DATA VISUALIZATION ON SUPERMARKET SALES ANALYSIS

NAME : SUDHARSANAN.V

IBM ID : 2k20cse189@kiot.ac.in

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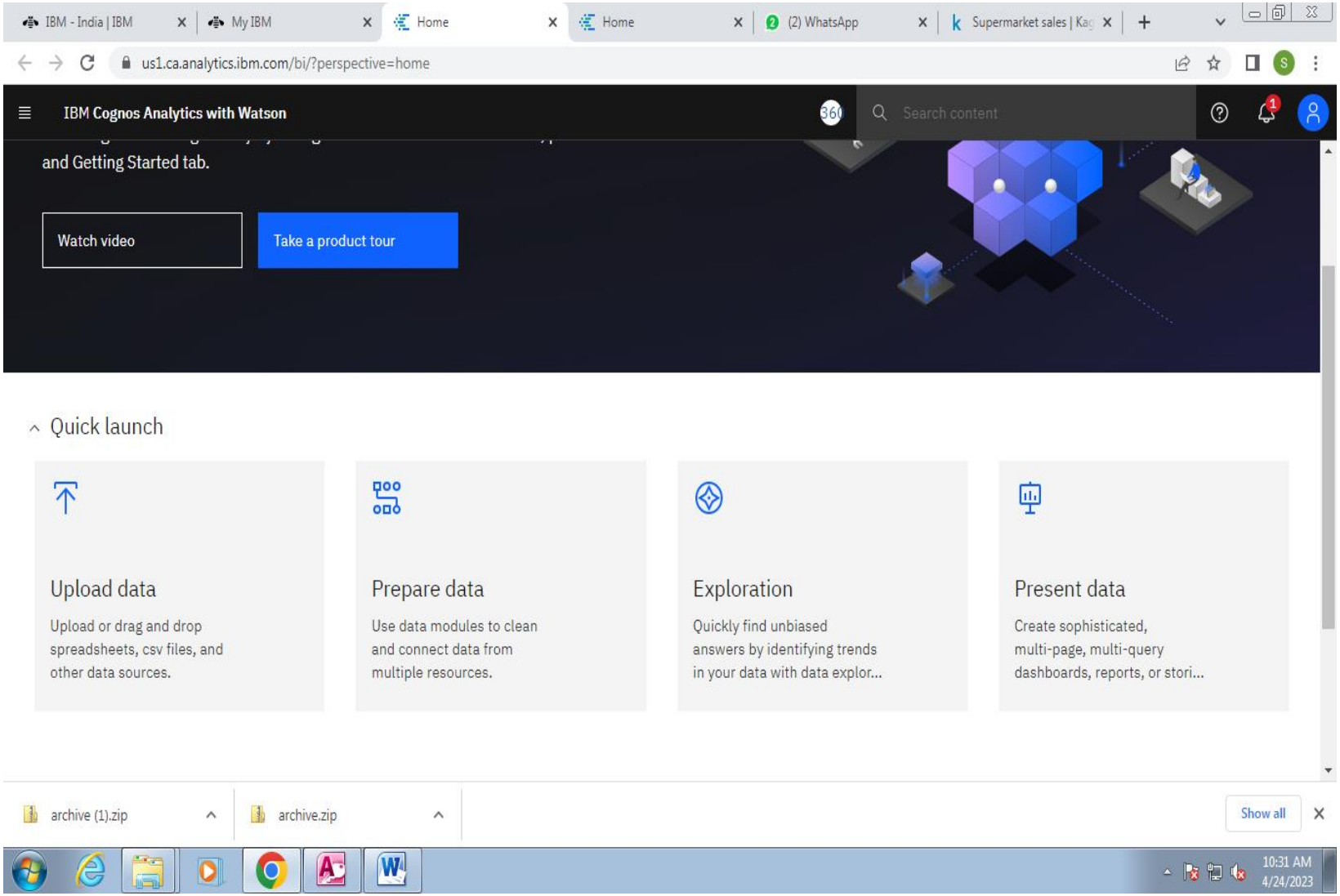

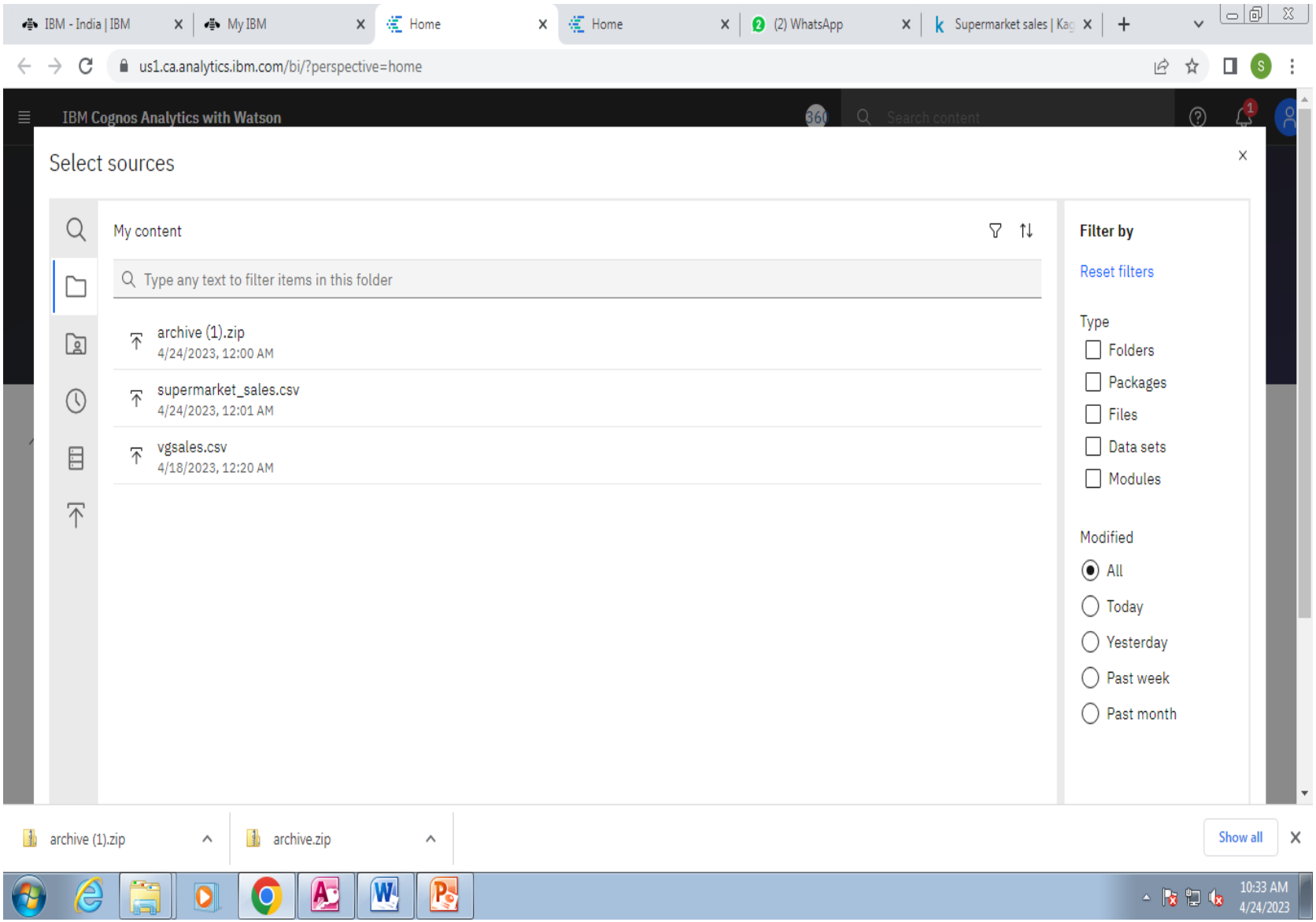
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supermarket_sales.csv
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vgsales.csv
4/18/2023, 12:20 AM
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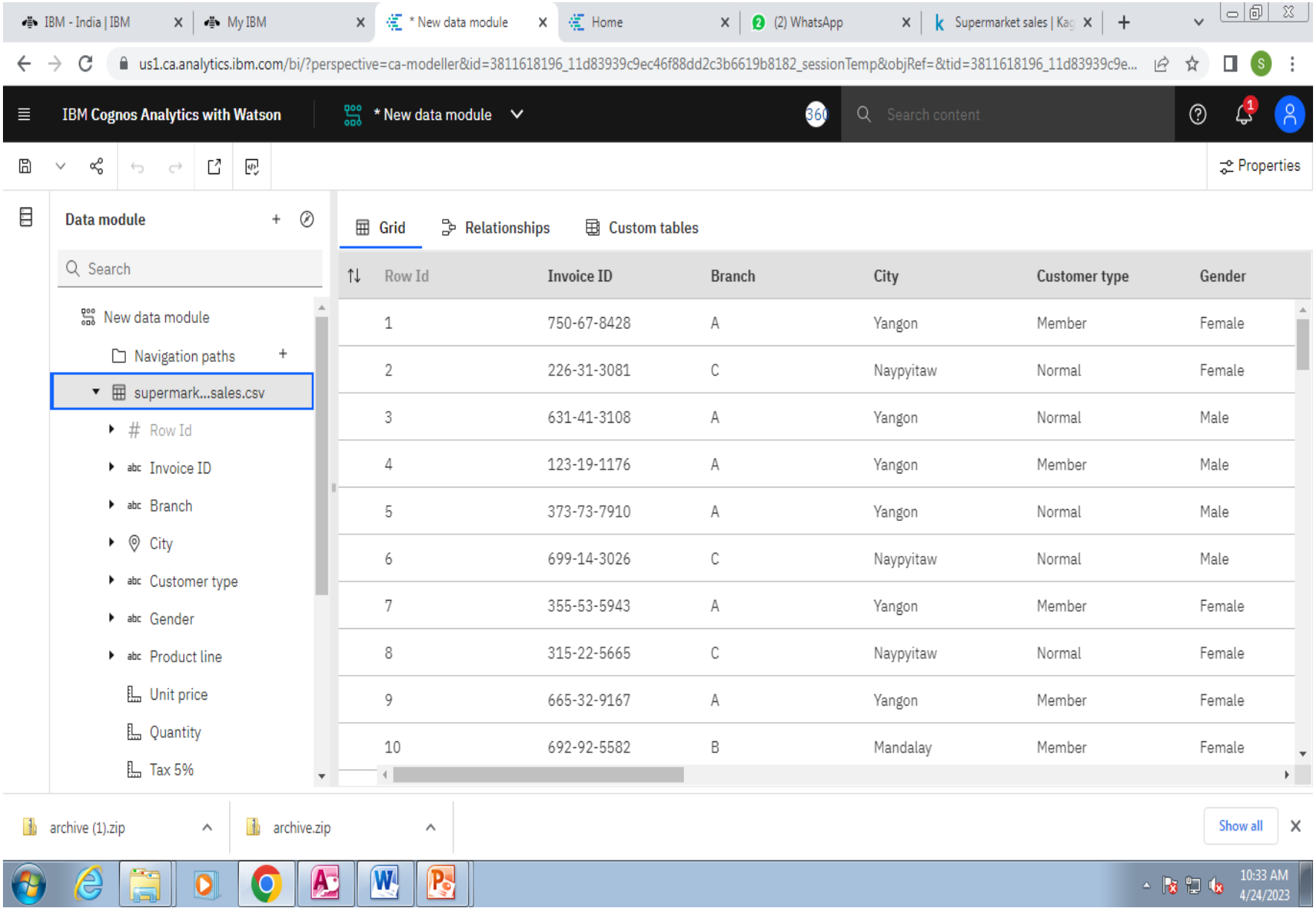
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Row Id
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Branch
City
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Grid
Relationships
Custom tables
Row Id
Invoice ID
Branch
City
Customer type
Gender
1 750-67-8428 A Yangon Member Female
2 226-31-3081 C Naypyitaw Normal Female
3 631-41-3108 A Yangon Normal Male
4 123-19-1176 A Yangon Member Male
5 373-73-7910 A Yangon Normal Male
6 699-14-3026 C Naypyitaw Normal Male
7 355-53-5943 A Yangon Member Female
8 315-22-5665 C Naypyitaw Normal Female
9 665-32-9167 A Yangon Member Female
10 692-92-5582 B Mandalay Member Female
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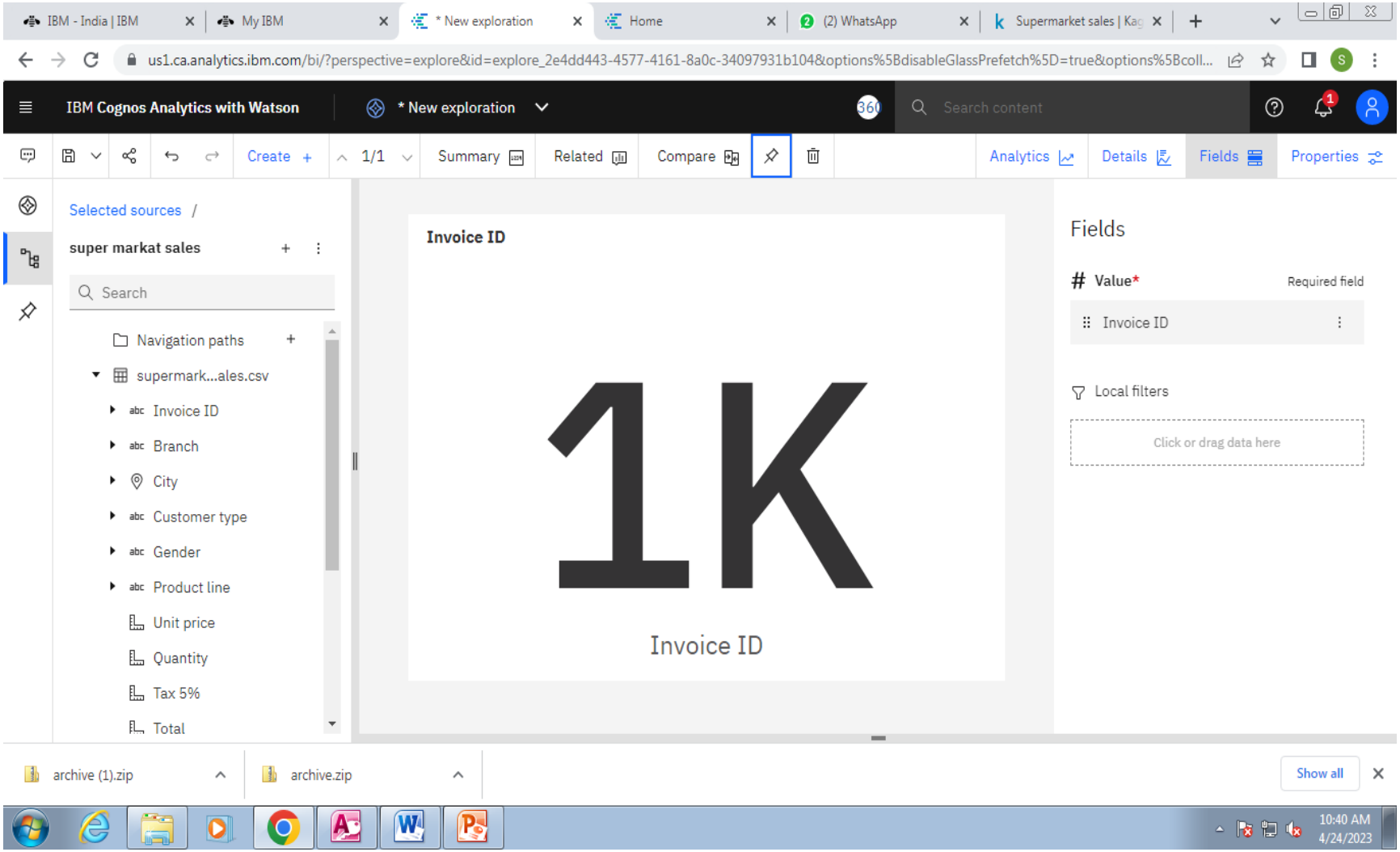
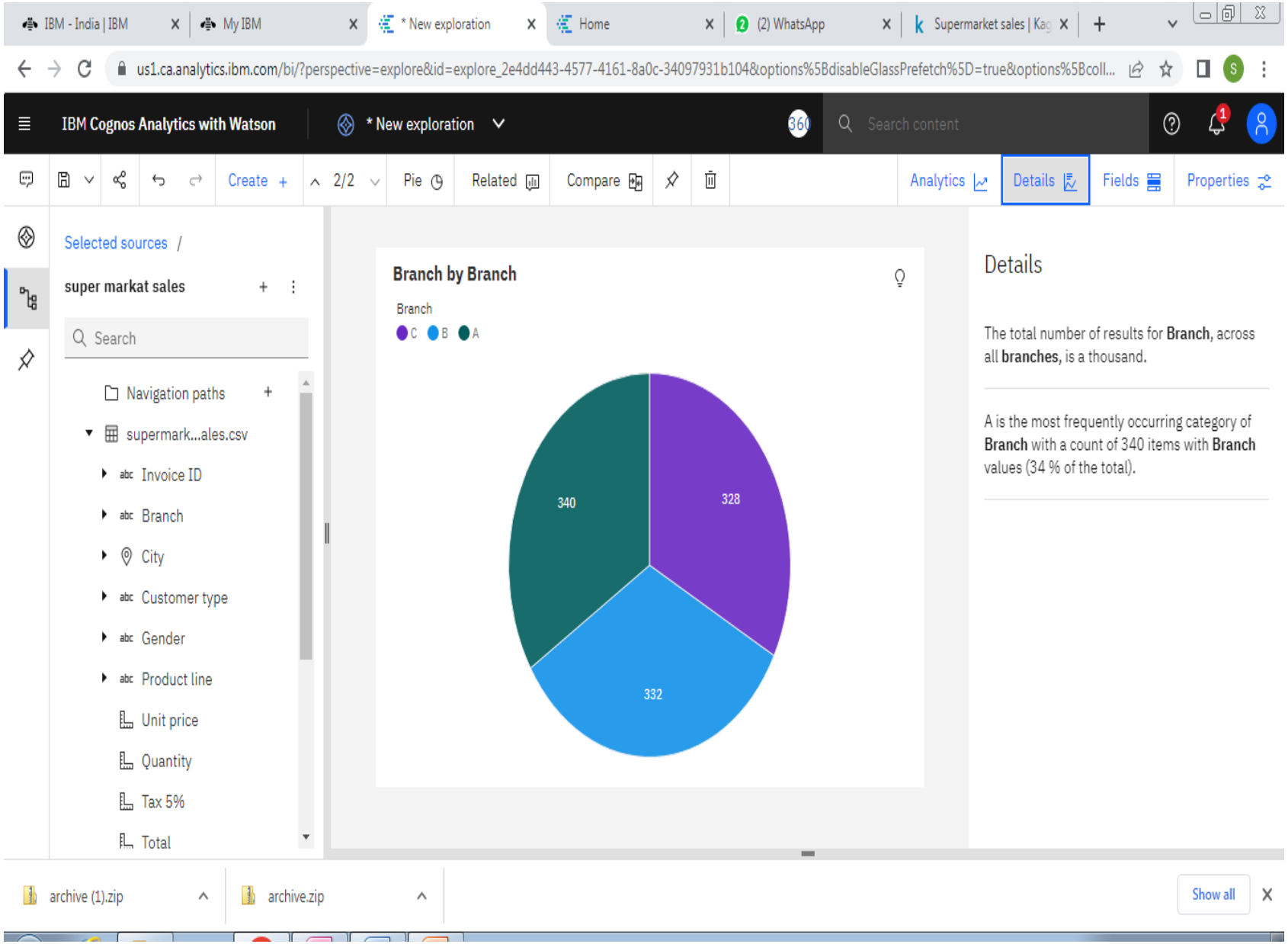
EXPLORATION

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Branch by Branch
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332
Details
The total number of results for Branch, across all branches, is a thousand.
A is the most frequently occurring category of Branch with a count of 340 items with Branch values (34 % of the total).
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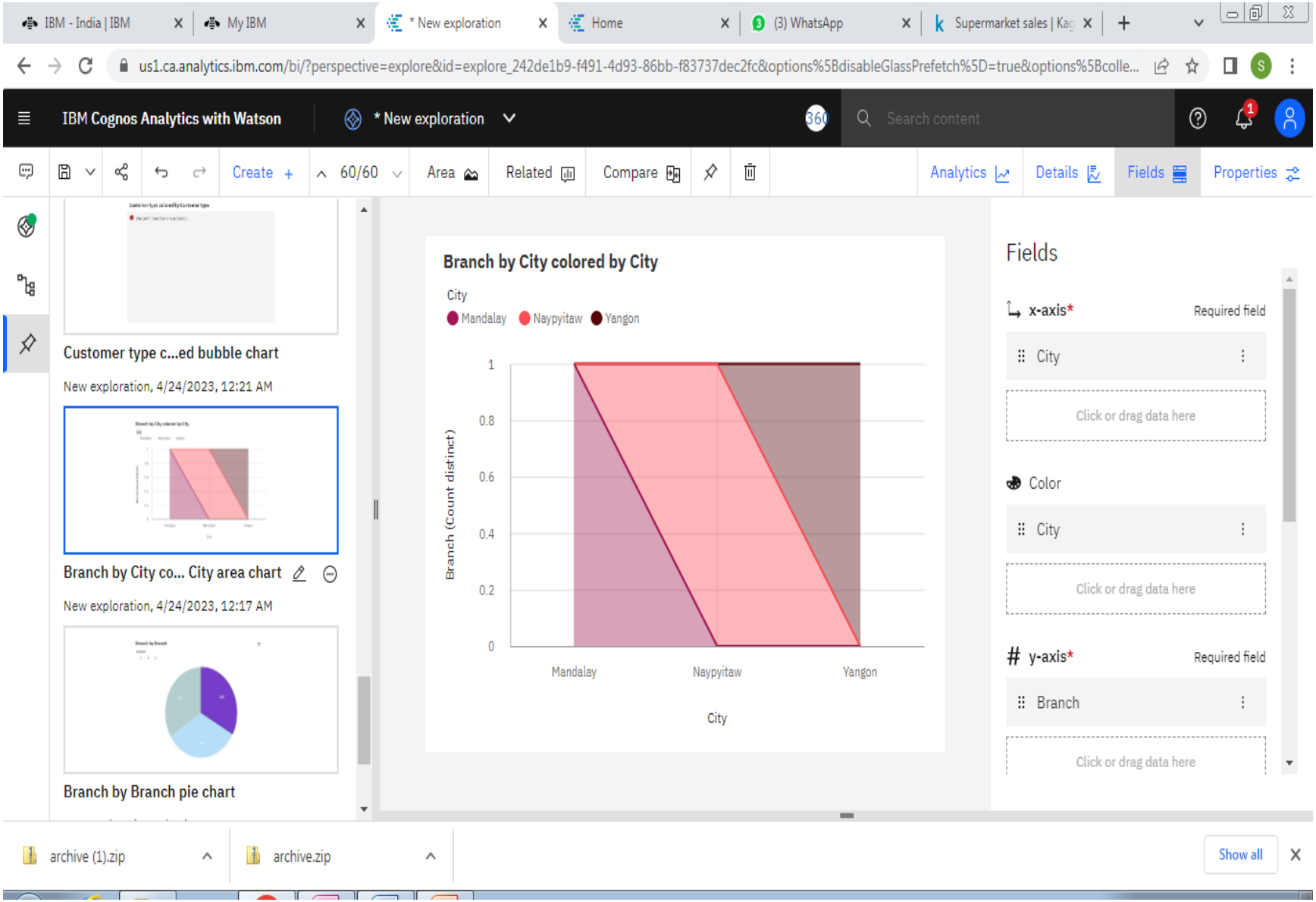
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Search content
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Customer type c...ed bubble chart
New exploration, 4/24/2023, 12:21 AM
Branch by City co... City area chart
New exploration, 4/24/2023, 12:17 AM
Branch by Branch pie chart
Branch by City colored by City
City
Mandalay
Naypyitaw
Yangon
Branch (Count distinct)
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0.6
0.4
0.2
0
Mandalay
Naypyitaw
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Create | 62/62 | Packed bubble | Related | Compare | Analytics | Details | Fields | Properties

Product line by P...ct line bar chart

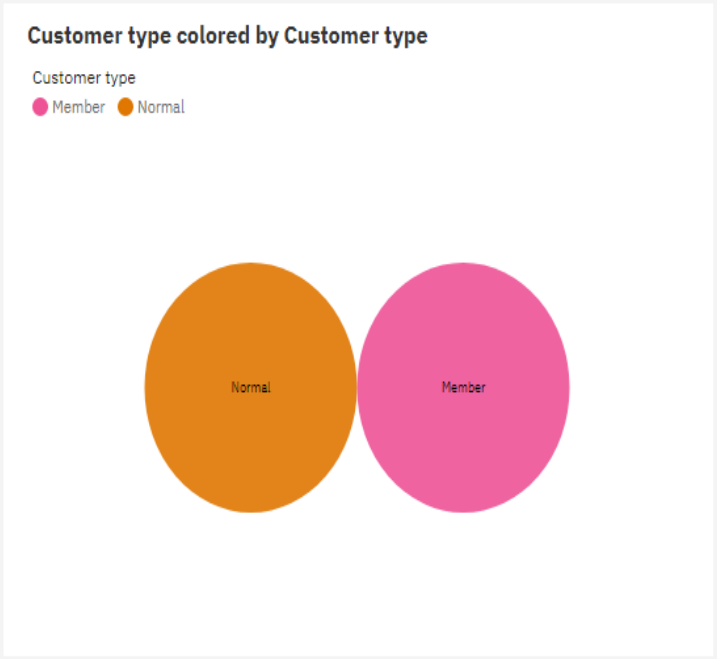
New exploration, 4/24/2023, 12:25 AM

Gender by Gender pie chart

New exploration, 4/24/2023, 12:22 AM

Customer type c...ed bubble chart

New exploration, 4/24/2023, 12:21 AM



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Customer type

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Color

Customer type

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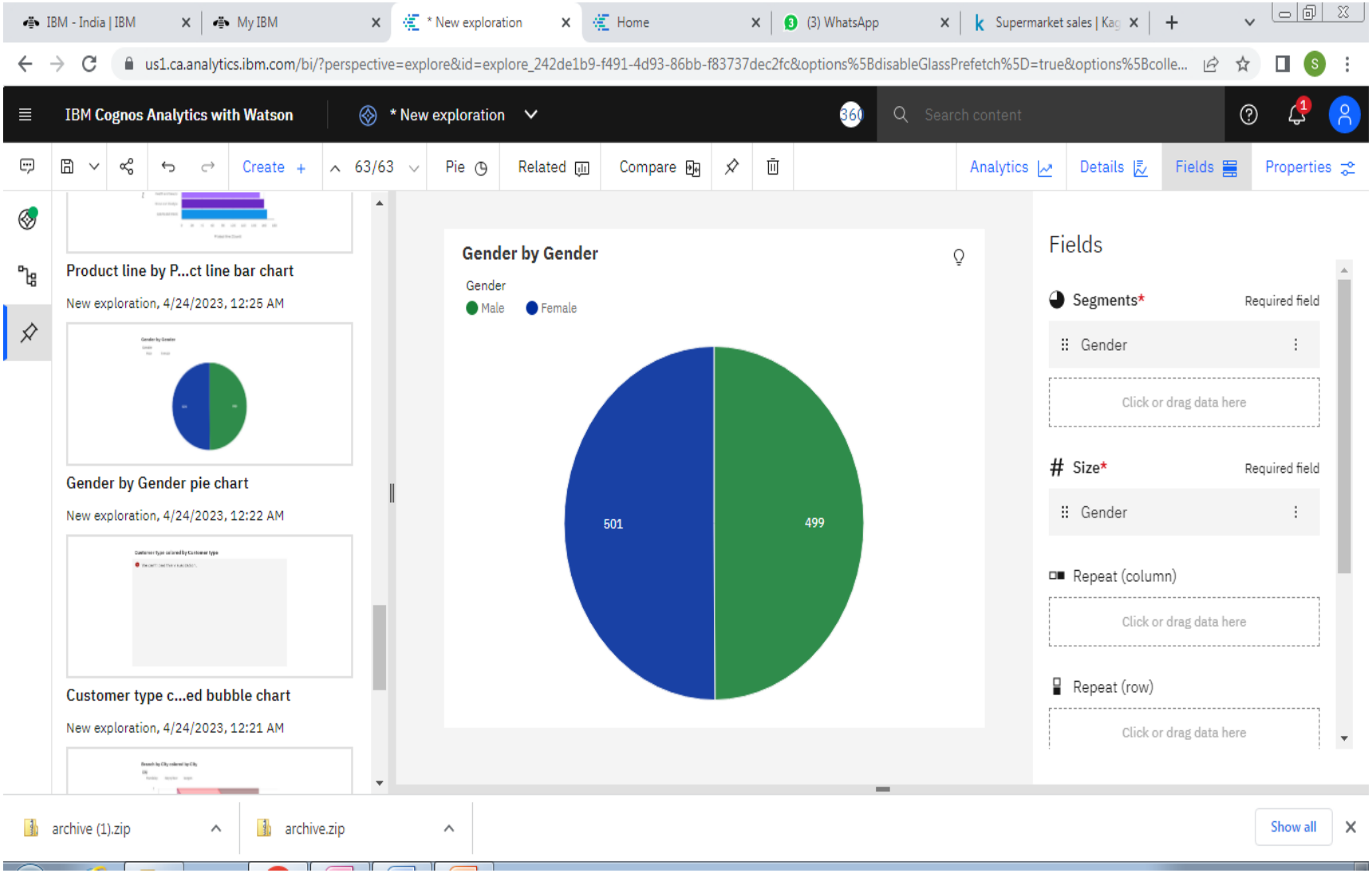
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Product line by P...ct line bar chart
New exploration, 4/24/2023, 12:25 AM
Gender by Gender pie chart
New exploration, 4/24/2023, 12:22 AM
Customer type c...ed bubble chart
New exploration, 4/24/2023, 12:21 AM
Gender by Gender
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Unit price by Pro... line point chart

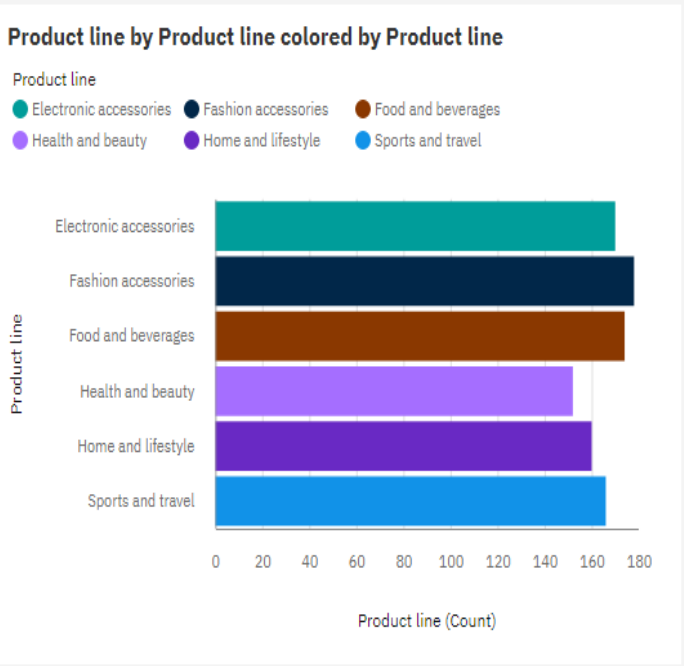
New exploration, 4/24/2023, 12:27 AM

Product line by P...ct line bar chart

New exploration, 4/24/2023, 12:25 AM

Gender by Gender pie chart

New exploration, 4/24/2023, 12:22 AM



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Length* Required field

Product line

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y-start

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Target

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11:48 AM 4/24/2023

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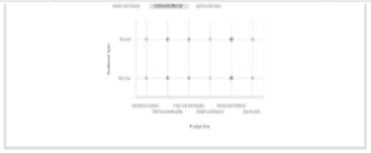

Product line by C...line scatter plot

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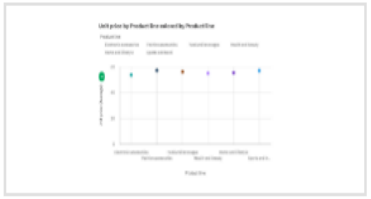

Unit price by Pro... line point chart

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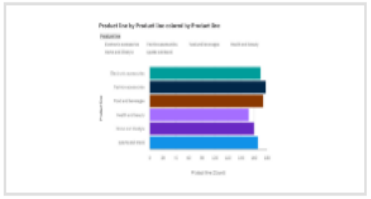

Product line by P...ct line bar chart

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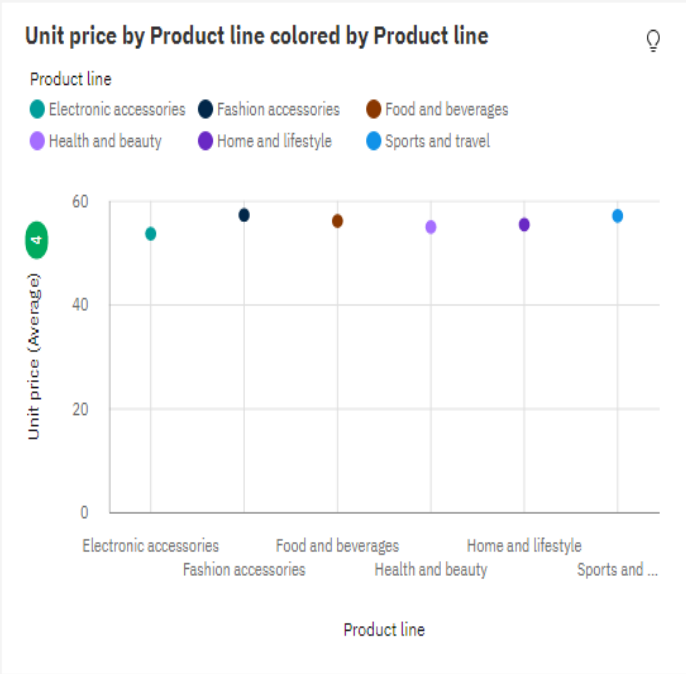

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Product line

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Product line

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y-axis* Required field

Unit price

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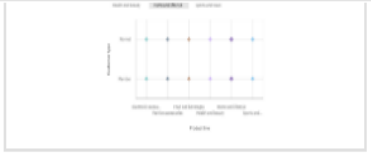

Product line by C...line scatter plot

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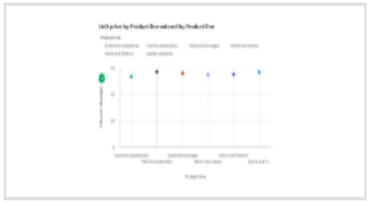

Unit price by Pro... line point chart

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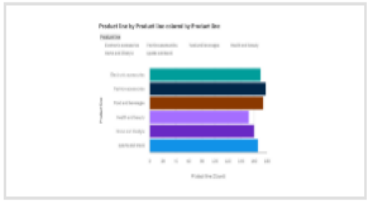

Product line by P...ct line bar chart

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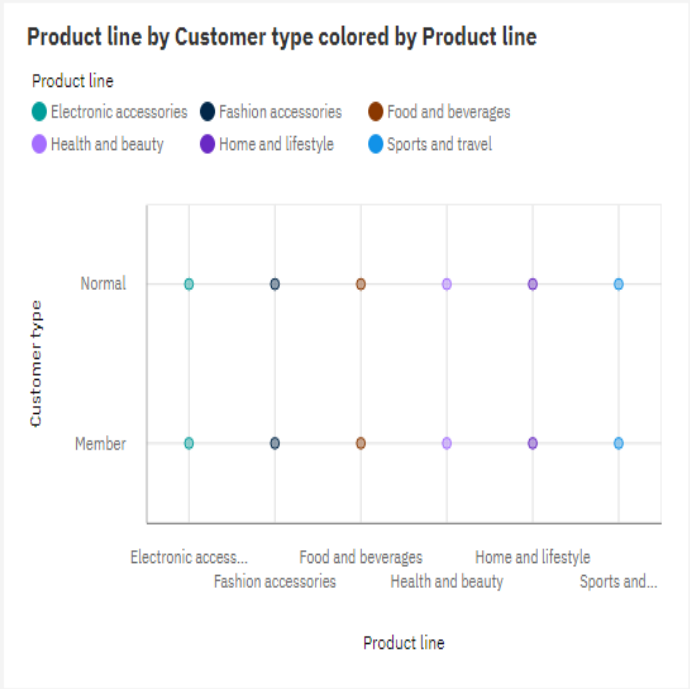

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Points

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Product line

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y-axis* Required field

Customer type

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Color

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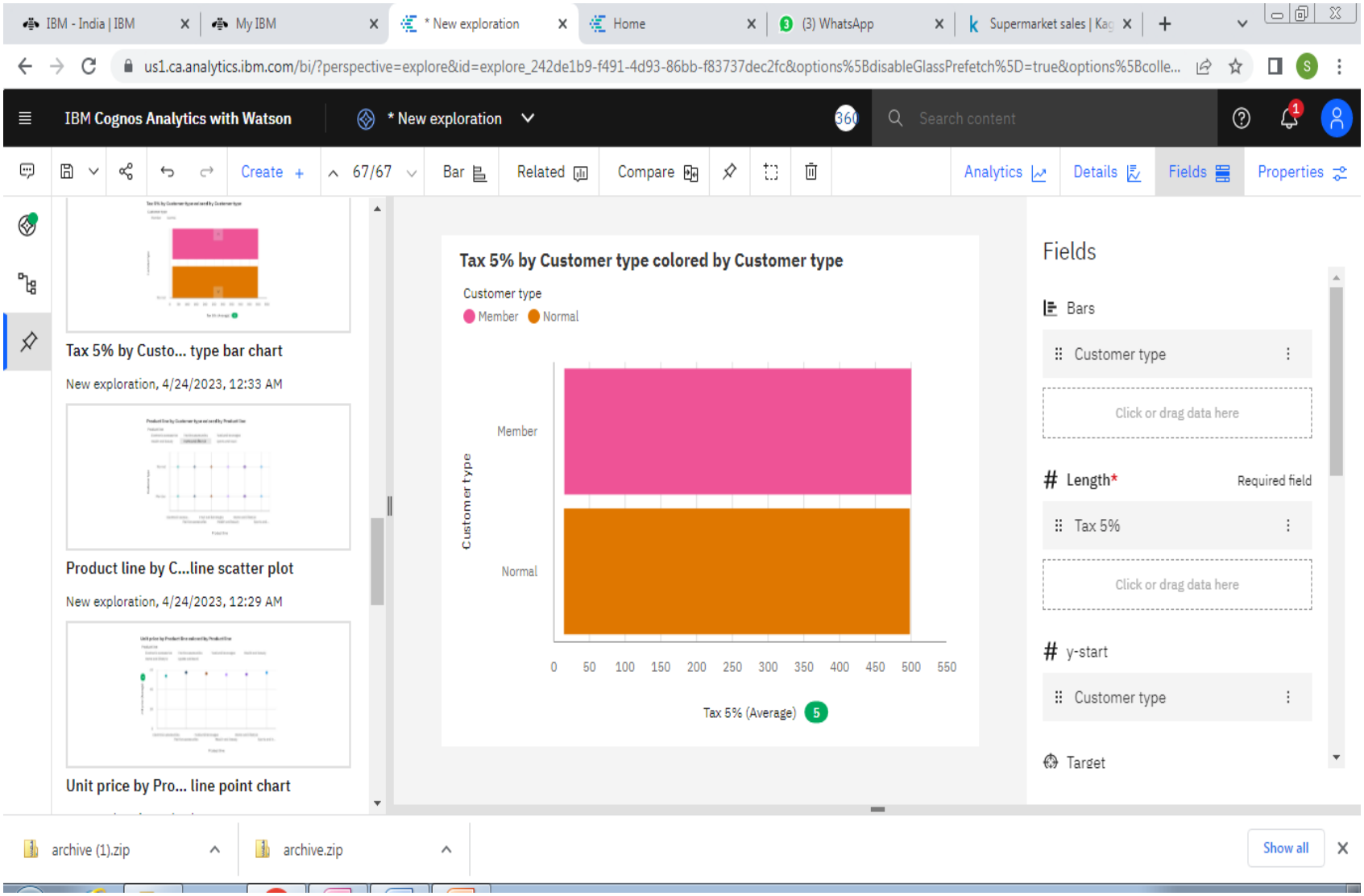
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New exploration, 4/24/2023, 12:33 AM
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New exploration, 4/24/2023, 12:29 AM
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Tax 5% by Customer type colored by Customer type
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Date by Date colo... Date line chart

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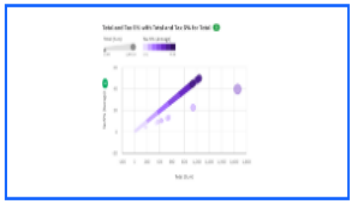

Total and Tax 5%...al bubble chart

New exploration, 4/24/2023, 12:39 AM

Tax 5% by Custo... type bar chart

New exploration, 4/24/2023, 12:33 AM

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Total

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y-axis* Required field

Tax 5%

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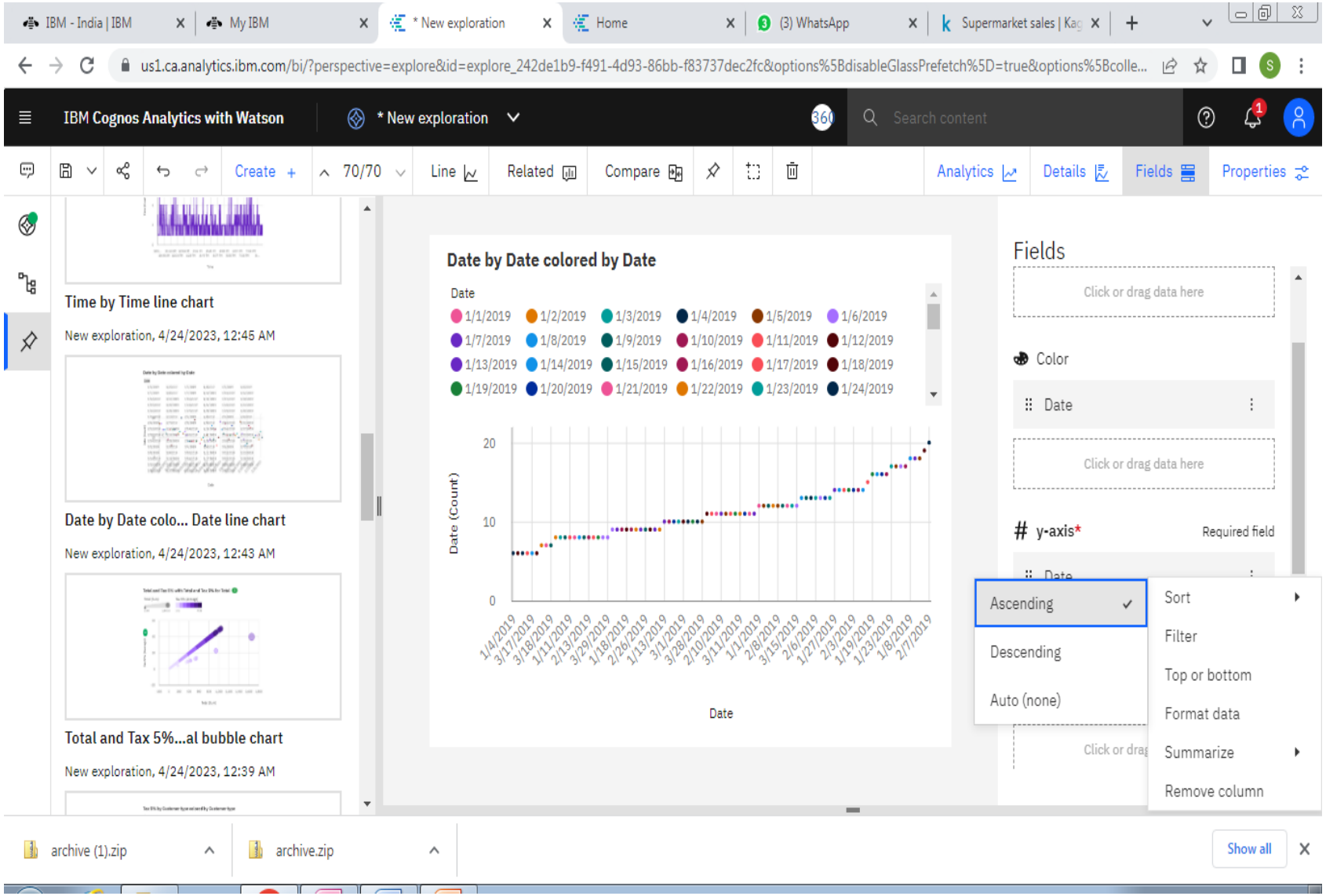
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Date by Date colo... Date line chart
New exploration, 4/24/2023, 12:43 AM
Total and Tax 5%...al bubble chart
New exploration, 4/24/2023, 12:39 AM
Date by Date colored by Date
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1/7/2019 1/8/2019 1/9/2019 1/10/2019 1/11/2019 1/12/2019
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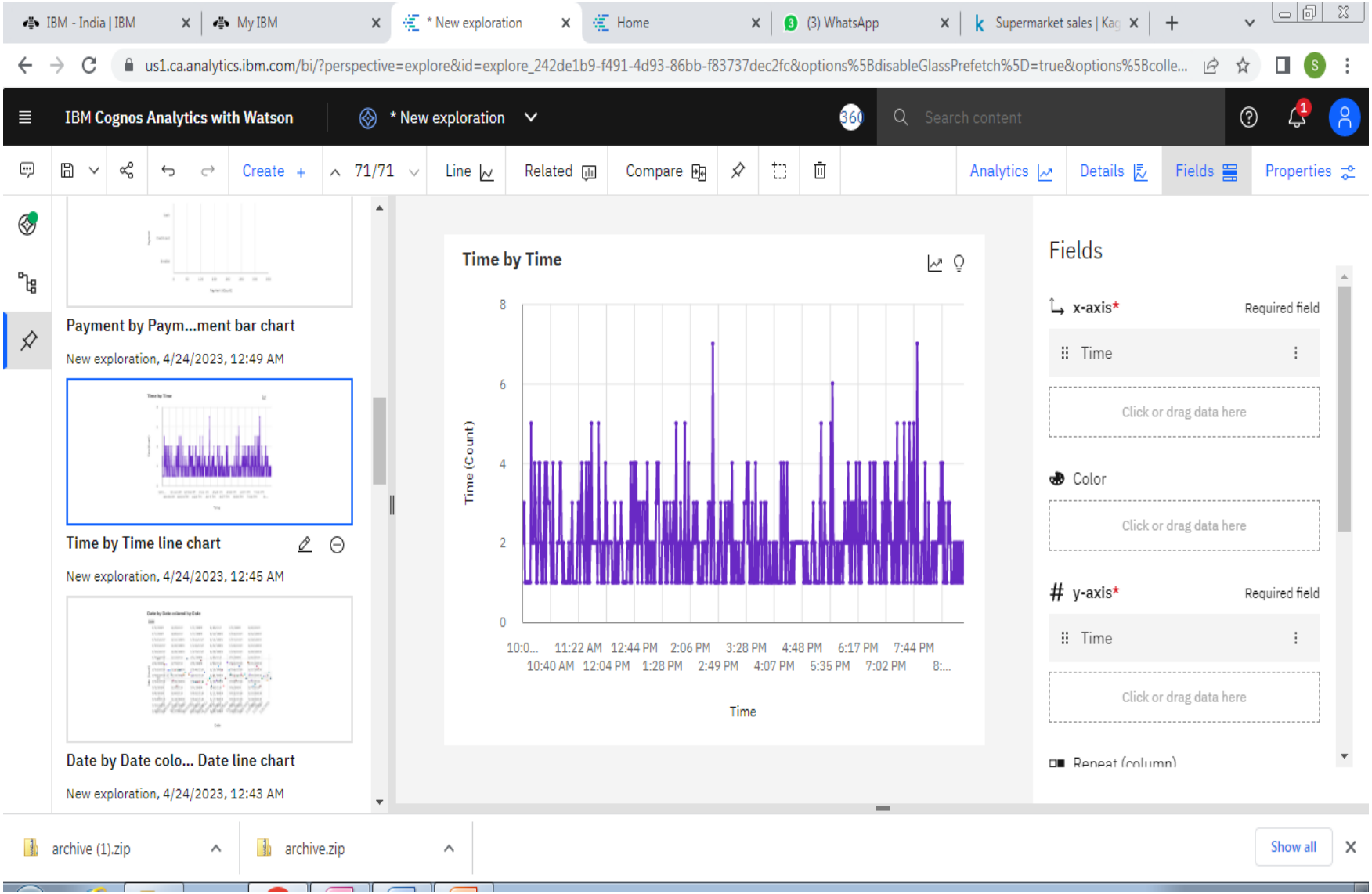
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Payment by Paym...ment bar chart
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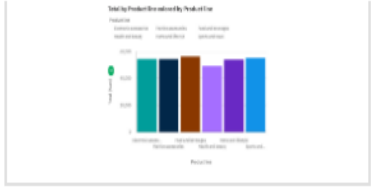

Total by Product...ne column chart

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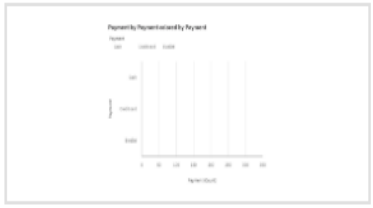

Payment by Paym...ment bar chart

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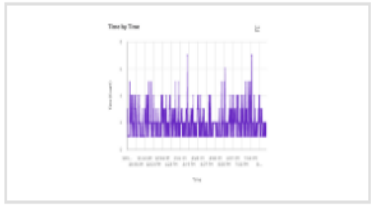
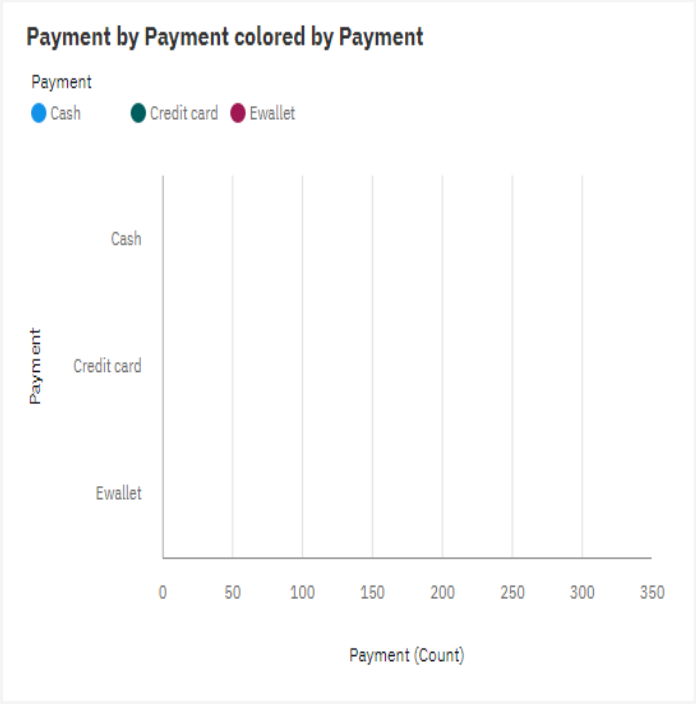


Time by Time line chart



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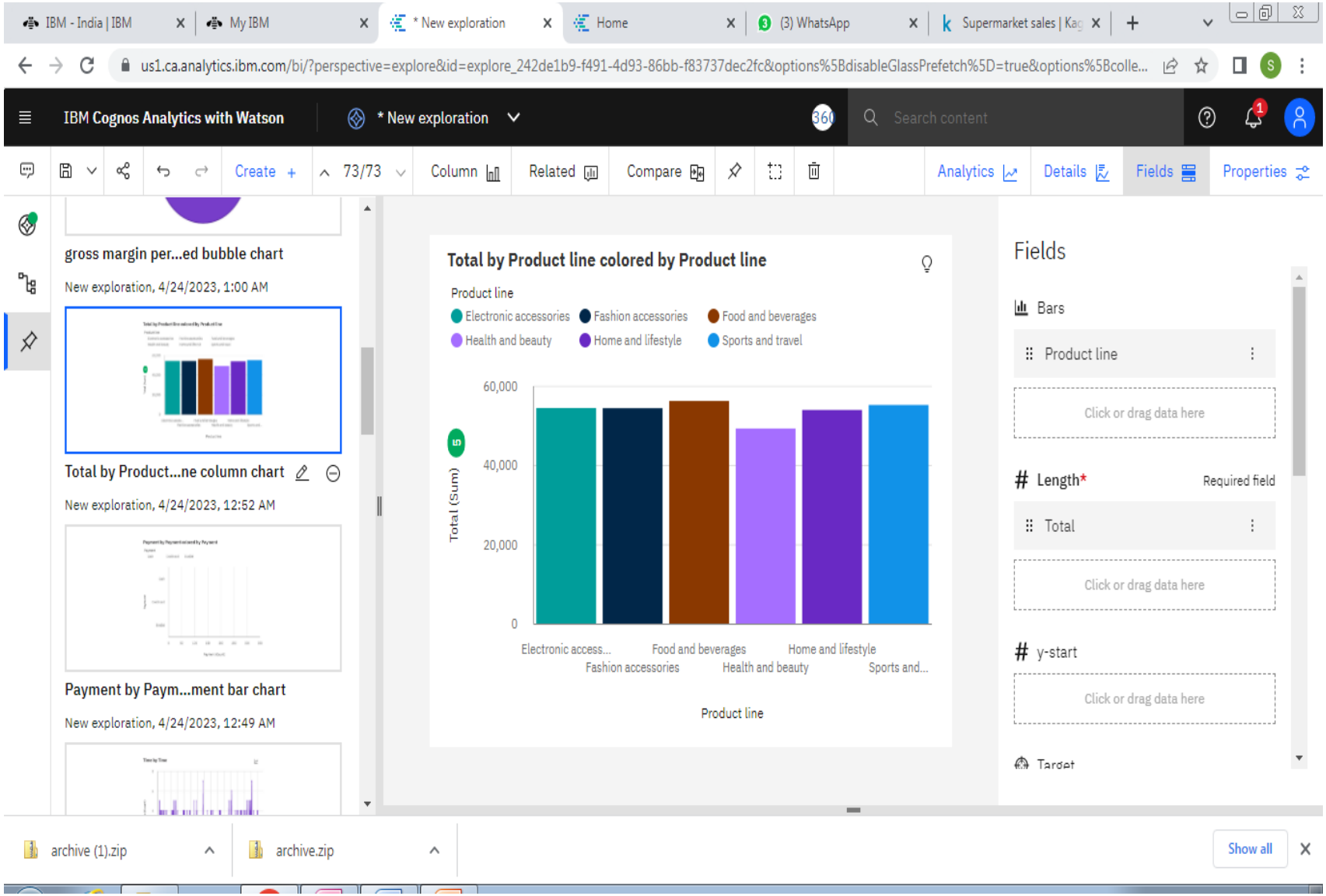
Payment

Target

archive (1).zip | archive.zip | Show all


IBM - India | IBM
My IBM
* New exploration
Home
(3) WhatsApp
Supermarket sales | Kag
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IBM Cognos Analytics with Watson
* New exploration
Search content
Create
73/73
Column
Related
Compare
Analytics
Details
Fields
Properties
gross margin per...ed bubble chart
New exploration, 4/24/2023, 1:00 AM
Total by Product...ne column chart
New exploration, 4/24/2023, 12:52 AM
Payment by Paym...ment bar chart
New exploration, 4/24/2023, 12:49 AM
Total by Product line colored by Product line
Product line
Electronic accessories
Fashion accessories
Food and beverages
Health and beauty
Home and lifestyle
Sports and travel
60,000
40,000
20,000
0
Total (Sum)
Electronic access...
Fashion accessories
Food and beverages
Health and beauty
Home and lifestyle
Sports and...
Product line
Fields
Bars
Product line
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Length*
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Total
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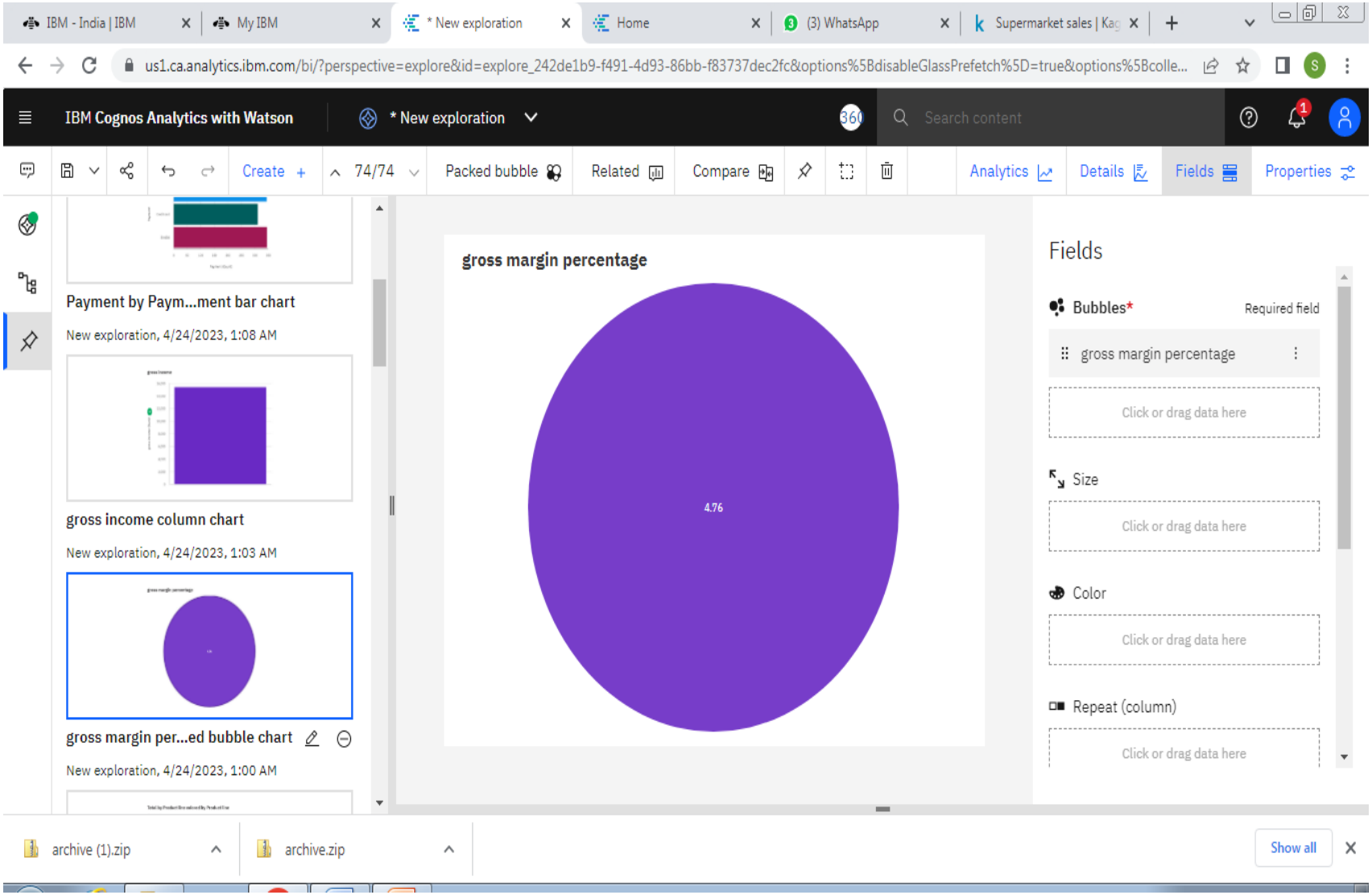
Target
archive (1).zip
archive.zip
Show all


IBM - India | IBM
My IBM
* New exploration
Home
(3) WhatsApp
Supermarket sales | Kag
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IBM Cognos Analytics with Watson
* New exploration
Search content
Create
74/74
Packed bubble
Related
Compare
Analytics
Details
Fields
Properties
Payment by Paym...ment bar chart
New exploration, 4/24/2023, 1:08 AM
gross income column chart
New exploration, 4/24/2023, 1:03 AM
gross margin per...ed bubble chart
New exploration, 4/24/2023, 1:00 AM
gross margin percentage
4.76
Fields
Bubbles*
Required field
gross margin percentage
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Size
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Repeat (column)
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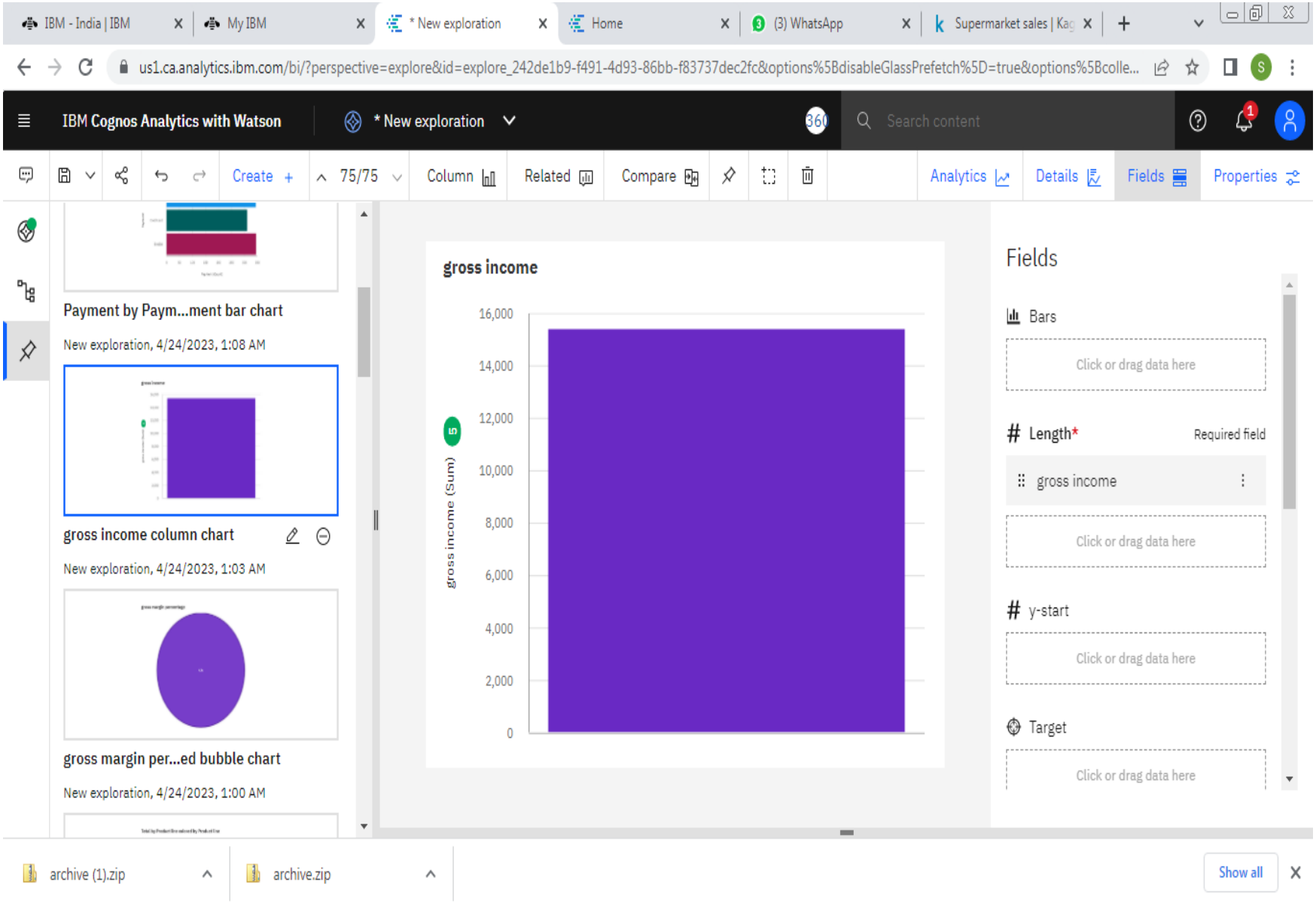
archive (1).zip
archive.zip
Show all


IBM - India | IBM
My IBM
* New exploration
Home
(3) WhatsApp
Supermarket sales | Kag
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IBM Cognos Analytics with Watson
* New exploration
Search content
Create
75/75
Column
Related
Compare
Analytics
Details
Fields
Properties
Payment by Paym...ment bar chart
New exploration, 4/24/2023, 1:08 AM
gross income column chart
New exploration, 4/24/2023, 1:03 AM
gross margin per...ed bubble chart
New exploration, 4/24/2023, 1:00 AM
gross income
gross income (Sum)
16,000
14,000
12,000
10,000
8,000
6,000
4,000
2,000
0
Fields
Bars
Click or drag data here
Length*
Required field
gross income
Click or drag data here
y-start
Click or drag data here
Target
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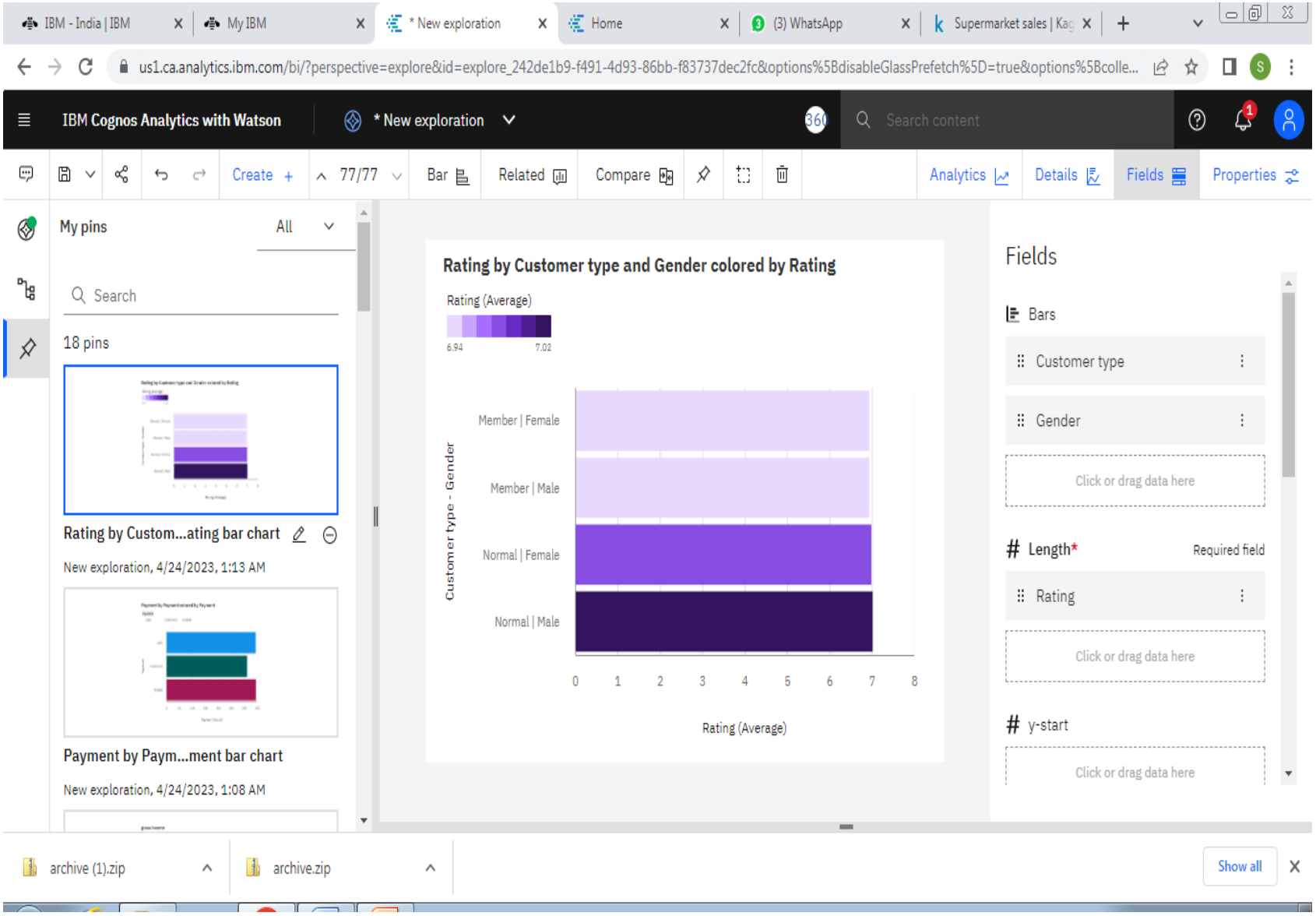
archive (1).zip
archive.zip
Show all


IBM - India | IBM
My IBM
* New exploration
Home
(3) WhatsApp
Supermarket sales | Kag
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IBM Cognos Analytics with Watson
* New exploration
Search content
Create
77/77
Bar
Related
Compare
Analytics
Details
Fields
Properties
My pins
All
Search
18 pins
Rating by Custom...ating bar chart
New exploration, 4/24/2023, 1:13 AM
Payment by Paym...ment bar chart
New exploration, 4/24/2023, 1:08 AM
Rating by Customer type and Gender colored by Rating
Rating (Average)
6.94
7.02
Member | Female
Member | Male
Normal | Female
Normal | Male
Customer type - Gender
0
1
2
3
4
5
6
7
8
Rating (Average)
Fields
Bars
Customer type
Gender
Click or drag data here
Length*
Required field
Rating
Click or drag data here
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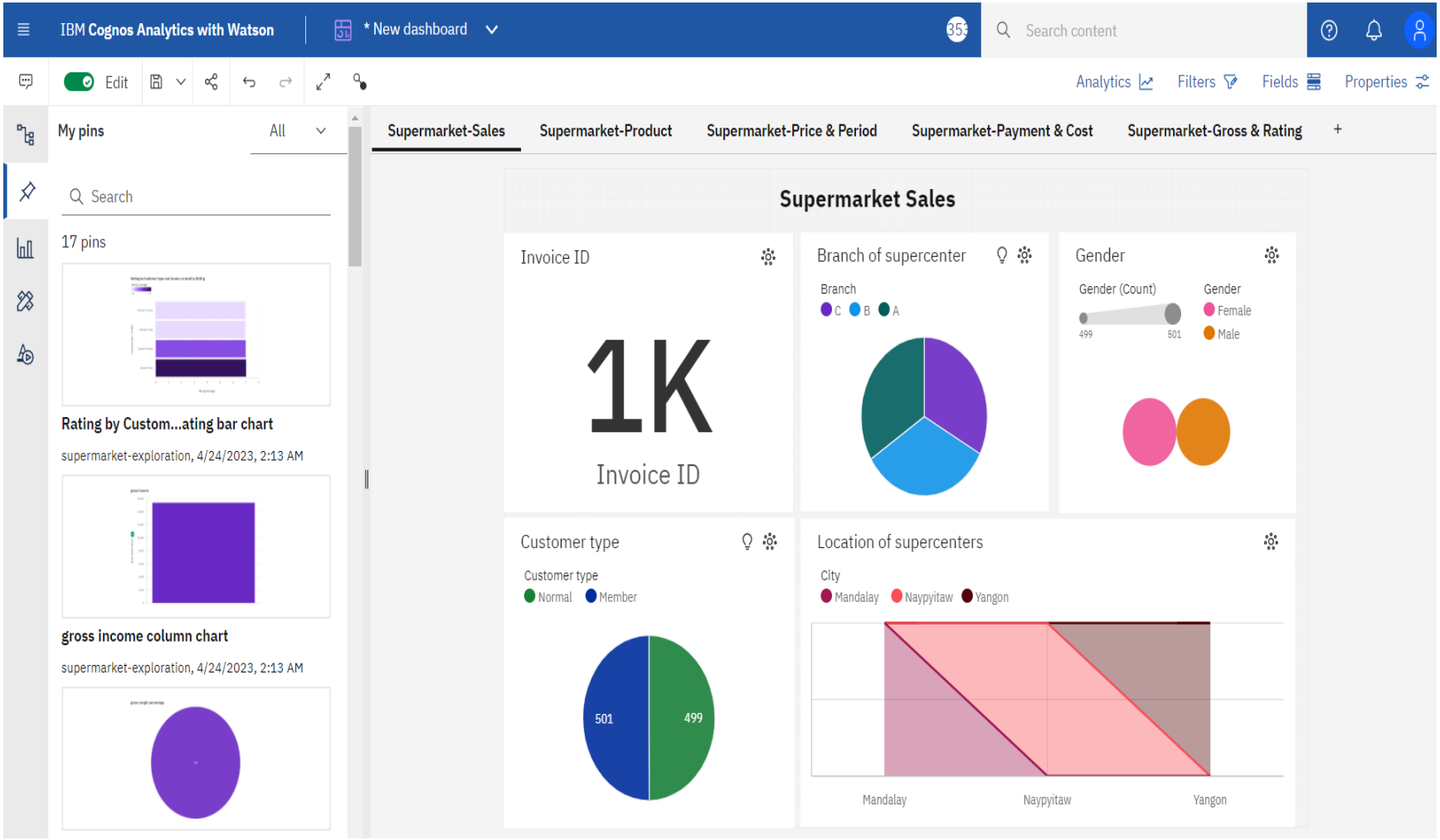
archive (1).zip
archive.zip
Show all

DASHBOARD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Filters
Fields
Properties
My pins
All
Search
17 pins
Rating by Custom...ating bar chart
supermarket-exploration, 4/24/2023, 2:13 AM
gross income column chart
supermarket-exploration, 4/24/2023, 2:13 AM
Supermarket-Sales
Supermarket-Product
Supermarket-Price & Period
Supermarket-Payment & Cost
Supermarket-Gross & Rating
Supermarket Sales
Invoice ID
1K
Invoice ID
Branch of supercenter
Branch
C
B
A
Gender
Gender (Count)
499
501
Gender
Female
Male
Customer type
Customer type
Normal
Member
501
499
Location of supercenters
City
Mandalay
Naypyitaw
Yangon
Mandalay
Naypyitaw
Yangon

IBM Cognos Analytics with Watson | * New dashboard | Search content

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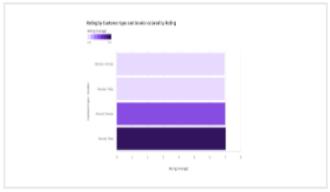
My pins | All

Search

17 pins



Rating by Custom...ating bar chart

supermarket-exploration, 4/24/2023, 2:13 AM

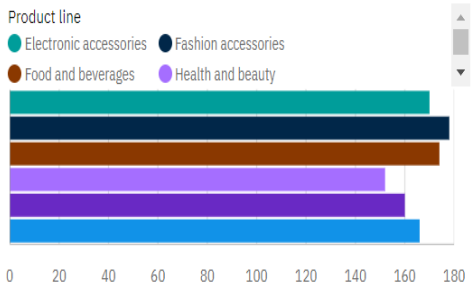
gross income column chart

supermarket-exploration, 4/24/2023, 2:13 AM

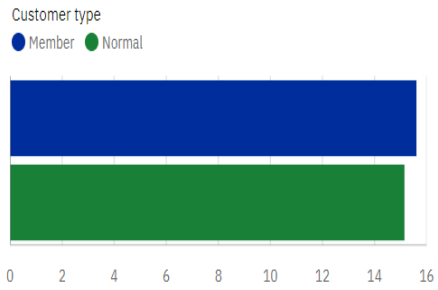
Supermarket-Sales | Supermarket-Product | Supermarket-Price & Period | Supermarket-Payment & Cost | Supermarket-Gross & Rating +

Product Details

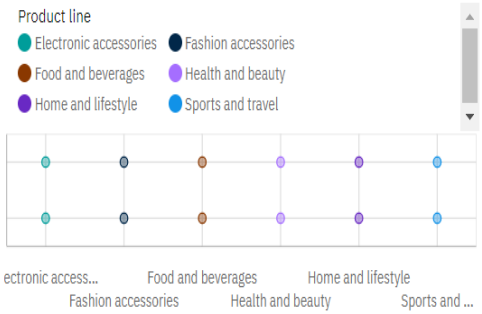
General item categorization groups



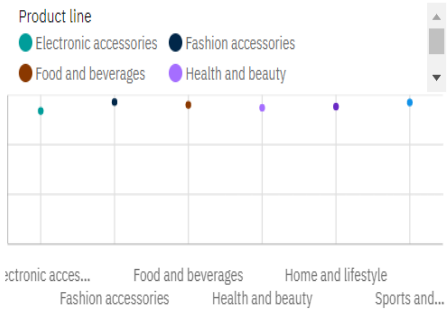
5% tax fee for customers buying

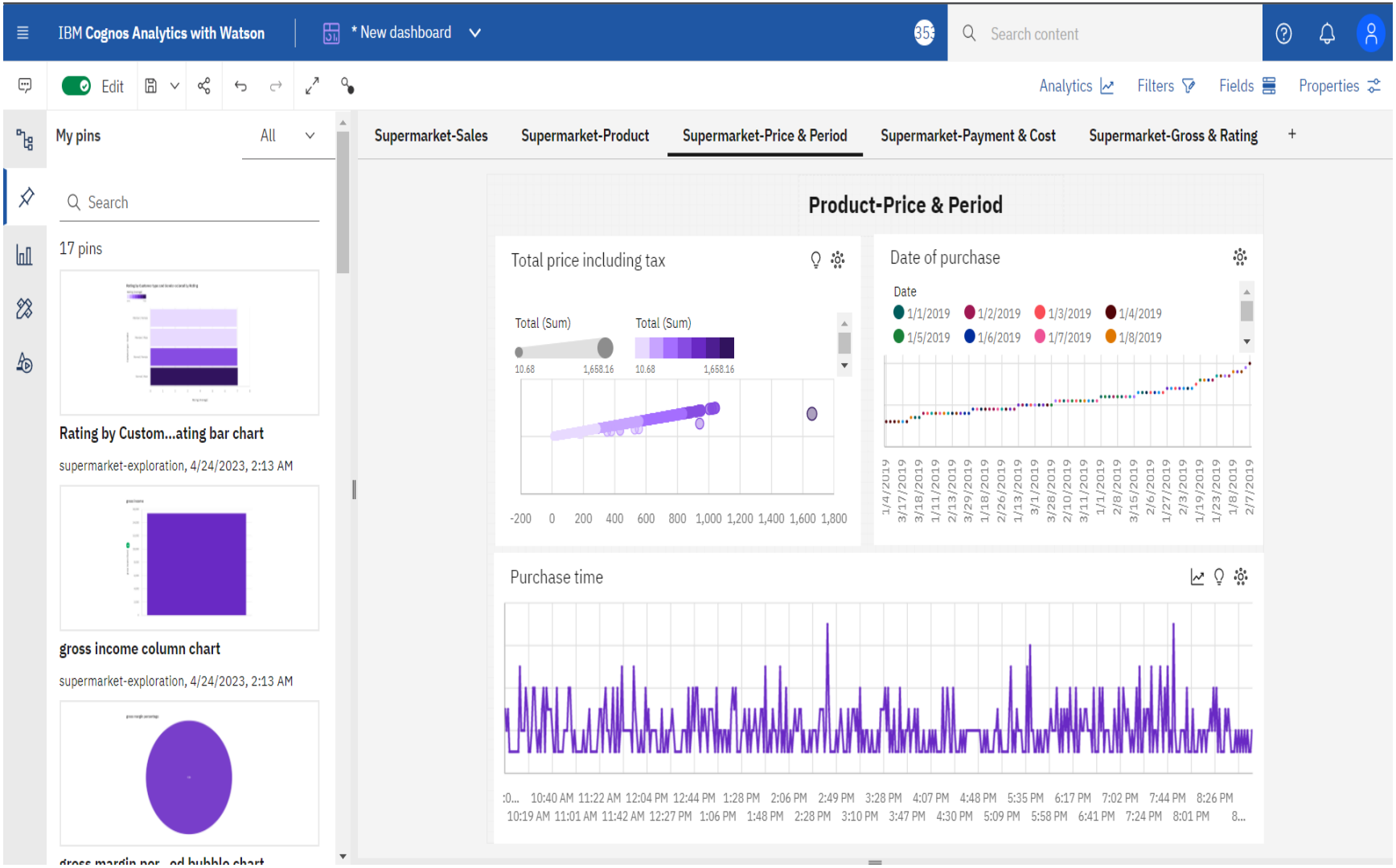


Number of products purchased by the customer



Unit price of each product

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17 pins
Rating by Custom...ating bar chart
supermarket-exploration, 4/24/2023, 2:13 AM
gross income column chart
supermarket-exploration, 4/24/2023, 2:13 AM
Supermarket-Sales
Supermarket-Product
Supermarket-Price & Period
Supermarket-Payment & Cost
Supermarket-Gross & Rating
Product-Price & Period
Total price including tax
Total (Sum)
10.68
1,658.16
-200 0 200 400 600 800 1,000 1,200 1,400 1,600 1,800
Date of purchase
Date
1/1/2019 1/2/2019 1/3/2019 1/4/2019
1/5/2019 1/6/2019 1/7/2019 1/8/2019
Purchase time
10:40 AM 11:22 AM 12:04 PM 12:44 PM 1:28 PM 2:06 PM 2:49 PM 3:28 PM 4:07 PM 4:48 PM 5:35 PM 6:17 PM 7:02 PM 7:44 PM 8:26 PM
10:19 AM 11:01 AM 11:42 AM 12:27 PM 1:06 PM 1:48 PM 2:28 PM 3:10 PM 3:47 PM 4:30 PM 5:09 PM 5:58 PM 6:41 PM 7:24 PM 8:01 PM

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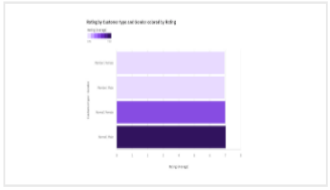
Edit | Analytics | Filters | Fields | Properties

My pins | All

Search

17 pins



Rating by Custom...ating bar chart

supermarket-exploration, 4/24/2023, 2:13 AM

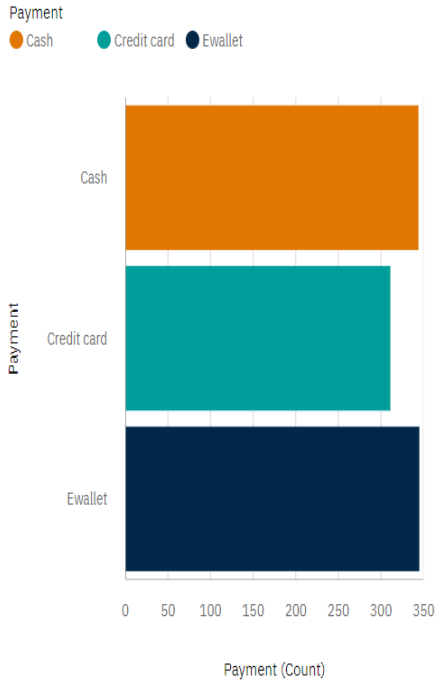
gross income column chart

supermarket-exploration, 4/24/2023, 2:13 AM

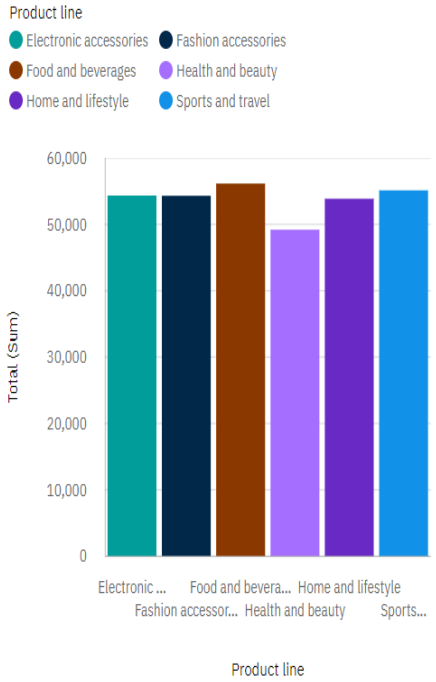
Supermarket-Sales | Supermarket-Product | Supermarket-Price & Period | Supermarket-Payment & Cost | Supermarket-Gross & Rating | +

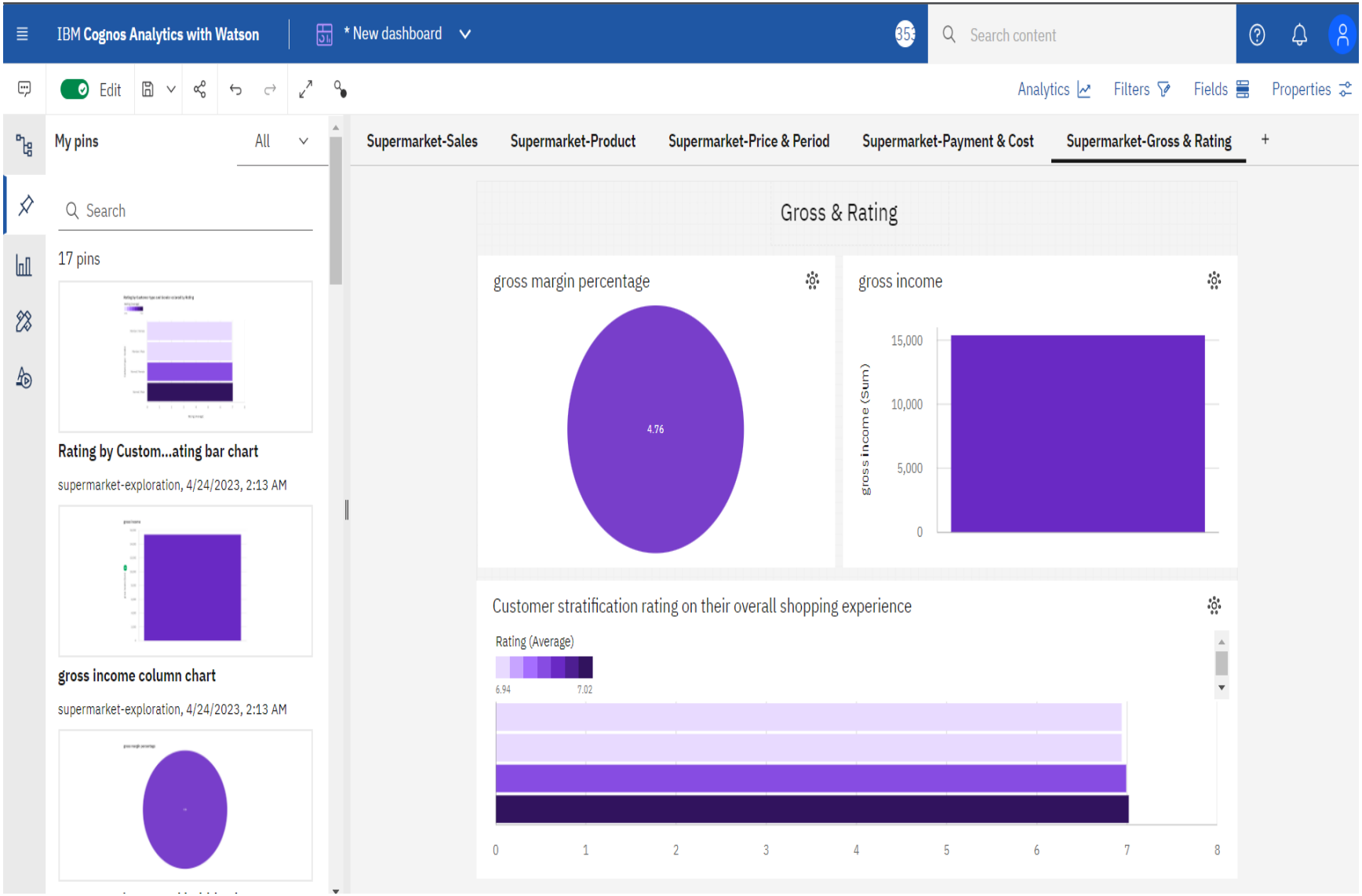
Payment & Cost

Payment used by the customer for the purchase



Cost of goods sold

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Rating by Custom...ating bar chart
supermarket-exploration, 4/24/2023, 2:13 AM
gross income column chart
supermarket-exploration, 4/24/2023, 2:13 AM
Supermarket-Sales
Supermarket-Product
Supermarket-Price & Period
Supermarket-Payment & Cost
Supermarket-Gross & Rating
Gross & Rating
gross margin percentage
4.76
gross income
gross income (Sum)
15,000
10,000
5,000
0
Customer stratification rating on their overall shopping experience
Rating (Average)
6.94
7.02
0
1
2
3
4
5
6
7
8