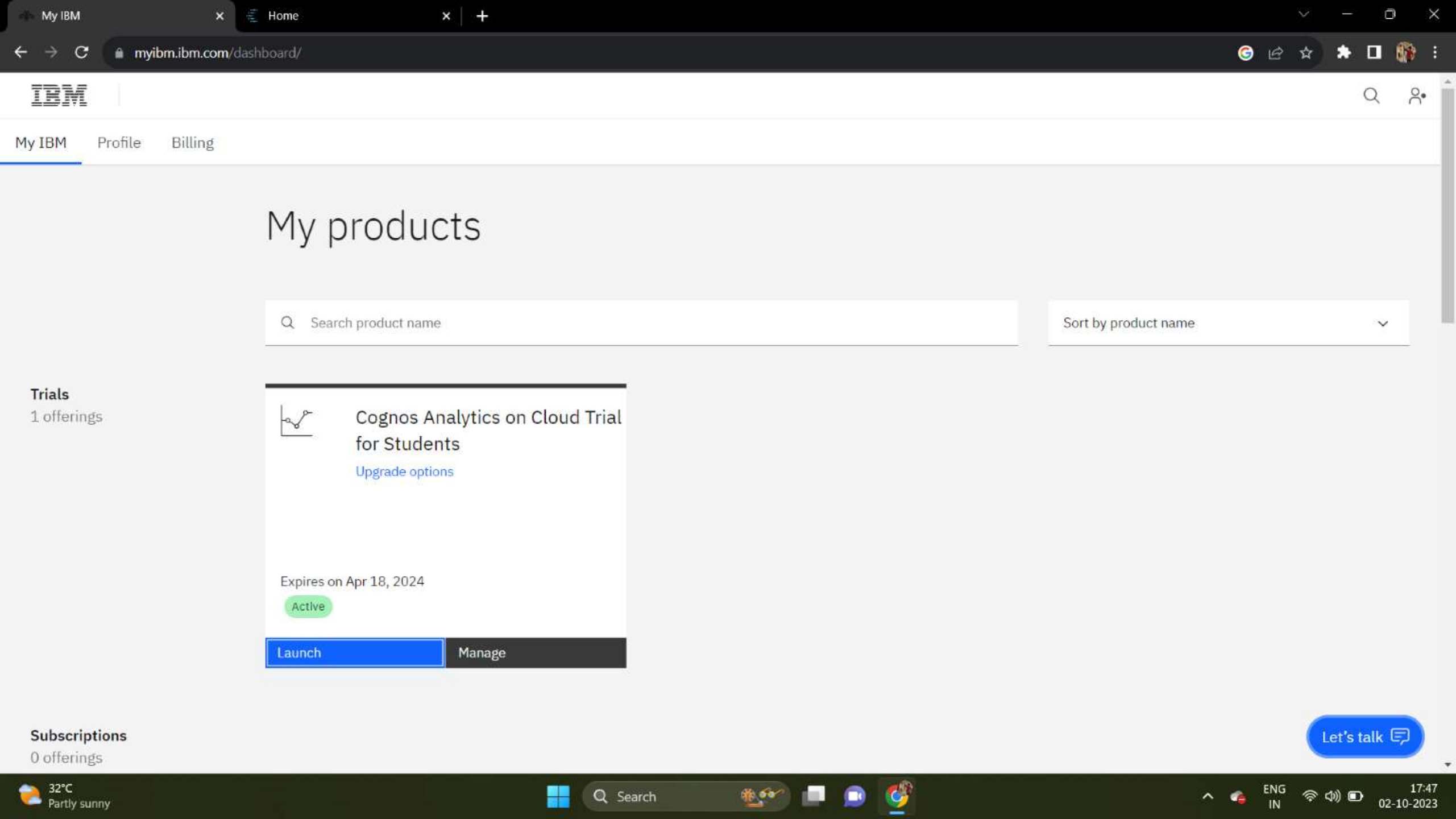


Data Visualization on Supermarket Growth Analysis

Name: Aswin Kumar S




My products

Sort by product name

Trials

1 offerings



Cognos Analytics on Cloud Trial for Students

[Upgrade options](#)

Expires on Apr 18, 2024

Active

Launch

Manage

Subscriptions

0 offerings

Let's talk

My IBM

Supermarketsales_data module

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us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=iA57A38E2E08A437E924B44AF251A291F&objRef=iA57A38E2E08A437E924B44AF251A291F&tid=2029839741_77b97bc2e23e4587b...

IBM Cognos Analytics

Supermarketsales_data module

19

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Search

Supermarket...data module

Navigation paths

supermark...heet1.csv

Invoice ID

Branch

City

Customer type

Gender

Product line

Unit price

Quantity

Tax 5%

Total

Date

Time

Payment

cogs

Grid

Relationships

Custom tables

Invoice ID	Branch	City	Customer type	Gender	Product line	Unit price
750-67-8428	A	Yangon	Member	Female	Health and beauty	74.69
226-31-3081	C	Naypyitaw	Normal	Female	Electronic accessories	15.28
631-41-3108	A	Yangon	Normal	Male	Home and lifestyle	46.33
123-19-1176	A	Yangon	Member	Male	Health and beauty	58.22
373-73-7910	A	Yangon	Normal	Male	Sports and travel	86.31
699-14-3026	C	Naypyitaw	Normal	Male	Electronic accessories	85.39
355-53-5943	A	Yangon	Member	Female	Electronic accessories	68.84
315-22-5665	C	Naypyitaw	Normal	Female	Home and lifestyle	73.56
665-32-9167	A	Yangon	Member	Female	Health and beauty	36.26
692-92-5582	B	Mandalay	Member	Female	Food and beverages	54.84
351-62-0822	B	Mandalay	Member	Female	Fashion accessories	14.48
529-56-3974	B	Mandalay	Member	Male	Electronic accessories	25.51
365-64-0515	A	Yangon	Normal	Female	Electronic accessories	46.95

32°C

Partly sunny

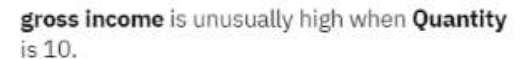
Search

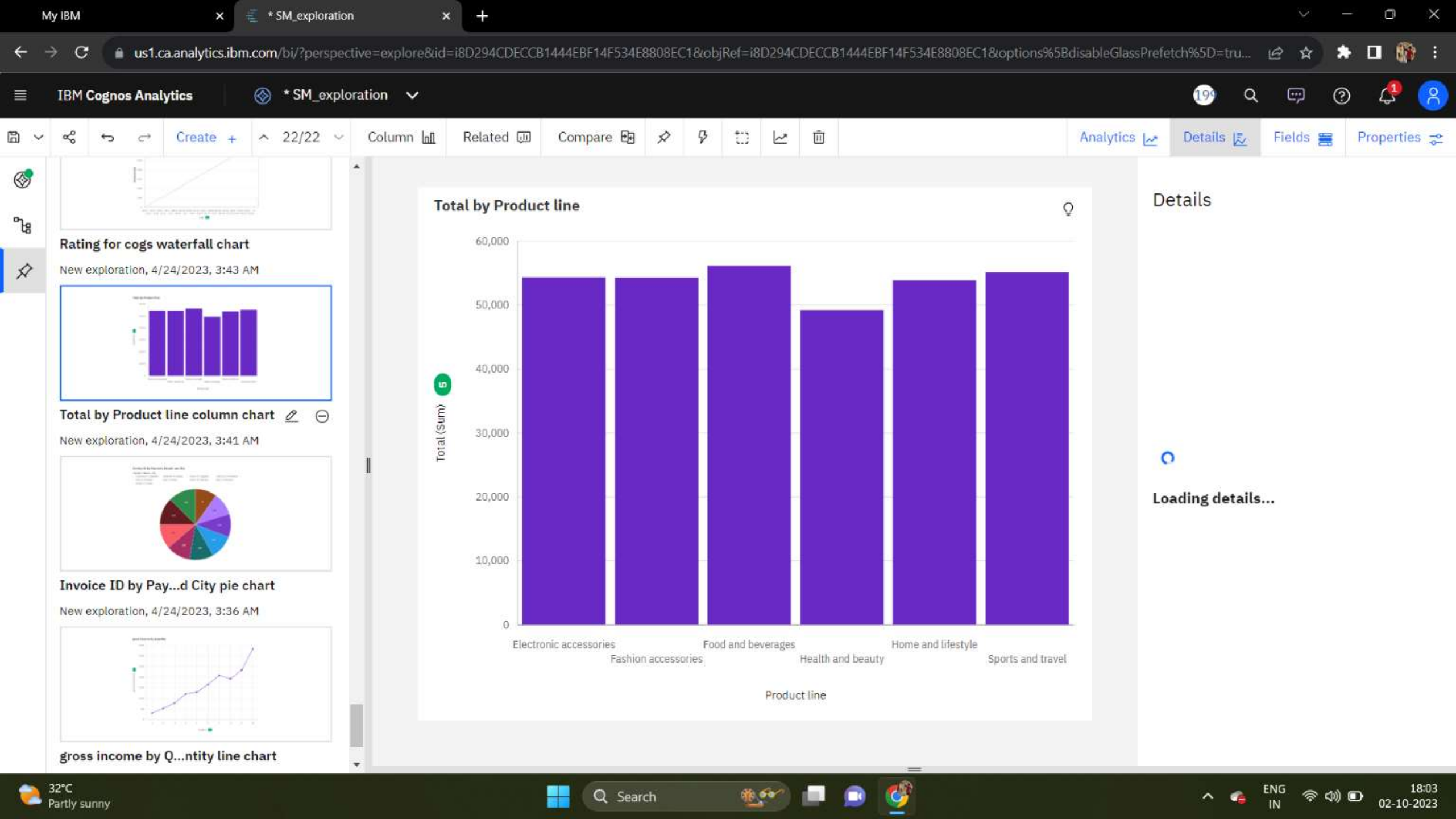
ENG IN

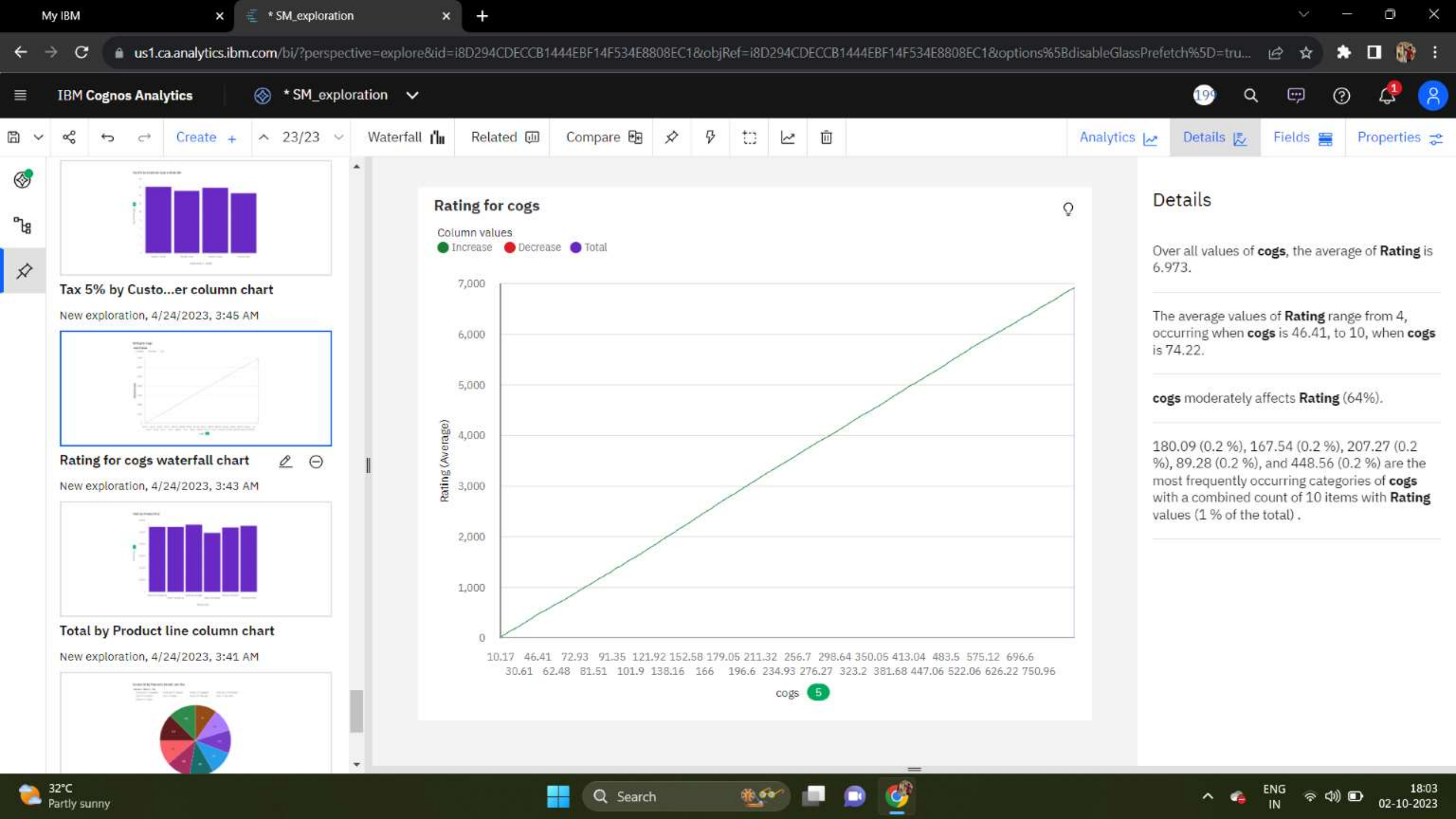
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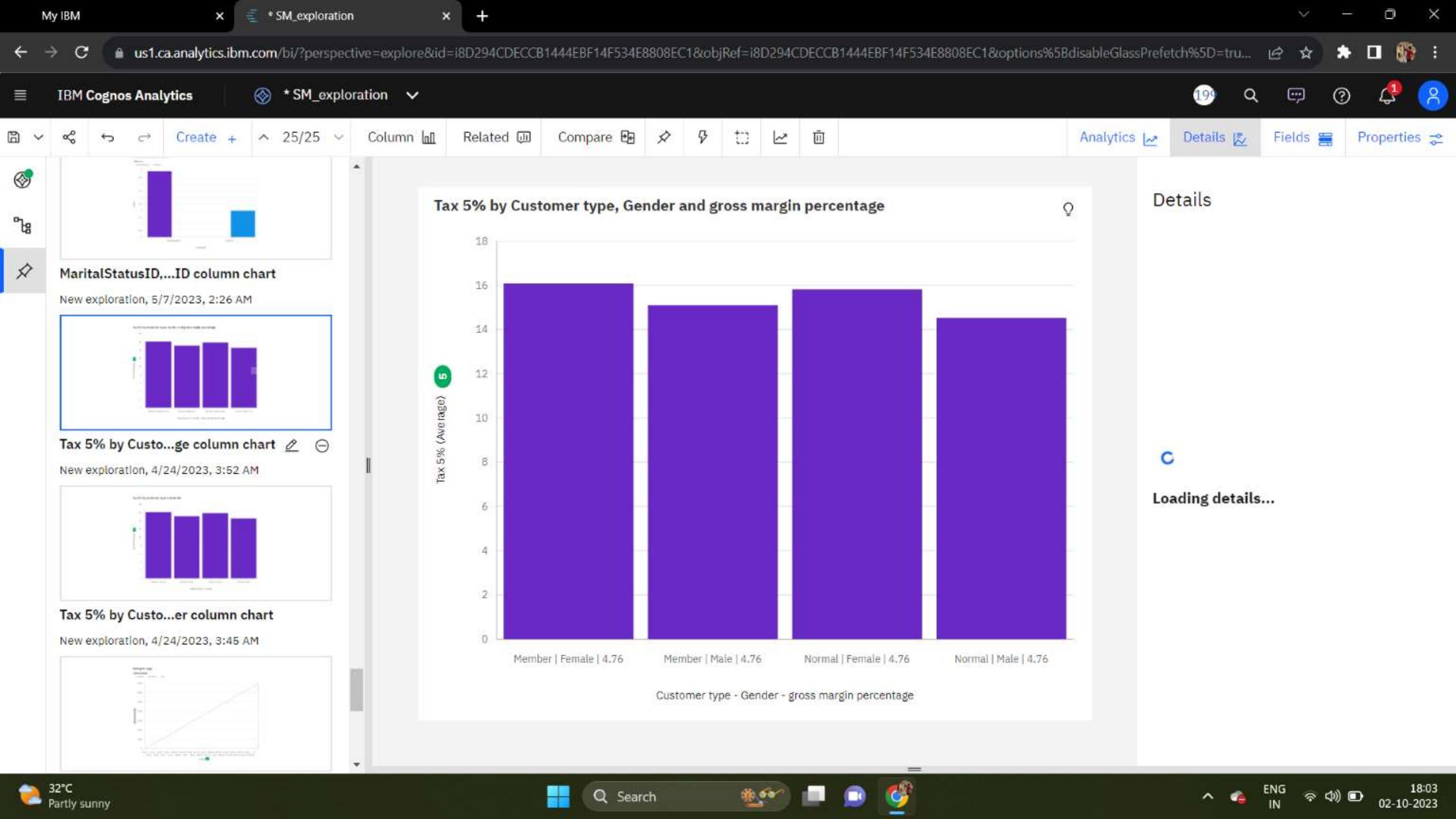
02-10-2023

VISUALIZATIONS





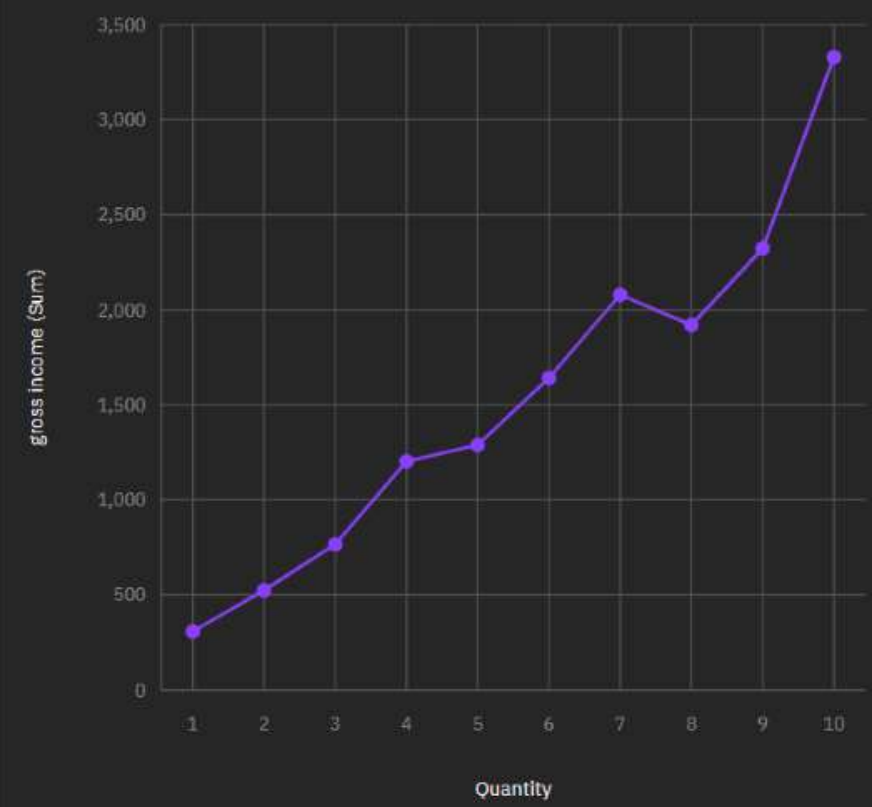




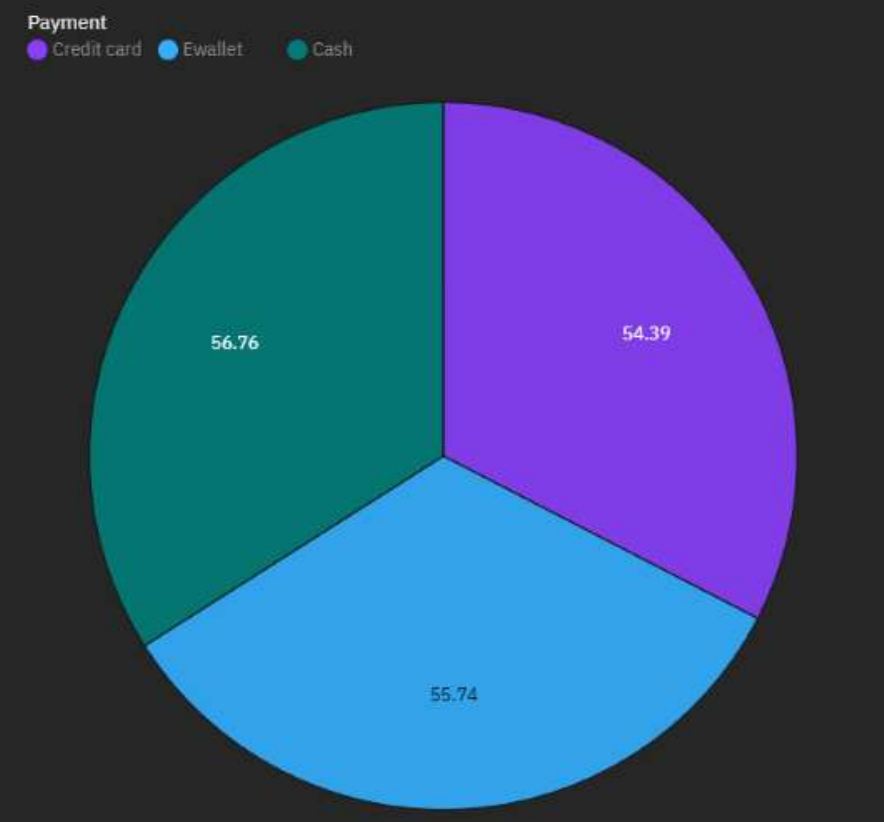
DASHBOARD

SUPER MARKET ANALYSIS

gross income by Quantity



Unit price by Payment



All tabs

Drag and drop data here to filter all tabs.

This tab

Drag and drop data here to filter this tab.

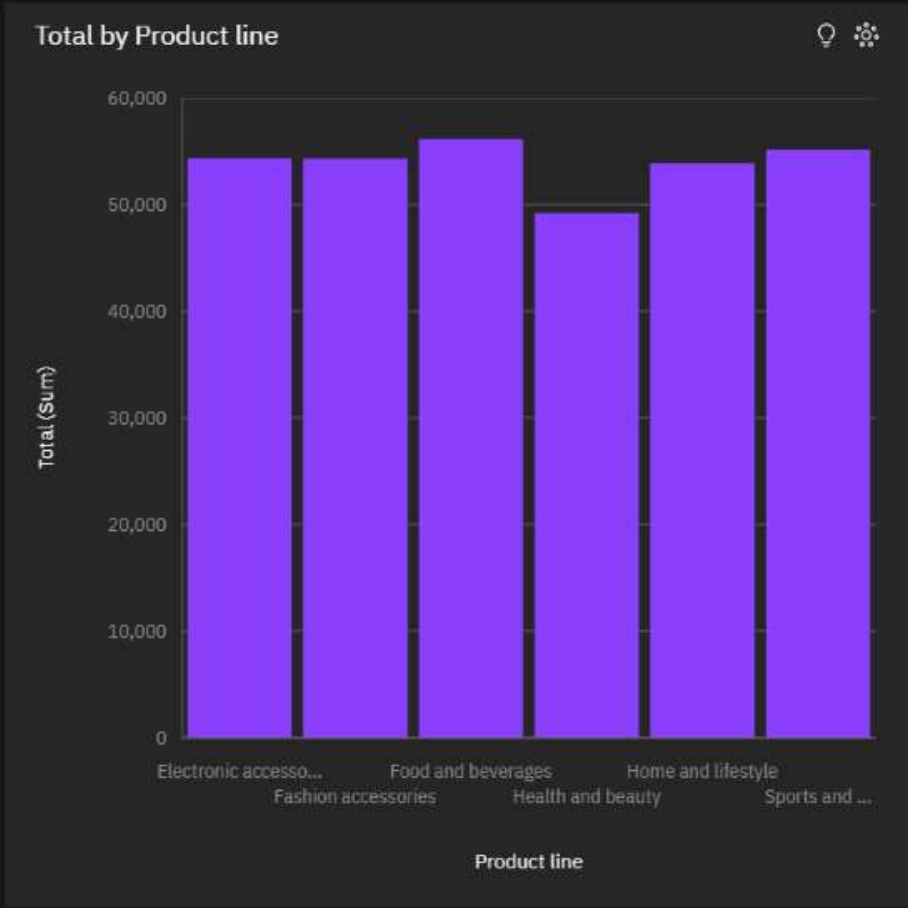
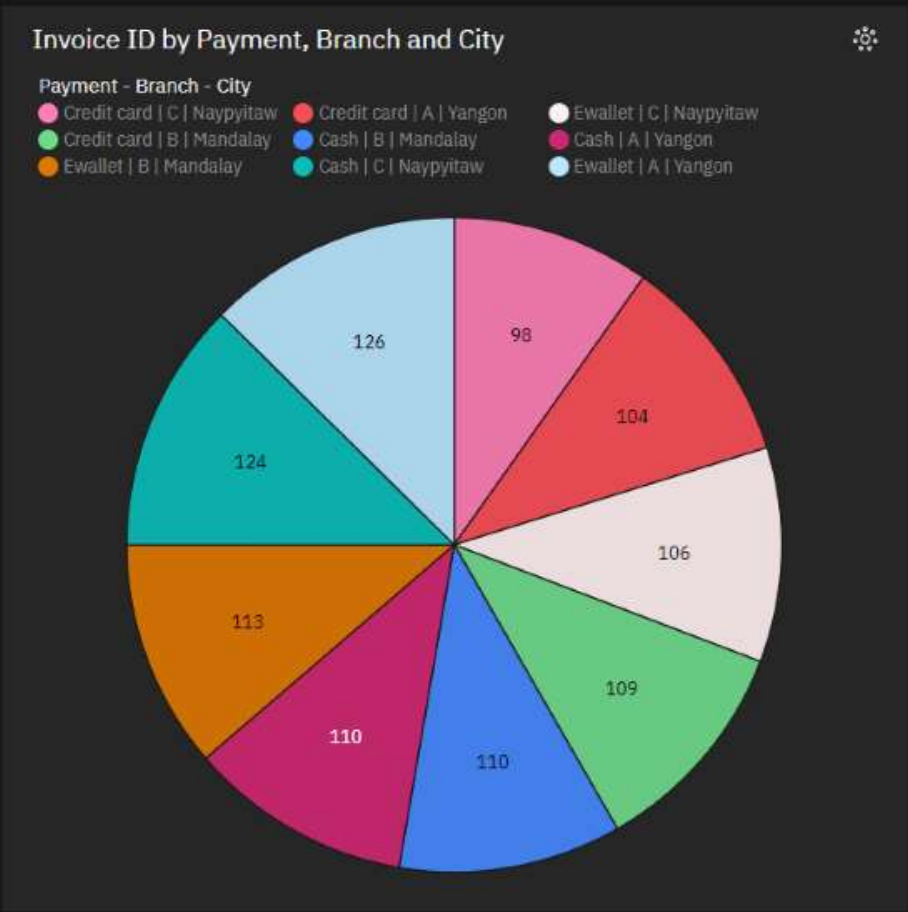
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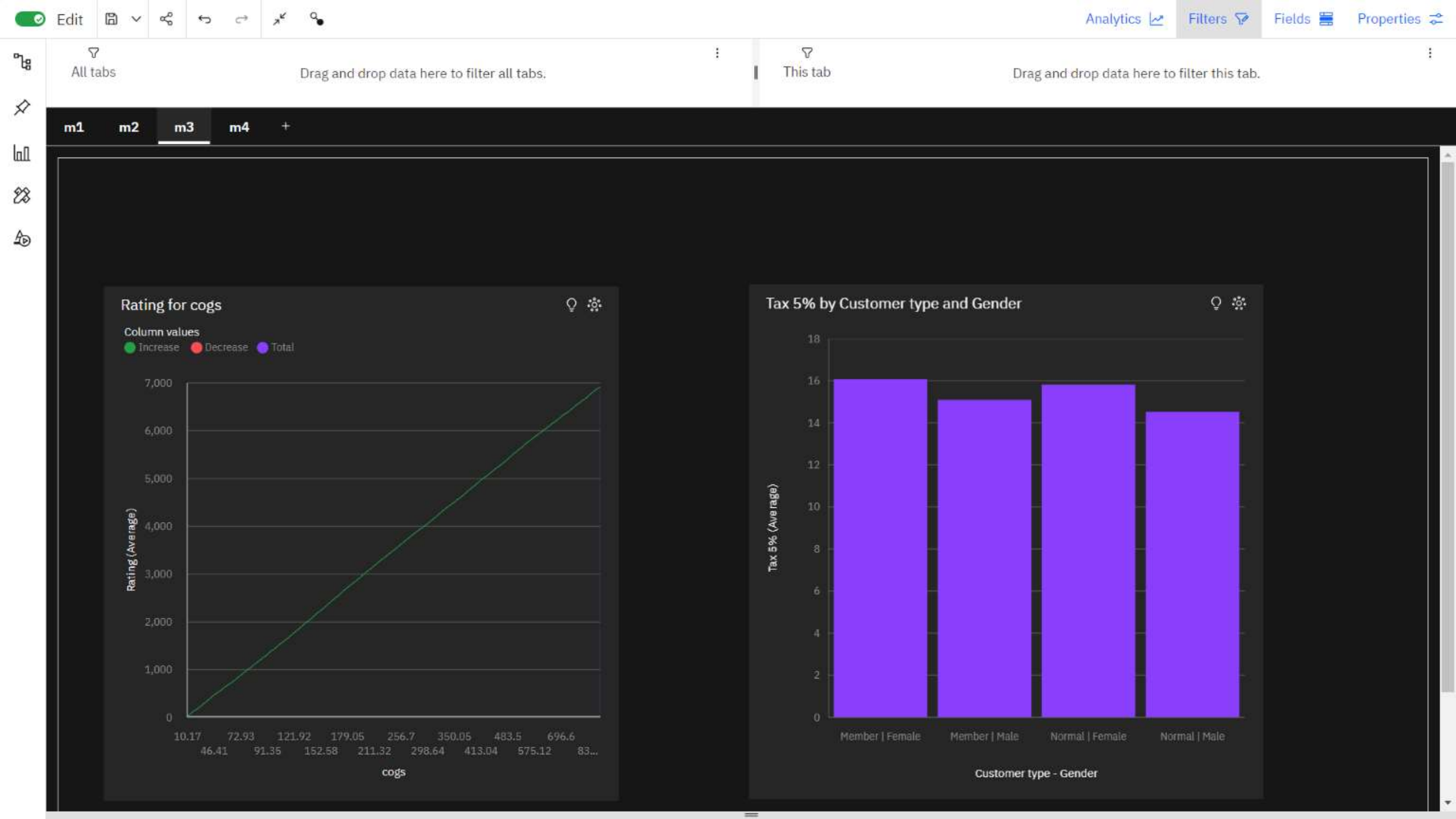
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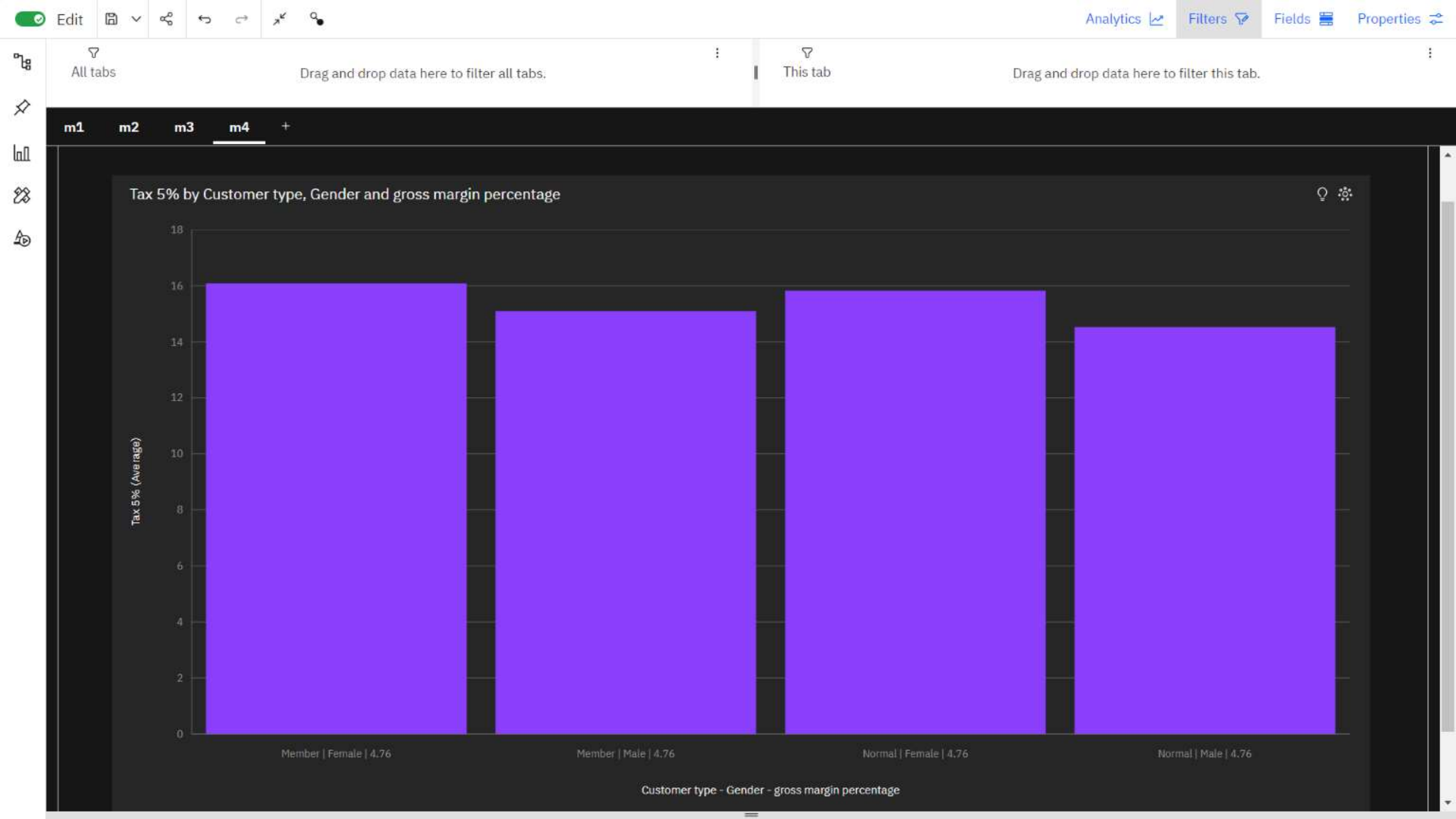
m3

m4

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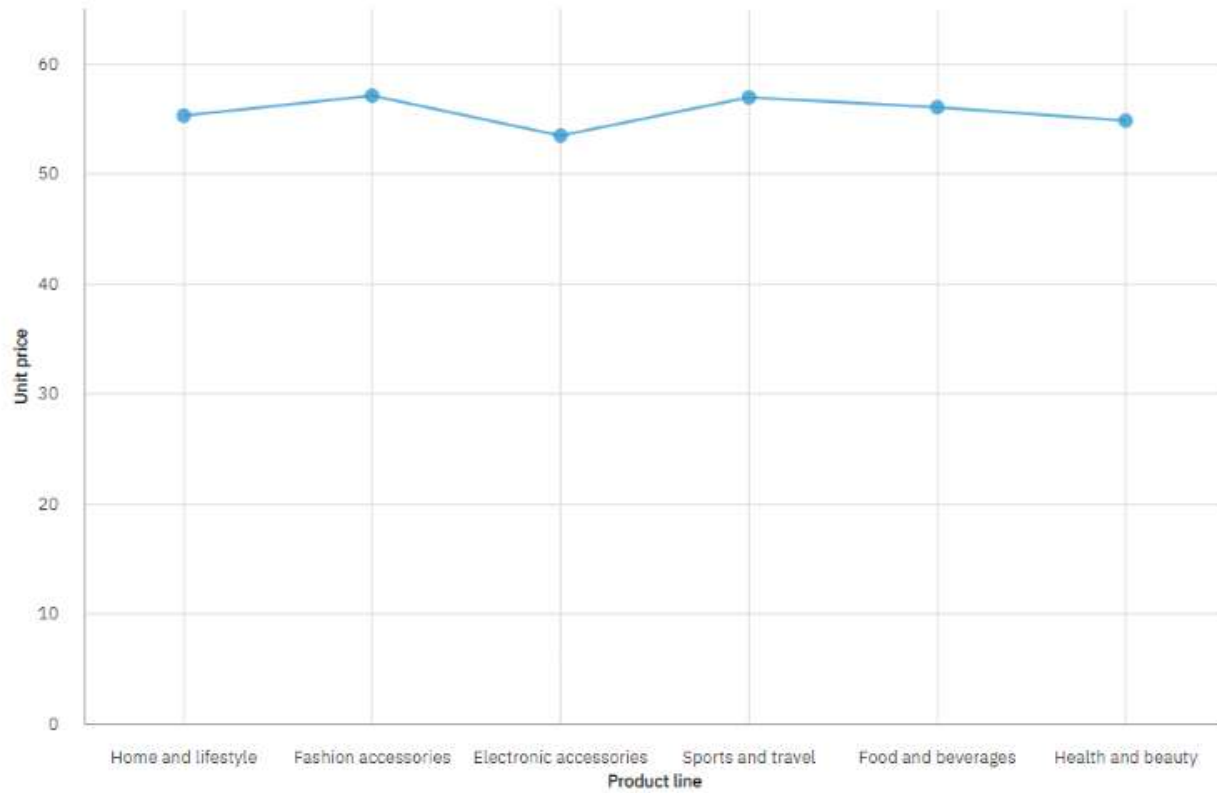




REPORT

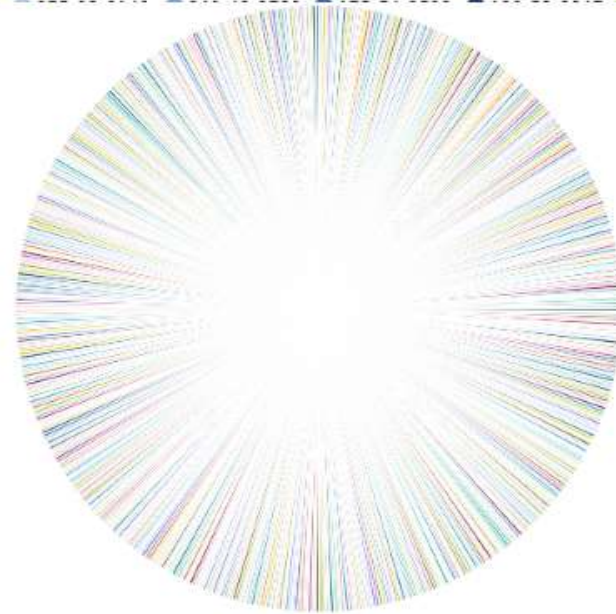
Super Market Growth Analysis

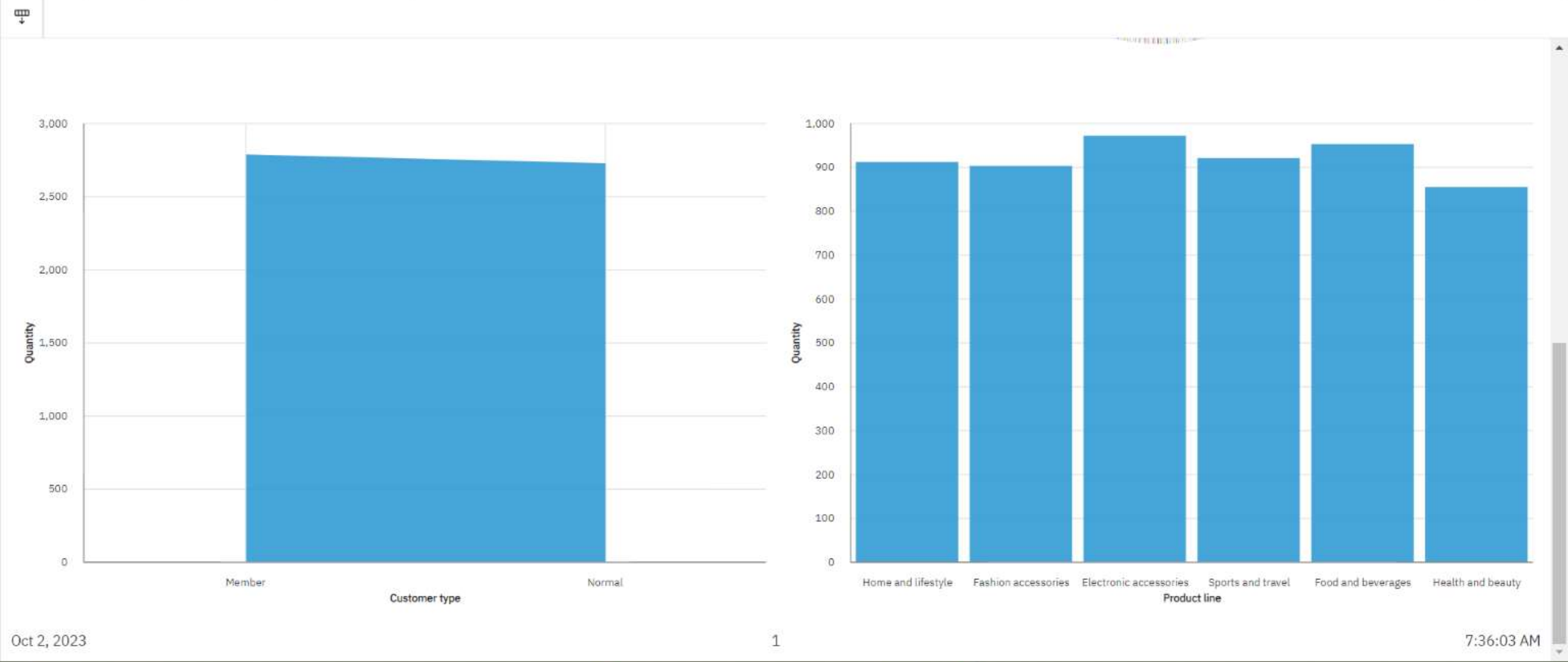
Unit price



Invoice ID

750-67-8428	226-31-3081	315-22-5665	365-64-0515	829-34-3910	299-46-1805	656-95-9349
329-62-1586	227-03-5010	145-94-9061	595-11-5460	183-56-6882	272-65-1806	333-73-7901
777-82-7220	280-35-5823	354-25-5821	228-96-1411	617-15-4209	132-32-9879	162-48-8011
616-24-2851	803-83-5989	232-11-3025	393-65-2792	841-35-6630	287-21-9091	732-94-0499
381-20-0914	360-39-5055	362-58-8315	225-32-0908	594-34-4444	212-62-1842	716-39-1409
704-48-3927	628-34-3388	861-77-0145	237-01-6122	225-98-1496	378-24-2715	668-90-8900
189-08-9157	191-10-6171	695-51-0018	597-78-7908	241-72-9525	488-25-4221	239-10-7476





STORY

SUPER MARKET ANALYSIS



Story properties

Scenes

Story type

Slide show

Scene transition

Animated path

Canvas

Color and theme

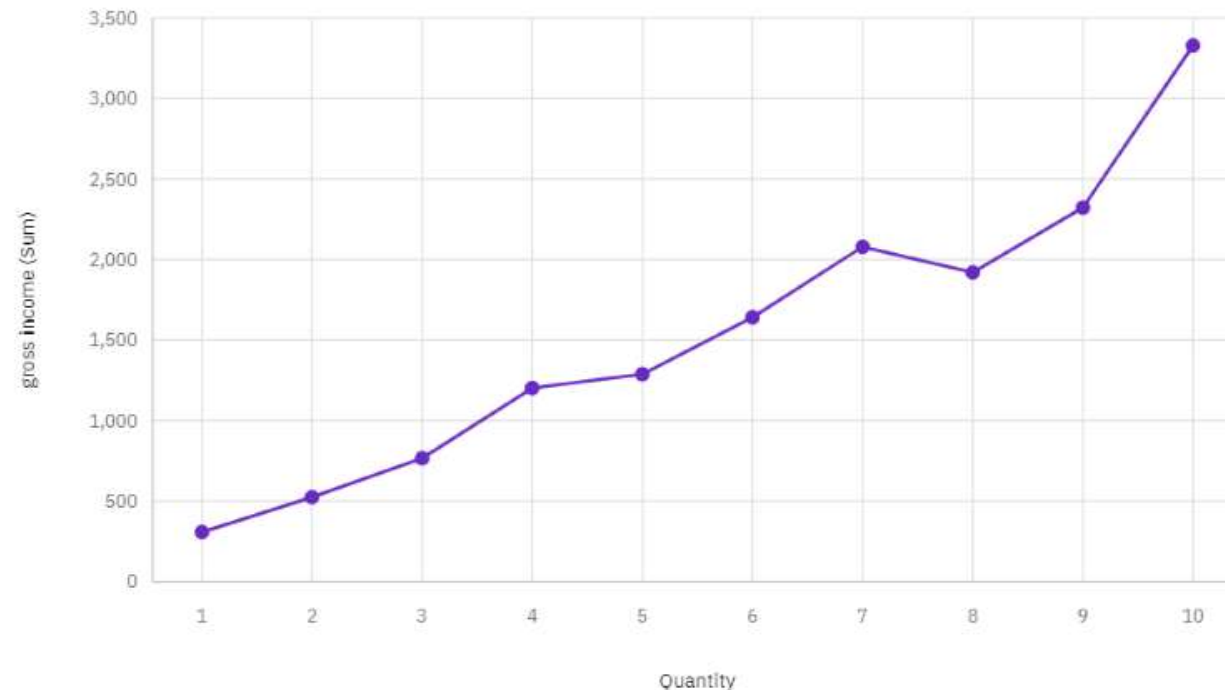
Visualization header icons

Advanced

Gross income by quantity

- Quantity 10 has the highest values of both gross income and cogs.
- gross income is unusually high when Quantity is 10.
- Across all quantities, the sum of gross income is over fifteen thousand.
- gross income ranges from 306.8, when Quantity is 1, to almost 3500, when Quantity is 10.

gross income by Quantity



Story properties

Scenes

Story type

Slide show

Scene transition

Animated path

Canvas

Color and theme

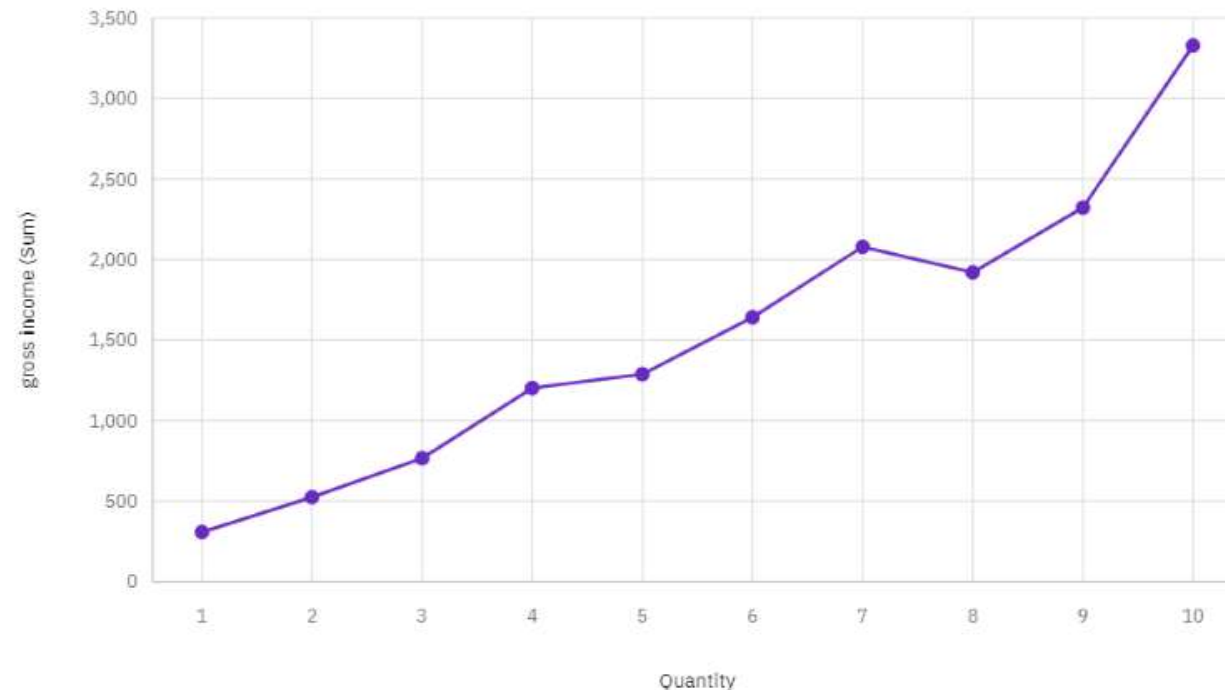
Visualization header icons

Advanced

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gross income by Quantity



Story properties

Scenes

Story type

Slide show

Scene transition

Animated path

Canvas

Color and theme

Visualization header icons

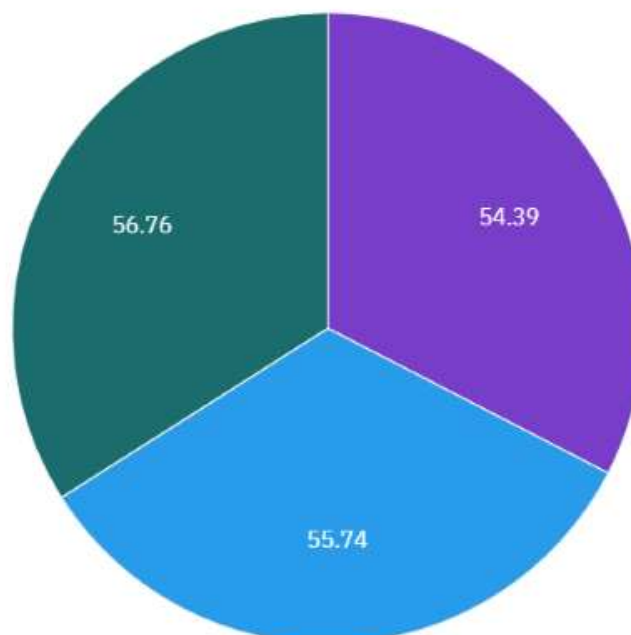
Advanced

Unit price by Quantity

- Payment Cash has the highest values of both Unit price and cogs.
- Ewallet (34.5 %) and Cash (34.4 %) are the most frequently occurring categories of Payment with a combined count of 689 items with Unit price values (68.9 % of the total).
- Over all payments, the average of Unit price is 55.67.
- The average values of Unit price range from 54.39, occurring when Payment is Credit card, to 56.76, when Payment is Cash.

Unit price by Payment

Payment
Credit card Ewallet Cash



Story properties

Scenes

Story type

Slide show

Scene transition

Animated path

Canvas

Color and theme

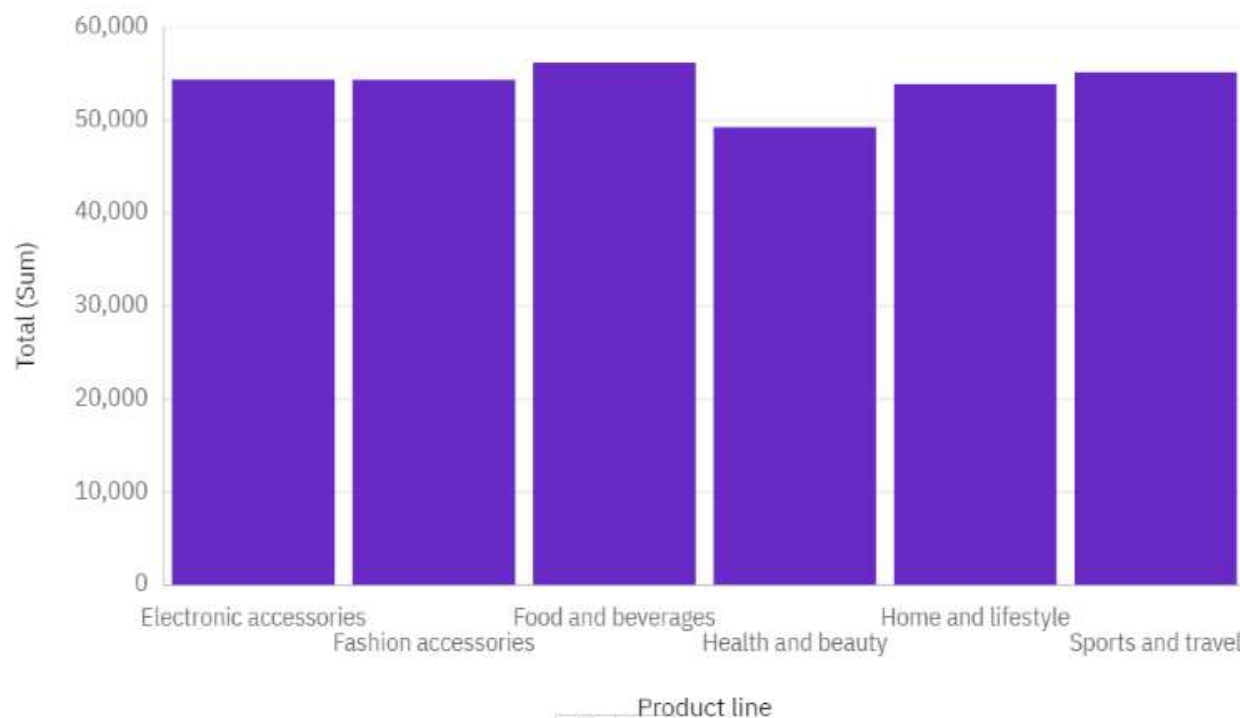
Visualization header icons

Advanced

Product line by Total Sum

- Product line Food and beverages has the highest values of both Total and cogs.
- Over all product lines, the sum of Total is nearly 323 thousand.
- Total ranges from over 49 thousand, when Product line is Health and beauty, to over 56 thousand, when Product line is Food and beverages.
- For Total, the most significant values of Product line are Food and beverages, Sports and travel, Electronic accessories, Fashion accessories, and Home and lifestyle, whose respective Total values add up to almost 274 thousand, or 84.8 % of the total.

Total by Product line



Story properties

Scenes

Story type

Slide show

Scene transition

Animated path

Canvas

Color and theme

Visualization header icons

Advanced

Edit



Analytics

Filters

Fields

Properties

Cogs by Rating

- cogs 74.22 has the highest Average Rating but is ranked #854 in Total Total.
- cogs 789.6 has the highest Total Total but is ranked #307 in Average Rating.
- cogs moderately affects Rating (64%).
- 180.09 (0.2 %), 167.54 (0.2 %), 207.27 (0.2 %), 89.28 (0.2 %), and 448.56 (0.2 %) are the most frequently occurring categories of cogs with a combined count of 10 items with Rating values (1 % of the total).
- Over all values of cogs, the average of Rating is 6.973.
- The average values of Rating range from 4, occurring when cogs is 46.41, to 10, when cogs is 74.22.

Rating for cogs

Column values

● Increase

● Decrease

● Total



Story properties

Scenes

Story type

Slide show

Scene transition

Animated path

Canvas

Color and theme

Visualization header icons

Advanced

Prev scene



Next scene

Scene 6 of 8

0:00.9



0:05.0



My IBM

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us1.ca.analytics.ibm.com/bi/?perspective=story&id=i060425C763444F9590E89AD577FFA3EF&objRef=i060425C763444F9590E89AD577FFA3EF&options%5BdisableGlassPrefetch%5D=true&o...

19°

IBM Cognos Analytics

* Supermarket_story

Edit

Analytics

Filters

Fields

Properties

Customer type by Tax

Customer type Member has the highest values of both Tax 5% and Total.

Gender Female has the highest values of both Tax 5% and Total.

Member|Male is the most frequently occurring category of Customer type - Gender with a count of 501 items with Tax 5% values (50.1 % of the total).

Over all customer type - genders, the average of Tax 5% is 0.499.

The average values of Tax 5% range from 14.53, occurring when Customer type - Gender is Normal|Male, to 16.08, when Customer type - Gender is Member|Female

Tax 5% by Customer type and Gender

Prev scene

00

Next scene

Scene 7 of 8

0:01.1

0:05.0

32°C

Partly sunny

Search

ENG

IN

18:08

02-10-2023

My IBM

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IBM Cognos Analytics

* Supermarket_story

19

Analytics

Filters

Fields

Properties

Edit

Analytics

Filters

Fields

Properties

Story properties

Scenes

Story type

Slide show

Scene transition

Animated path

Canvas

Color and theme

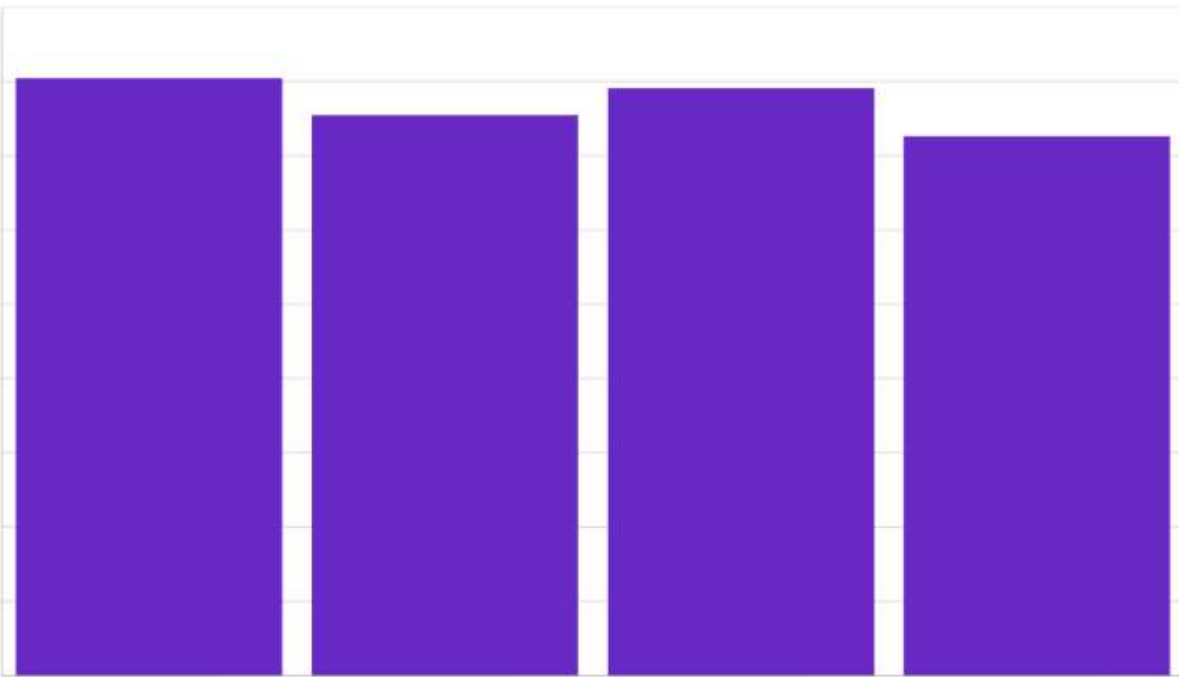
Visualization header icons

Advanced

Tax by Gross margin percentage

Tax 5% by Customer type, Gender and gross margin percentage

- Customer type Member has the highest values of both Tax 5% and Total.
- Gender Female has the highest values of both Tax 5% and Total.
- Normal|Female|4.761904762 is the most frequently occurring category of Customer type - Gender - gross margin percentage with a count of 501 items with Tax 5% values (50.1 % of the total).
- Over all customer type - gender - gross margin percentages, the average of Tax 5% is 0.499.
- The average values of Tax 5% range from 14.53, occurring when Customer type - Gender - gross margin percentage is Normal|Male|4.761904762, to 16.08, when Customer type - Gender - gross margin percentage is Member|Female|4.761904762.



Prev scene

Next scene

Scene 8 of 8

0:01.3

0:05.0

32°C

Partly sunny

Search

ENG IN

18:08

02-10-2023

THANK YOU