



# *DATA ANALYTICS ON SUPER MARKET*



*by*  
*S.HARIPRAKASH*

DATA



Data module

Search

Invoice ID

Branch

City

Customer type

Gender

Product line

Unit price

Quantity

Tax 5%

Total

Date

Time

Payment

cogs

gross ma...centage

gross income

Rating

Grid

Relationships

Custom tables

Row Id	Invoice ID	Branch	City	Customer type	Gender	Product line
1	750-67-8428	A	Yangon	Member	Female	Health a
2	226-31-3081	C	Naypyitaw	Normal	Female	Electron
3	631-41-3108	A	Yangon	Normal	Male	Home ar
4	123-19-1176	A	Yangon	Member	Male	Health a
5	373-73-7910	A	Yangon	Normal	Male	Sports a
6	699-14-3026	C	Naypyitaw	Normal	Male	Electron
7	355-53-5943	A	Yangon	Member	Female	Electron
8	315-22-5665	C	Naypyitaw	Normal	Female	Home ar
9	665-32-9167	A	Yangon	Member	Female	Health a
10	692-92-5582	B	Mandalay	Member	Female	Food and
11	351-62-0822	B	Mandalay	Member	Female	Fashion
12	529-56-3974	B	Mandalay	Member	Male	Electron
13	365-64-0515	A	Yangon	Normal	Female	Electron
14	252-56-2600	A	Yangon	Normal	Male	Electron

Data module

# EXPLORATIONS





A bar chart with 'Branch' on the x-axis and 'City (Count distinct)' on the y-axis. The y-axis ranges from 0 to 1.0 in increments of 0.1. There are three bars, one for each branch: A, B, and C. All three bars reach the value of 1.0 on the y-axis.

Branch	City (Count distinct)
A	1.0
B	1.0
C	1.0

The total number of results for **City**, across all **branches**, is a thousand.

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A is the most frequently occurring category of **Branch** with a count of 340 items with **City** values (34 % of the total).



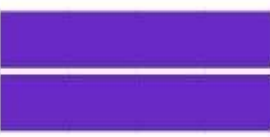
Cards

City by Branch



1

Gender by Customer type



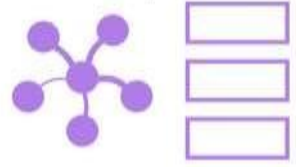
2

Product line co... Customer type

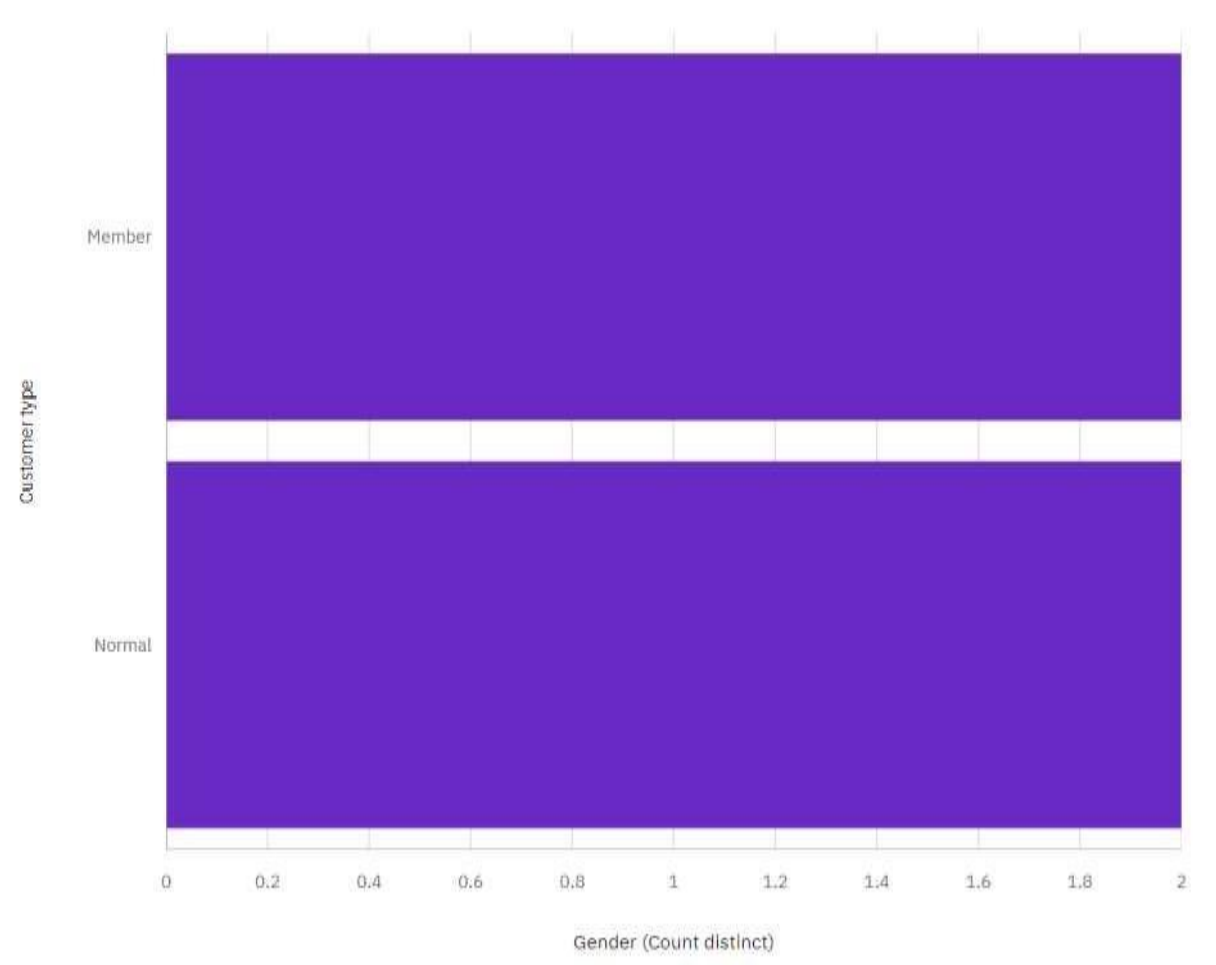


3

Data relationships



Gender by Customer type



Details

The total number of results for **Gender**, across all **customer types**, is a thousand.

Member is the most frequently occurring category of **Customer type** with a count of 501 items with **Gender** values (50.1 % of the total).


Cards

City by Branch



1

Gender by Customer type



2

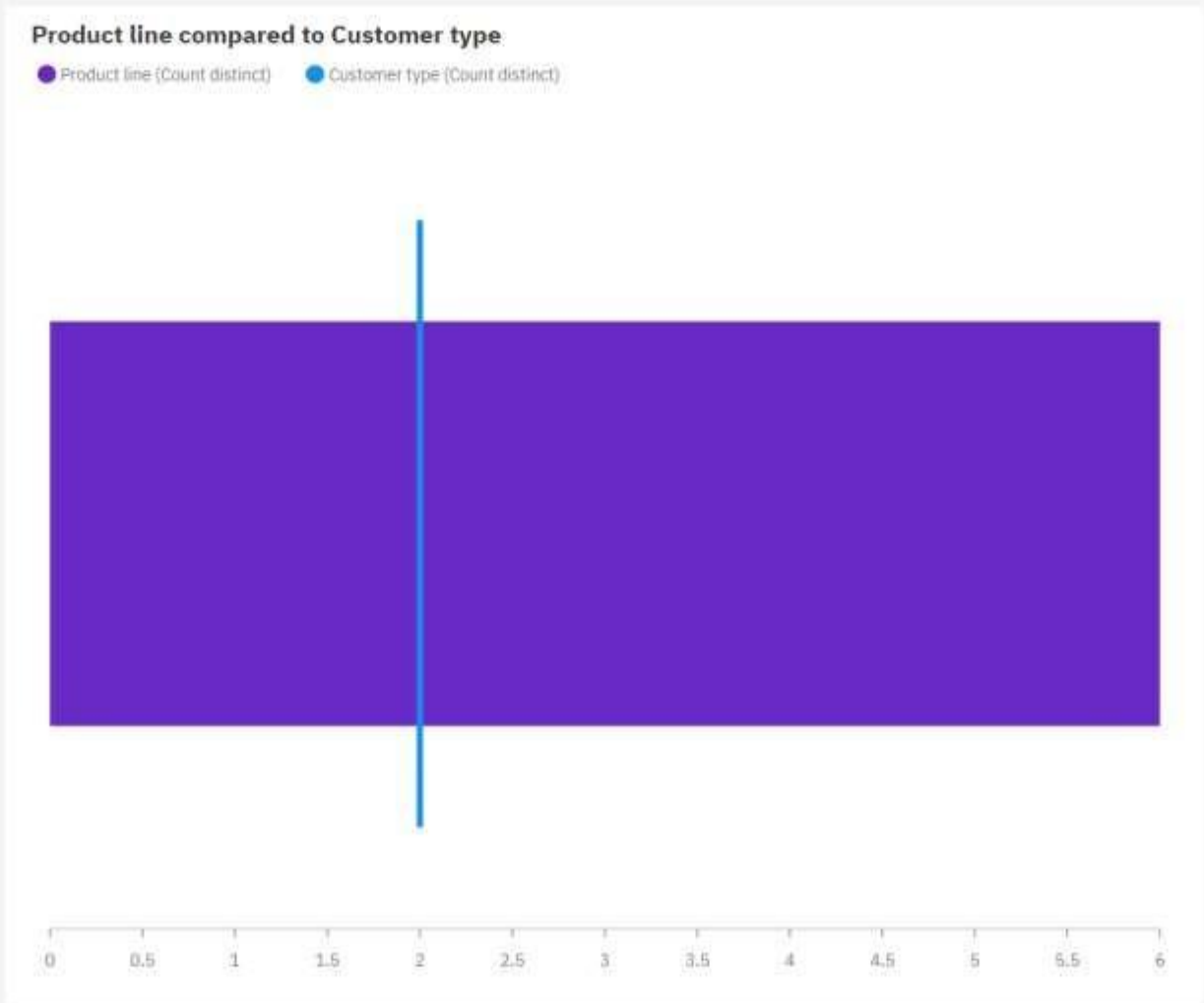
Product line co... Customer type



3

Data relationships





Details

The overall number of results for **Product line** is a thousand.



📄

Cards

2

Product line co... Customer type

3

Product line sized by Unit price

4

Customer type by Branch

Data relationships

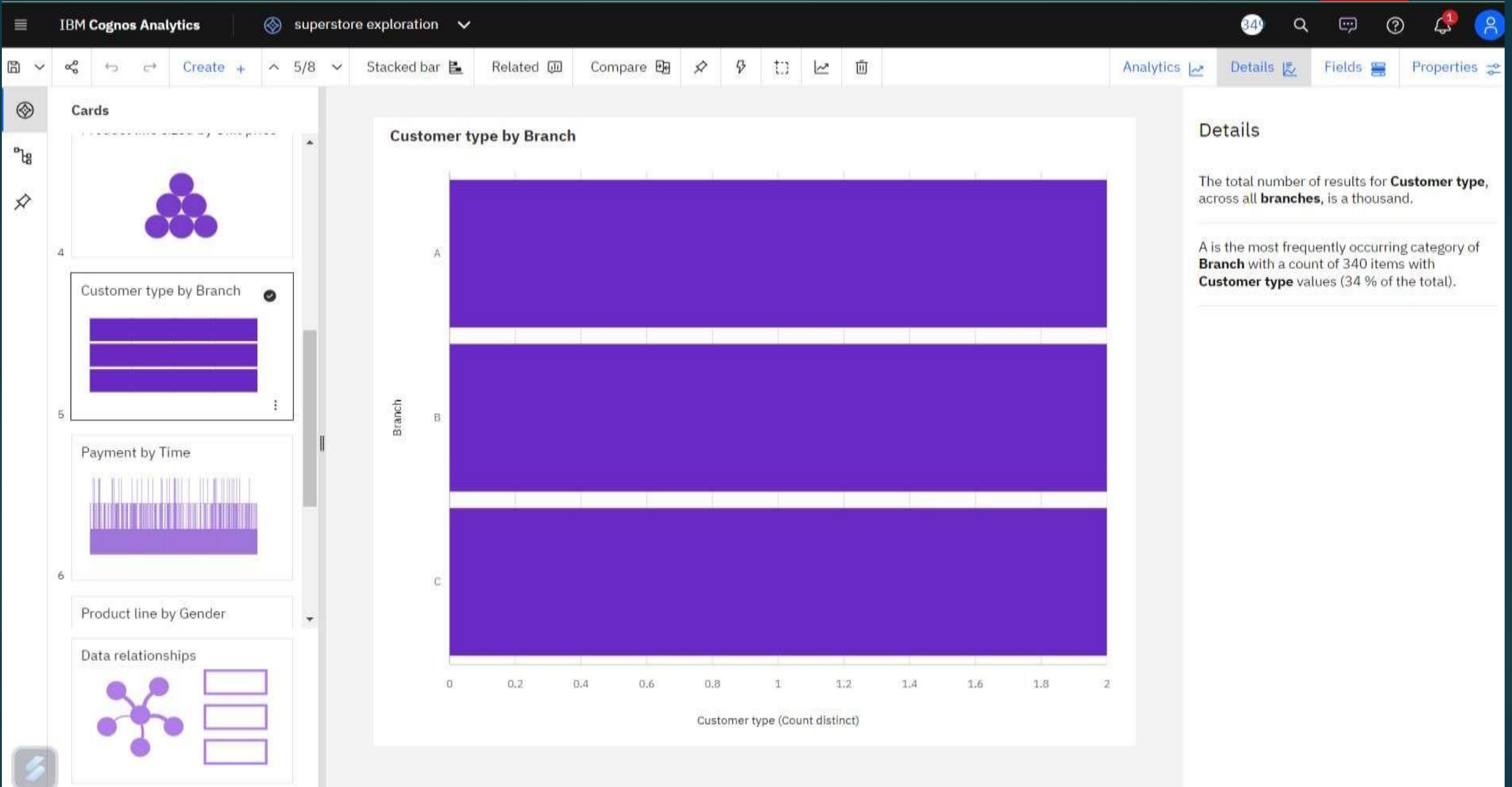


### Details

Over all **product lines**, the average of **Unit price** is 55.67.

The average values of **Unit price** range from 53.55, occurring when **Product line** is Electronic accessories, to 57.15, when **Product line** is Fashion accessories.

Fashion accessories (17.8 %), Food and beverages (17.4 %), Electronic accessories (17 %), Sports and travel (16.6 %), and Home and lifestyle (16 %) are the most frequently occurring categories of **Product line** with a combined count of 848 items with **Unit price** values (84.8 % of the total) .



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Cards

🔗

5

🔗

6

Payment by Time

✓

🔗

7

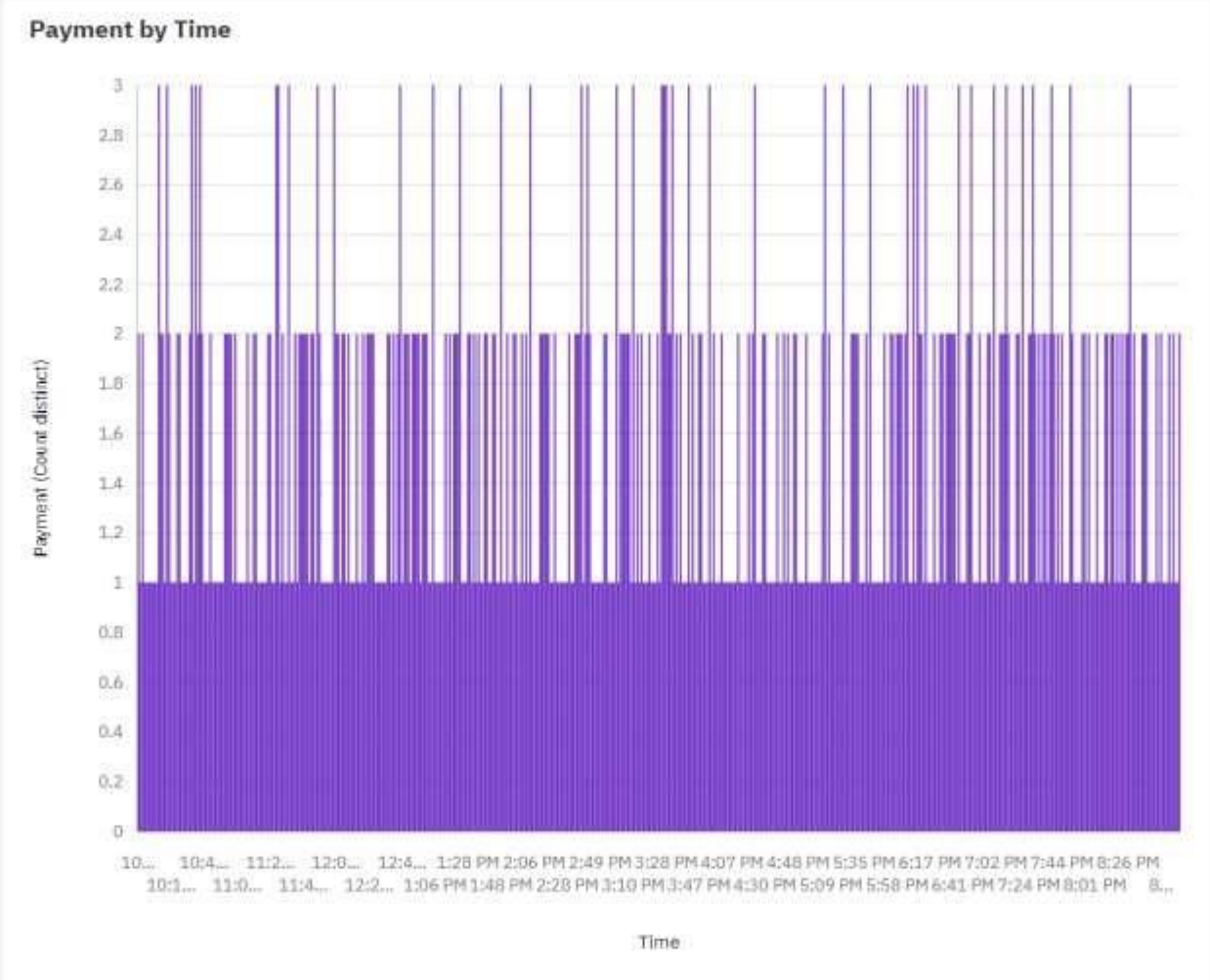
Product line by Gender

🔗

Product line for Gender

🔗

Data relationships



### Details

The total number of results for **Payment**, across all **times**, is a thousand.

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19:48:00 (0.7 %), 14:42:00 (0.7 %), and 17:38:00 (0.6 %) are the most frequently occurring categories of **Time** with a combined count of 20 items with **Payment** values (2 % of the total).

IBM Cognos Analytics

superstore exploration

34°

1

Create +

7/8

Pie

Related

Compare

Analytics

Details

Fields

Properties

Cards

5

6

7

Product line by Gender

Product line for Gender

Data relationships

Product line by Gender

Gender

Female

Male

6

6

Male

Product line (Count distinct): 6

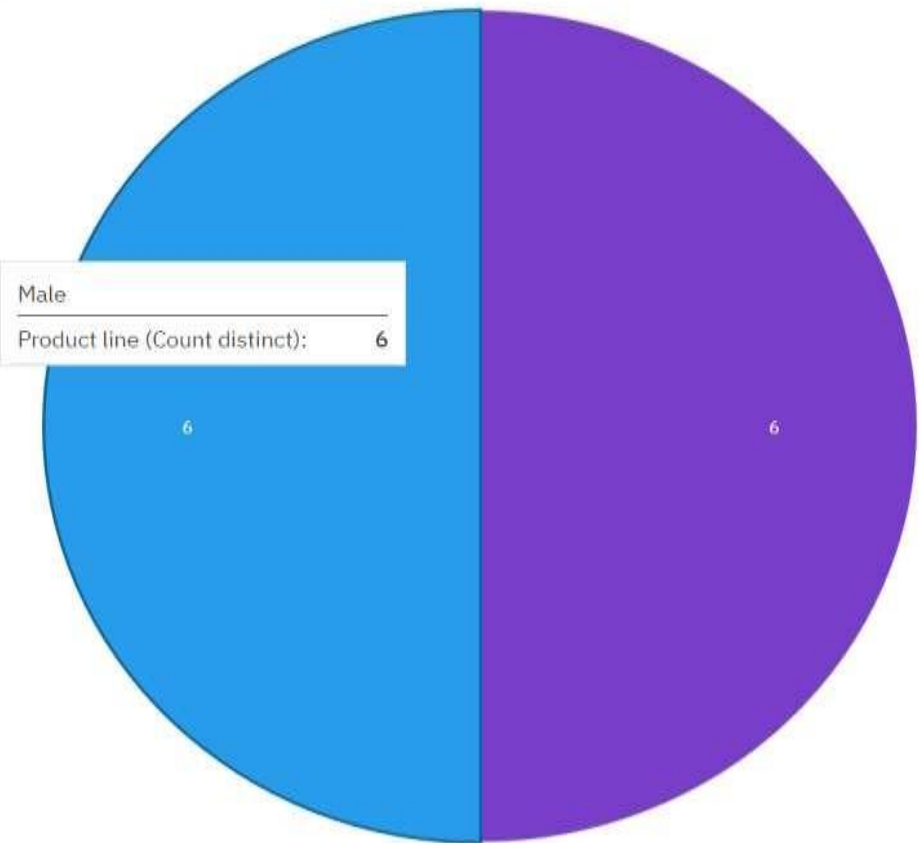
Details

The total number of results for **Product line**, across all **genders**, is a thousand.

Female is the most frequently occurring category of **Gender** with a count of 501 items with **Product line** values (50.1 % of the total).

Product line by Gender

Gender  
Female Male



Details

The total number of results for **Product line**, across all **genders**, is a thousand.

Female is the most frequently occurring category of **Gender** with a count of 501 items with **Product line** values (50.1 % of the total).

Cards

Payment by Time

6

Product line by Gender

7

Gender and Product line

8

Data relationships

Gender and Product line	
Gender	Product line
Female	Electronic accessories
	Fashion accessories
	Food and beverages
	Health and beauty
	Home and lifestyle
	Sports and travel
Male	Electronic accessories
	Fashion accessories
	Food and beverages
	Health and beauty
	Home and lifestyle
	Sports and travel

Fields

Columns\*

Required field

Gender

Product line

Click or drag data here

Local filters

Click or drag data here

DASHBOARD





All tabs

Drag and drop data here to filter all tabs.

This tab

Drag and drop data here to filter this tab.

## SUPERSTORE ANALYSIS

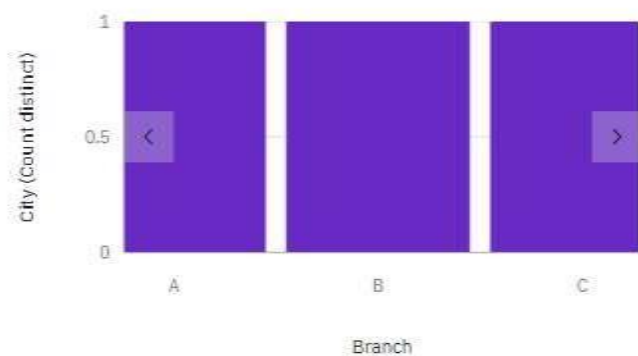
## SUPERSTORE ANALYSIS

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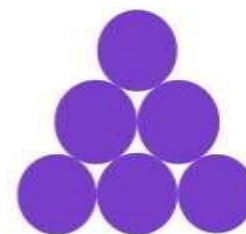
+

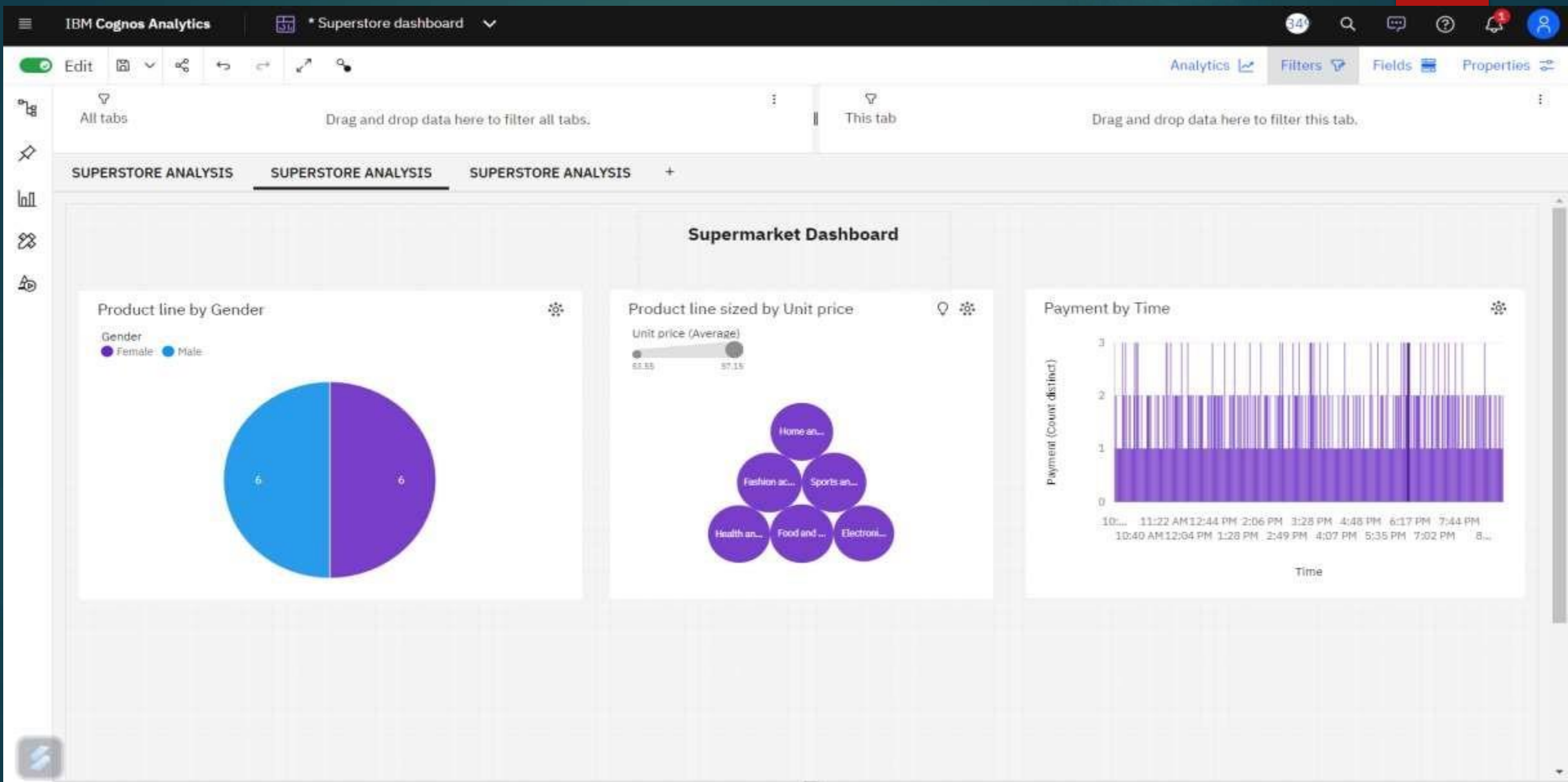
## supermarket Dashboard

City by Branch



Product line sized by Unit price







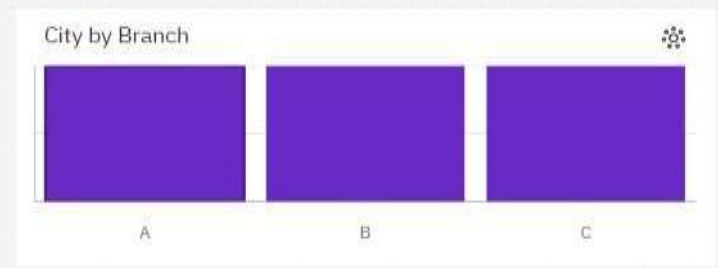
All tabs ⌵ Drag and drop data here to filter all tabs. || This tab ⌵ Drag and drop data here to filter this tab.

SUPERSTORE ANALYSIS SUPERSTORE ANALYSIS SUPERSTORE ANALYSIS +

### Supermarket Dashboard

Product line for Gender

	Product line	
Female		6
Male		6
<b>Summary</b>		<b>6</b>



STORY

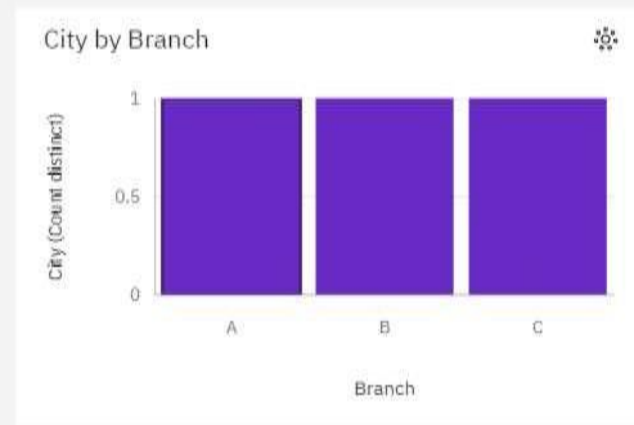


🔍 All scenes  
 Drag and drop data here to filter all scenes.

🔍 This scene  
 Drag and drop data here to filter this scene.

# city by branch

The total number of results for City across all branches, is a thousand.  
 A is the most frequently occurring category of Branch with a count of 340 items with City values (34 % of the total).



All scenes

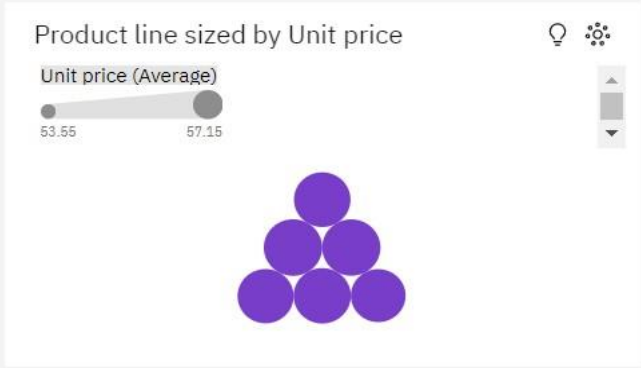
Drag and drop data here to filter all scenes.

This scene

Drag and drop data here to filter this scene.

# product line sized by unit price

- The total number of results for City, across all branches, is a thousand.
- A is the most frequently occurring category of Branch with a count of 340 items with City values (34 % of the total).



1



2



3



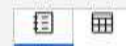
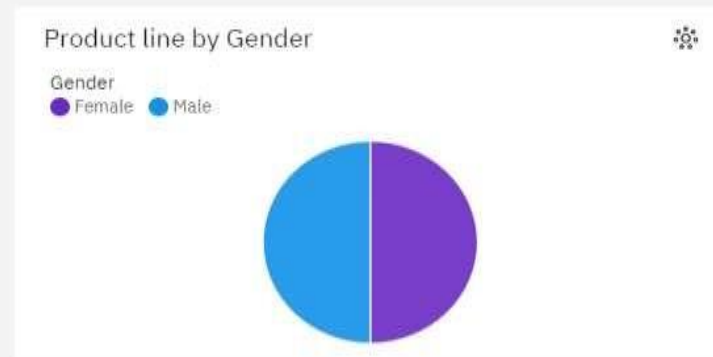


🔗
All scenes
 Drag and drop data here to filter all scenes.

🔗
This scene
 Drag and drop data here to filter this scene.

# product line by gender

- The total number of results for City, across all branches, is a thousand.
- A is the most frequently occurring category of Branch with a count of 340 items with City values (34 % of the total).



REPORT





Maintenance: Cognos Analytics Maintenance: 21st of Oct, 9:00-17:00 UTC Click on More Info to see what actions may be necessary and to subscribe to future events

Dismiss



Edit



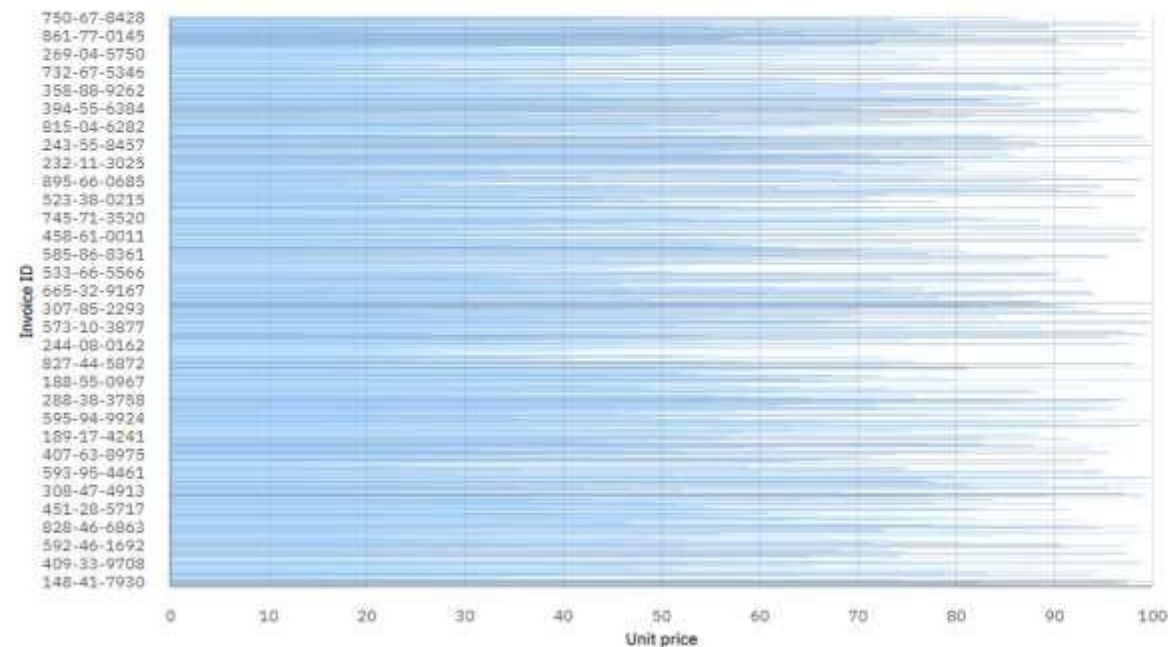
HTML



Filters



Total

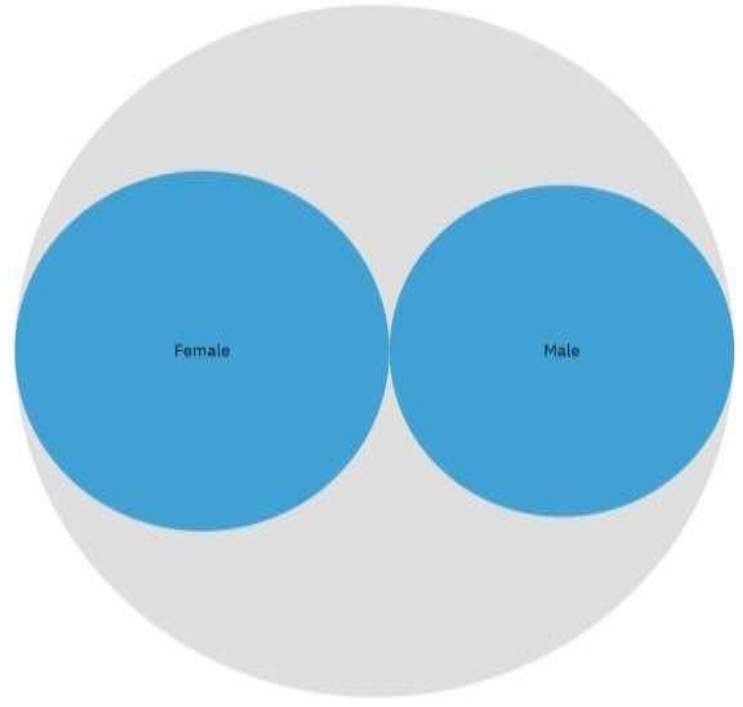
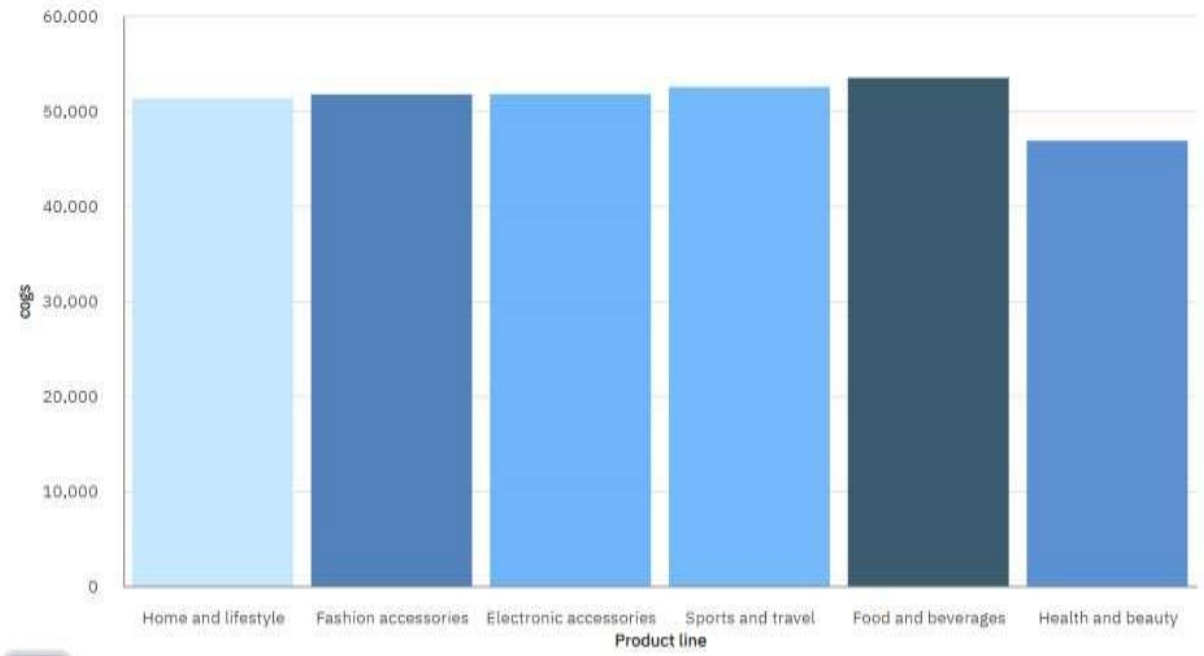
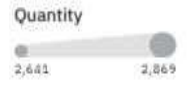
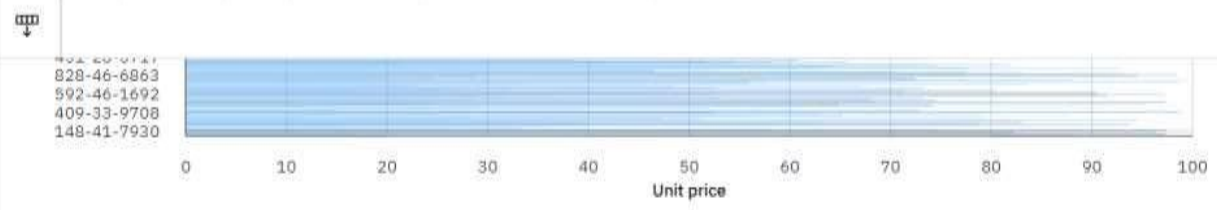


Rating

Quantity

🔍 Edit 📄 🗑️ ↶️ ↷️ ▶️ ↺️ HTML

⋮ 🗑️ Filters





THANK YOU

