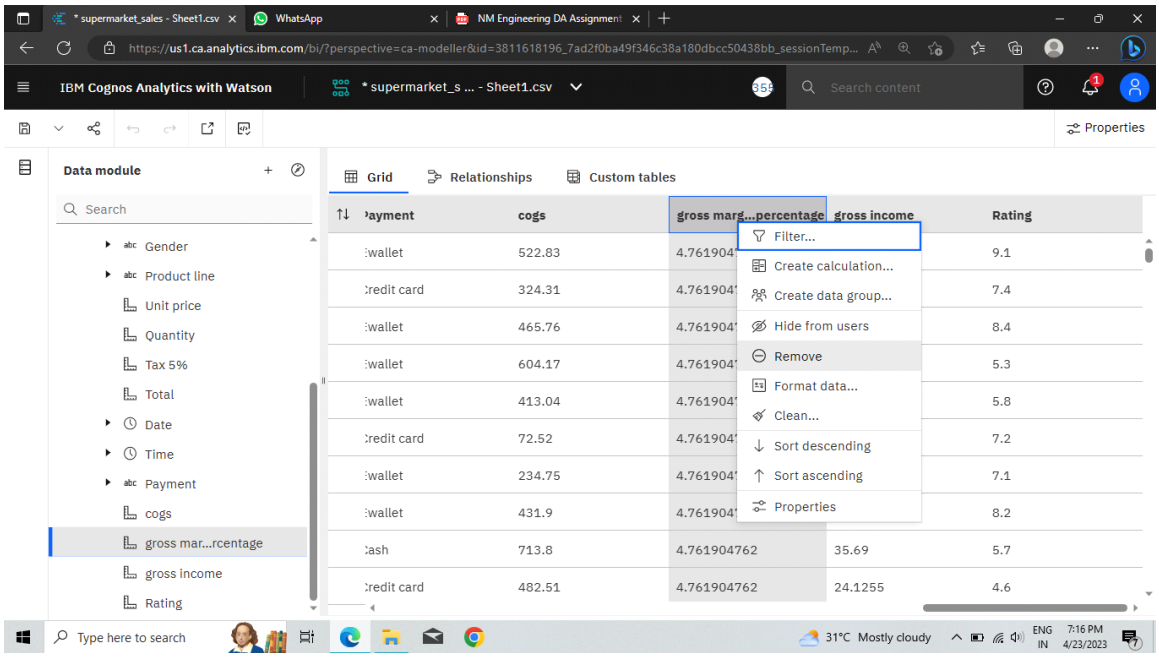
STEP:3 Then In menu select New->Data module->My content



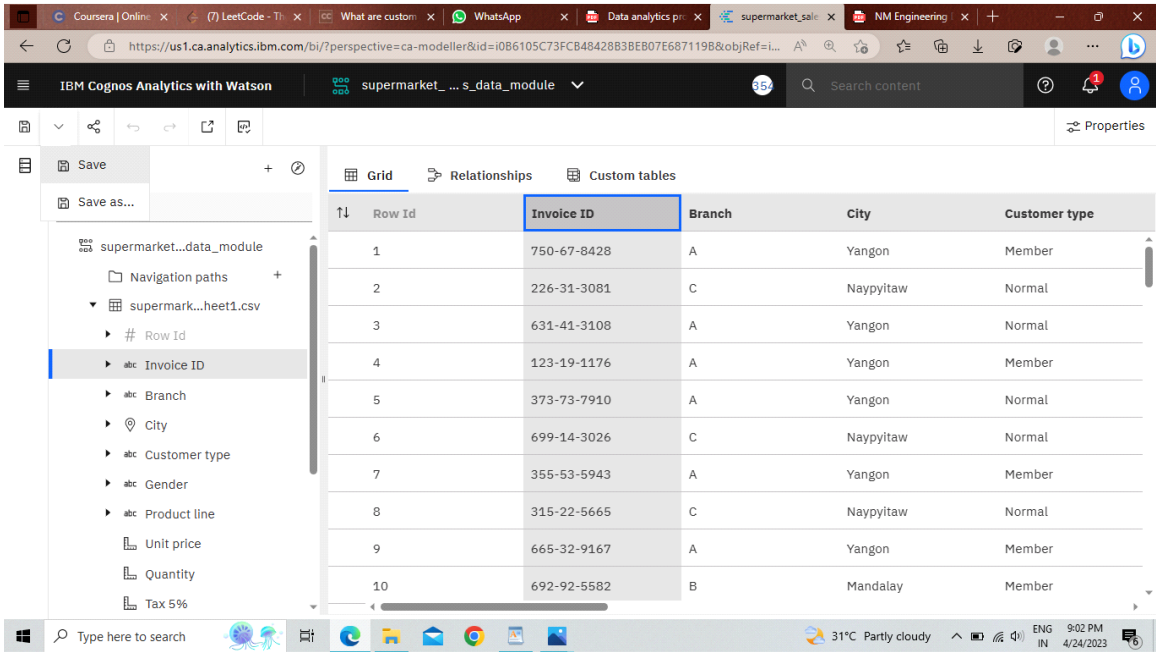
STEP:4 :Select source and add it ,open data module and select GRID.



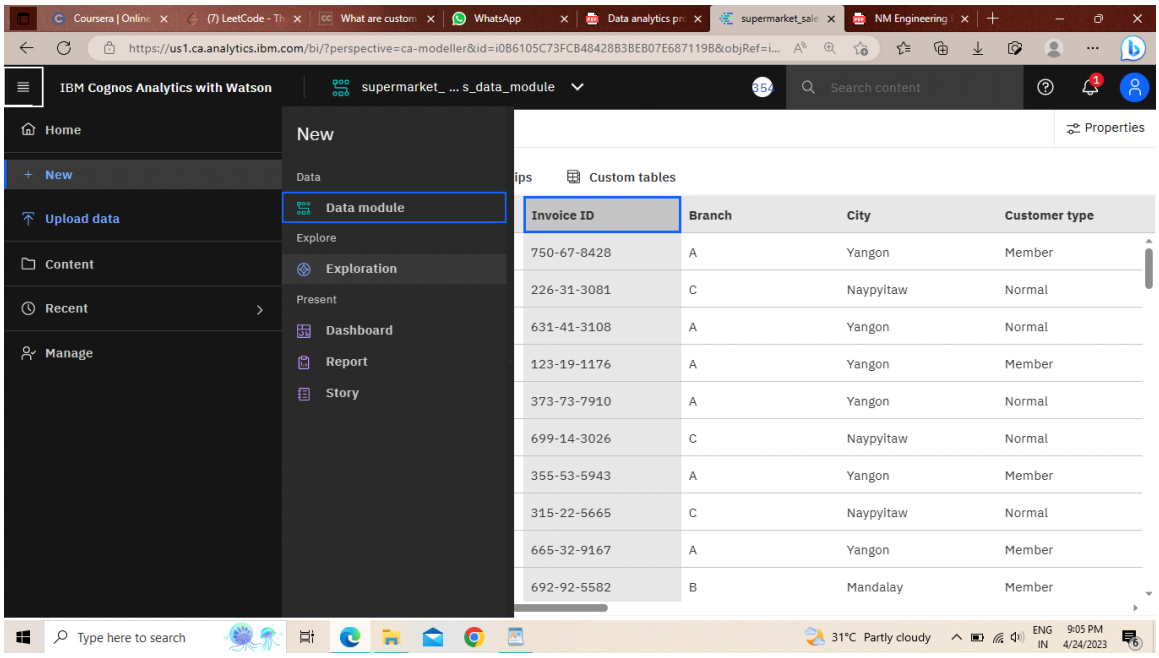
STEP:5 Remove the unnecessary columns.



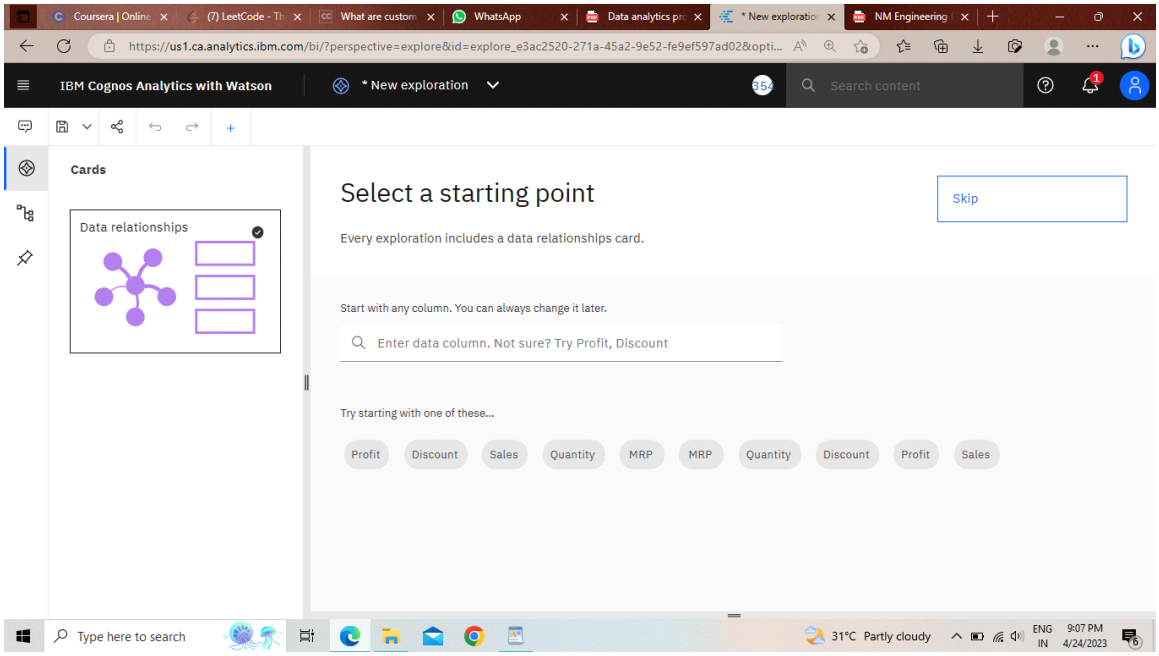
STEP:6 After removing Save the data module in My content.



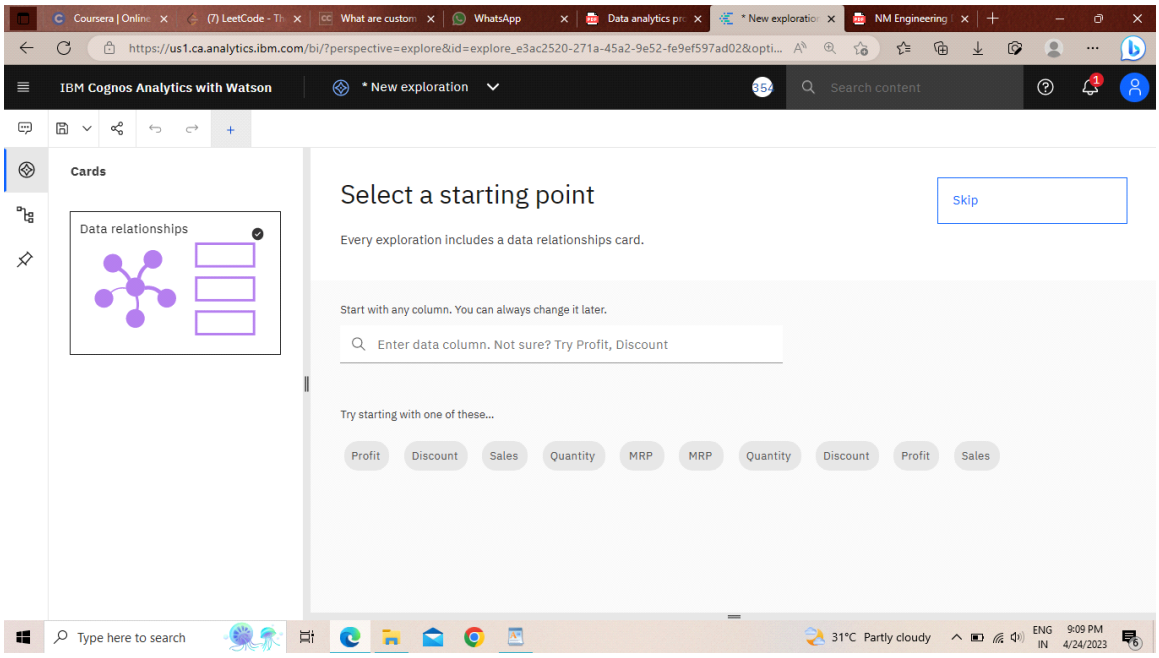
STEP:7 After saving,In menu Select->New->Exploration.



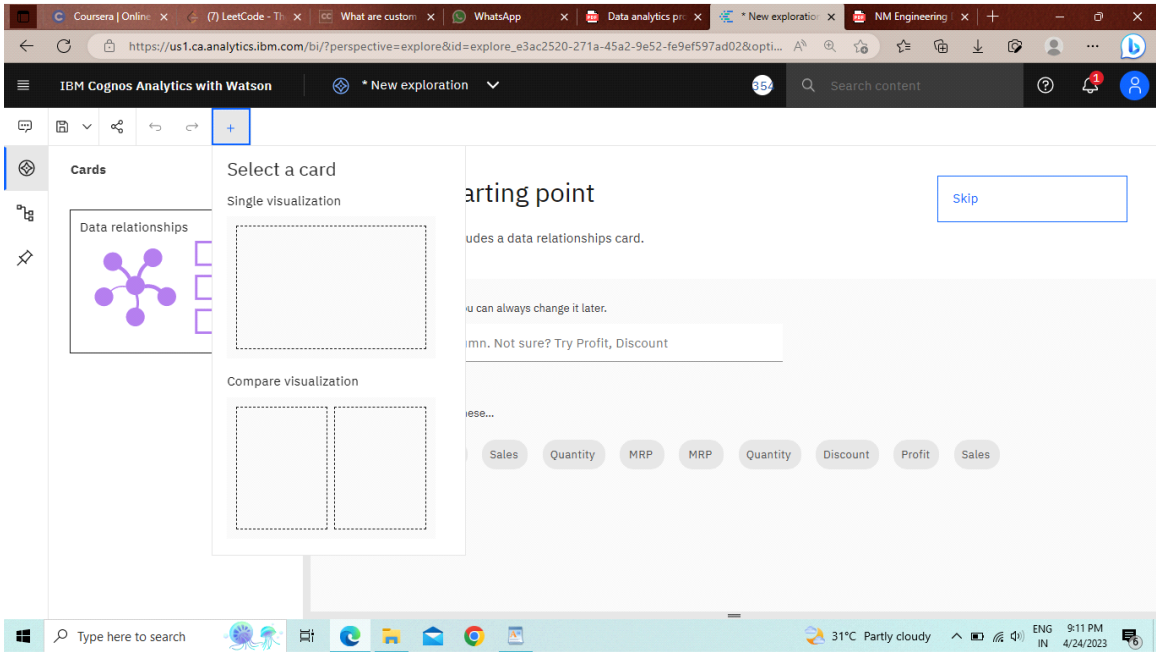
STEP:8:Then it will take to starting page of exploration



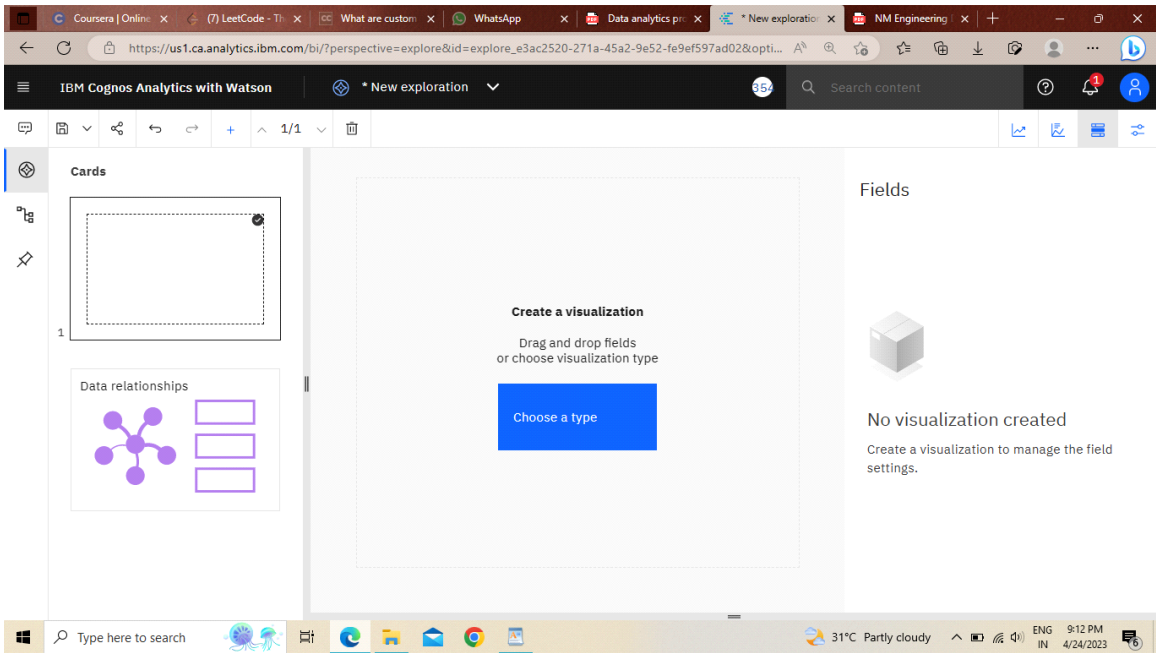
STEP:9 : Select '+' symbol to select visulazation.



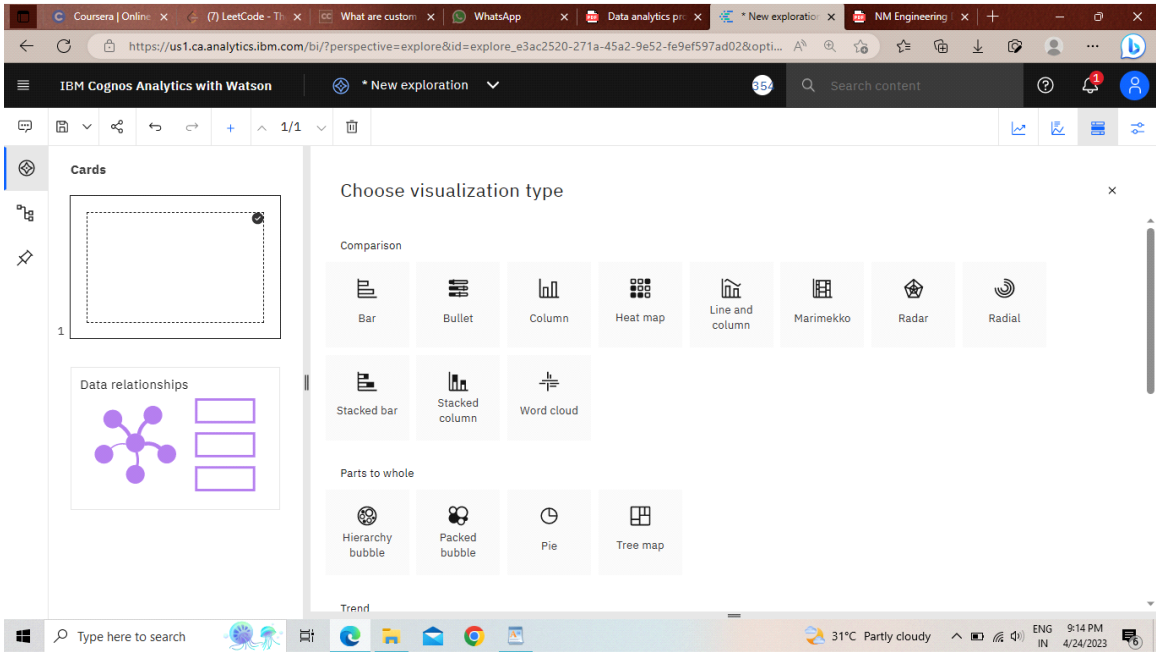
STEP:10 Select any visualization as your wish.



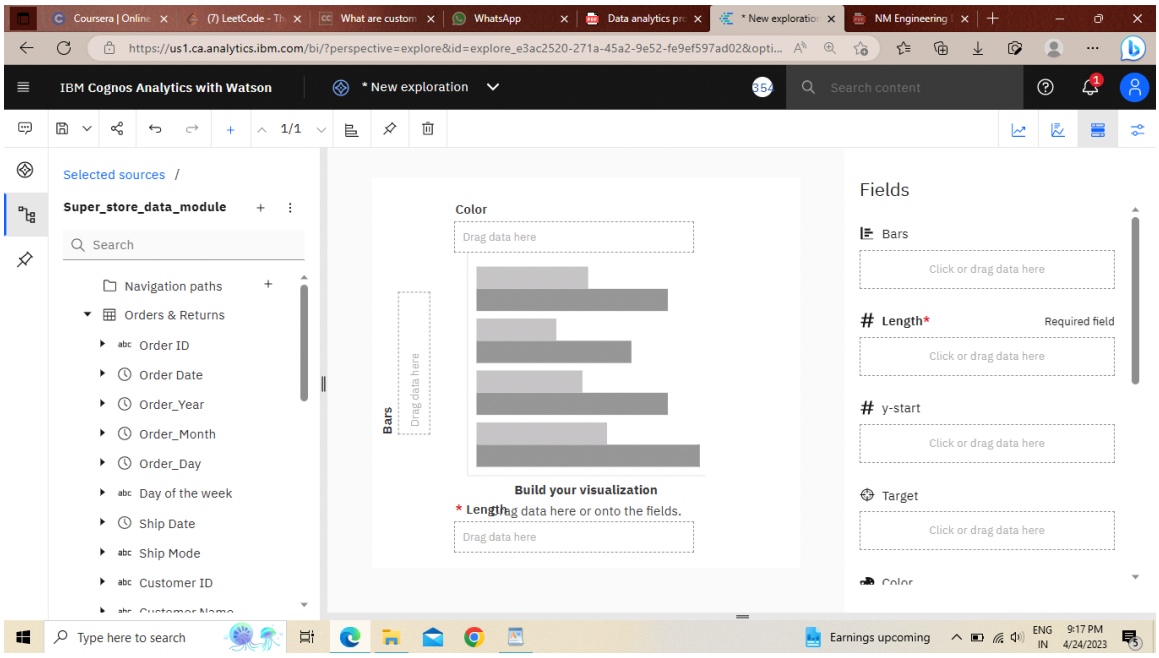
STEP:11 Then we have to choose visualization type by clicking choose type button.



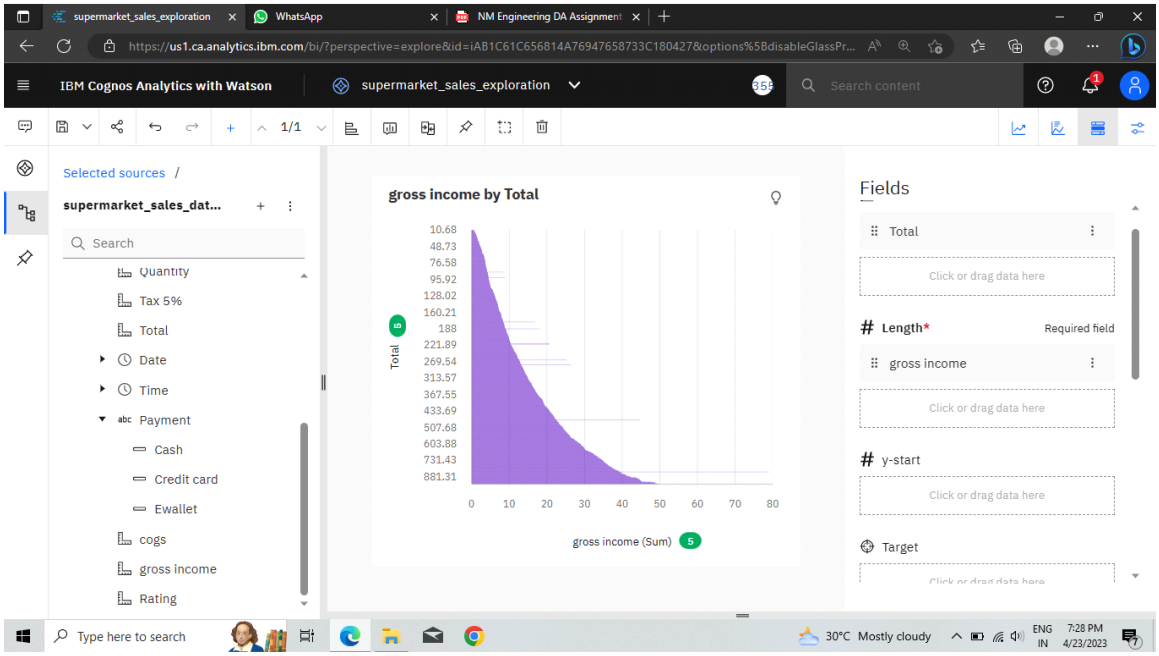
STEP:12 You can select any visualization type showed below.

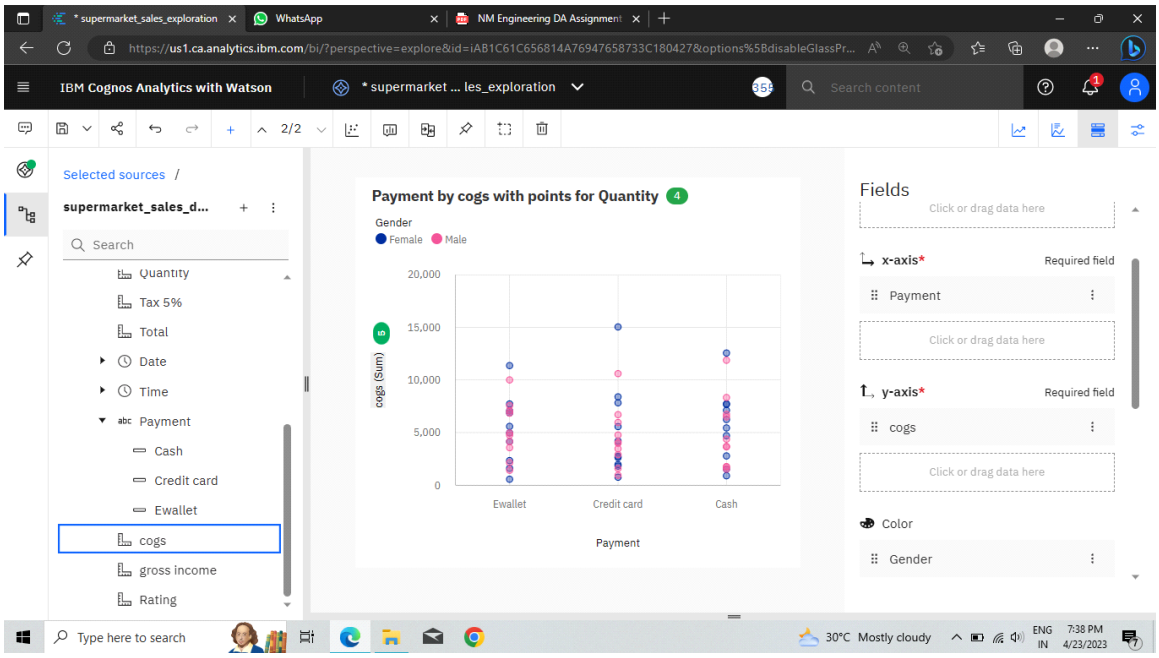


STEP:13 :After selecting visualization type ,you can create visualization by drag and drop.



STEP:14 Then you need to create atleast 5 different visualization.




IBM Cognos Analytics with Watson
Selected sources
supermarket_sales_d...
Search
Quantity
Tax 5%
Total
Date
Time
Payment
Cash
Credit card
Ewallet
cogs
gross income
Rating
Payment by cogs with points for Quantity
Gender
Female
Male
cogs (Sum)
20,000
15,000
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Credit card
Cash
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x-axis*
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y-axis*
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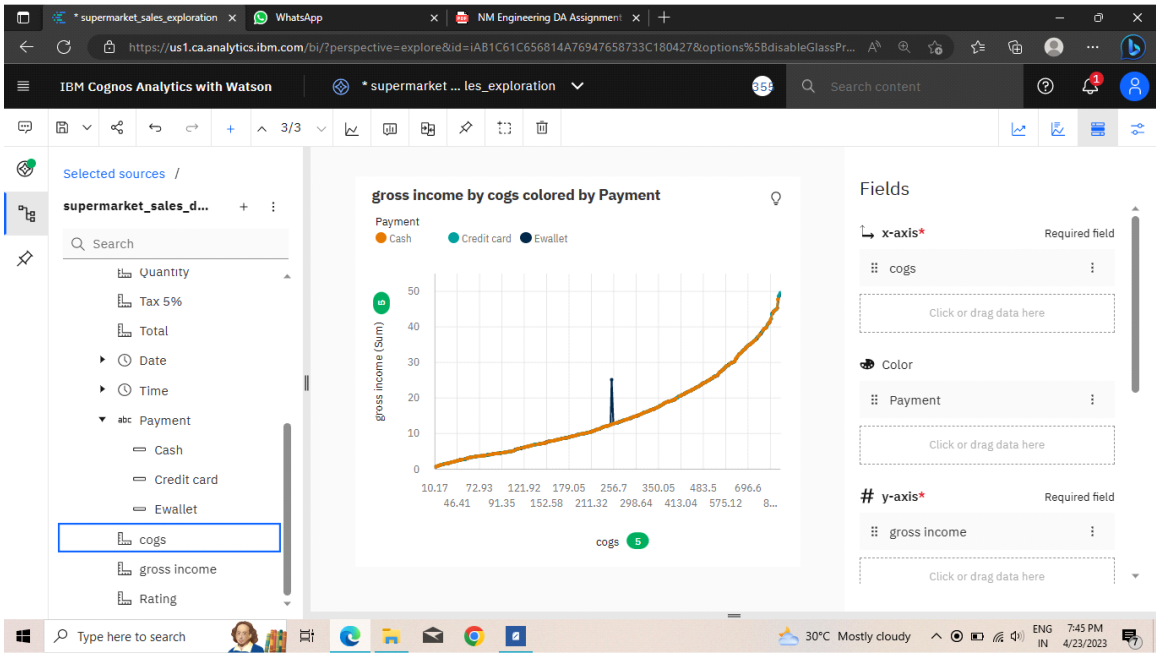
Color
Gender


IBM Cognos Analytics with Watson
Selected sources
supermarket_sales_d...
Search
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Rating
gross income by cogs colored by Payment
Payment
Cash
Credit card
Ewallet
gross income (Sum)
50
40
30
20
10
0
10.17
72.93
121.92
179.05
256.7
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696.6
46.41
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152.58
211.32
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Color
Payment
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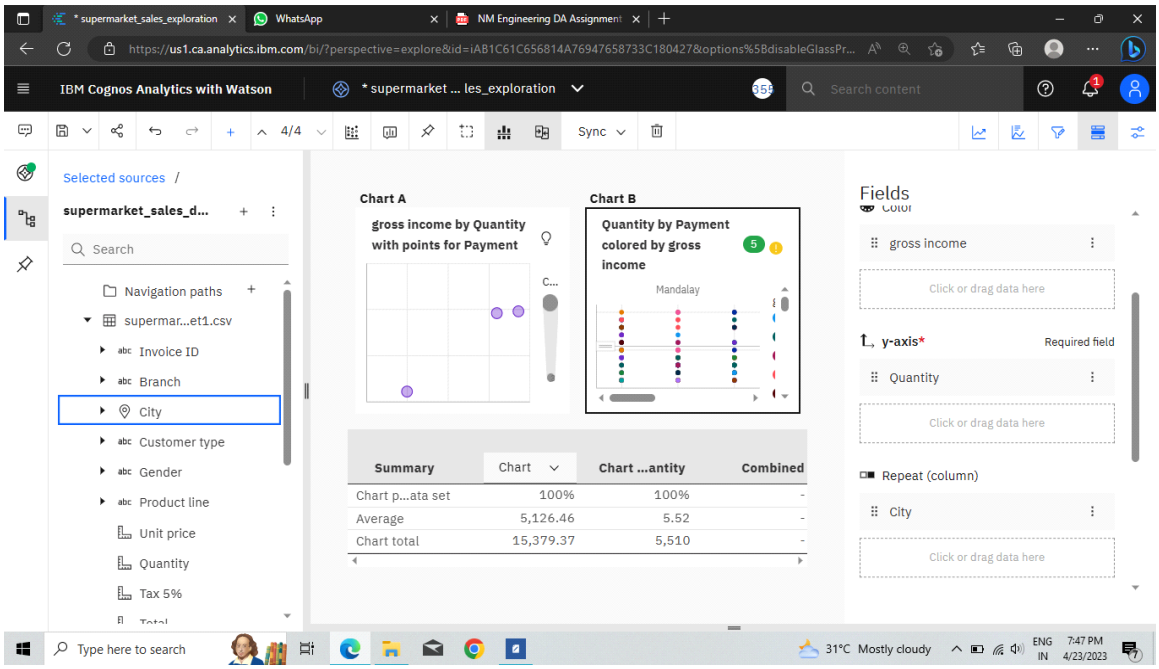
gross income

Comparison:


IBM Cognos Analytics with Watson
Selected sources
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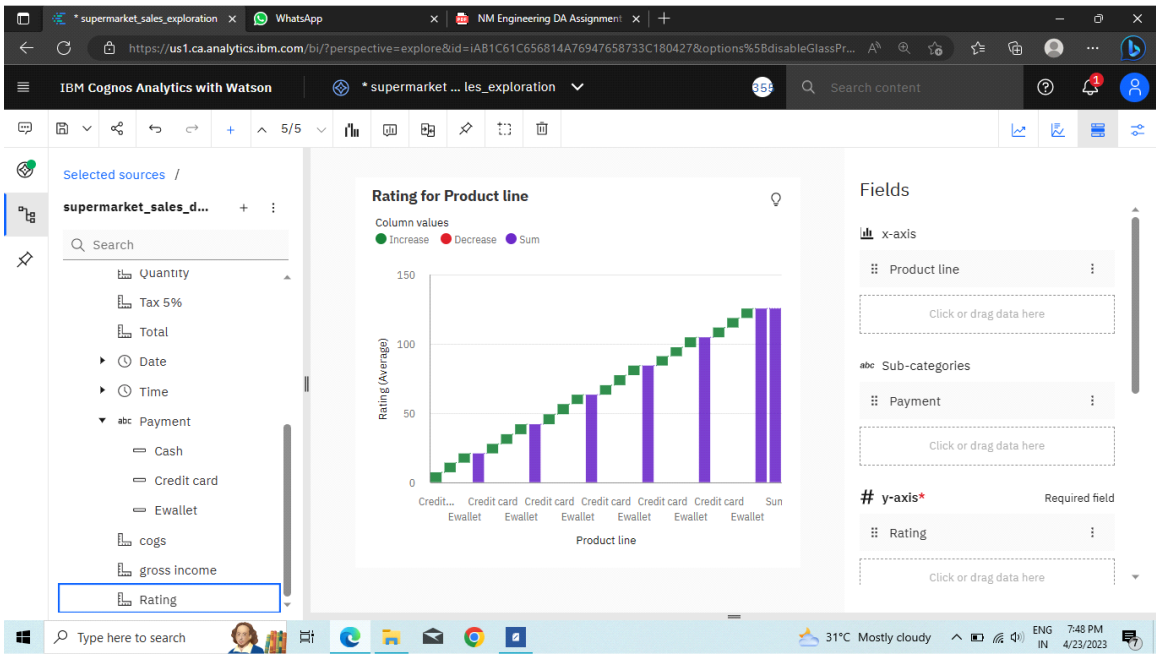
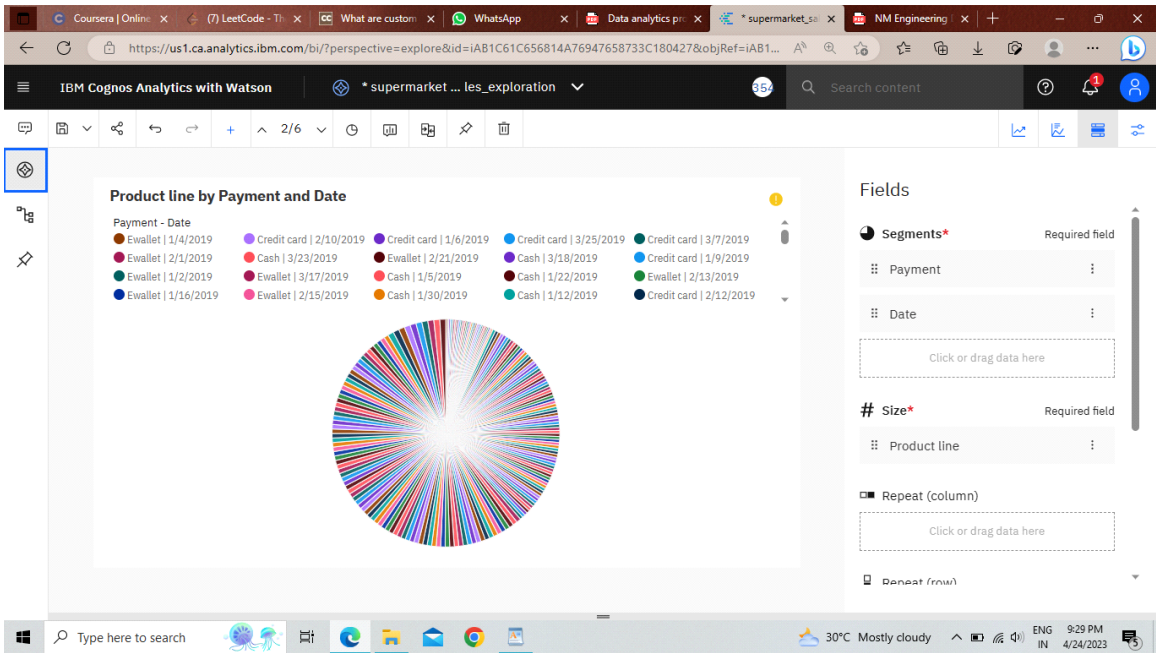
Invoice ID
Branch
City
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Chart A
gross income by Quantity with points for Payment
Chart B
Quantity by Payment colored by gross income
Mandalay
Summary
Chart
Chart ...antity
Combined
Chart p...ata set
100%
100%
Average
5,126.46
5.52
Chart total
15,379.37
5,510
Fields
gross income
Click or drag data here
y-axis*
Required field
Quantity
Repeat (column)
City
Type here to search
31°C Mostly cloudy
ENG IN
7:47 PM
4/23/2023


IBM Cognos Analytics with Watson
Selected sources
supermarket_sales_d...
Search
Quantity
Tax 5%
Total
Date
Time
Payment
Cash
Credit card
Ewallet
cogs
gross income
Rating
Rating for Product line
Column values
Increase
Decrease
Sum
Rating (Average)
150
100
50
0
Credit... Ewallet
Credit card Ewallet
Credit card Ewallet
Credit card Ewallet
Credit card Ewallet
Credit card Ewallet
Sun
Product line
Fields
x-axis
Product line
Sub-categories
Payment
y-axis*
Required field
Rating
Type here to search
31°C Mostly cloudy
ENG IN
7:48 PM
4/23/2023


IBM Cognos Analytics with Watson
* supermarket ... les_exploration
Search content
Product line by Payment and Date
Payment - Date
Ewallet | 1/4/2019
Credit card | 2/10/2019
Credit card | 1/6/2019
Credit card | 3/25/2019
Credit card | 3/7/2019
Ewallet | 2/1/2019
Cash | 3/23/2019
Ewallet | 2/21/2019
Cash | 3/18/2019
Credit card | 1/9/2019
Ewallet | 1/2/2019
Ewallet | 3/17/2019
Cash | 1/5/2019
Cash | 1/22/2019
Ewallet | 2/13/2019
Ewallet | 1/16/2019
Ewallet | 2/15/2019
Cash | 1/30/2019
Cash | 1/12/2019
Credit card | 2/12/2019
Fields
Segments*
Required field
Payment
Date
Click or drag data here
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Product line
Repeat (column)
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30°C Mostly cloudy
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4/24/2023