

DATA VISUALIZATION ON SUPERMARKET ANALYSIS

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My IBM

Content

SSdataModule

WhatsApp

us3.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=i84FB27A2B72B4749AAAF7AB9B0AFEB0C&closeWindowOnLastView=true&objRef=i84FB27A2B72B4749AAAF7AB9B0AFEB0C&tid=...

Gmail

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All Bookmarks

IBM Cognos Analytics

SSdataModule

19

Properties

Data module

Search

SSdataModule

Navigation paths

New_supermarketSales

supermarke...Sheets.csv

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

Type here to search

29°C Mostly clear

08:24 PM 01-10-2023

EXPLORATION

Cards

1

Invoice ID

1K

2

Branch by Branch

3

Branch for City regions

Branch by Cust... Customer type

Data relationships



Cards

Invoice ID

1K

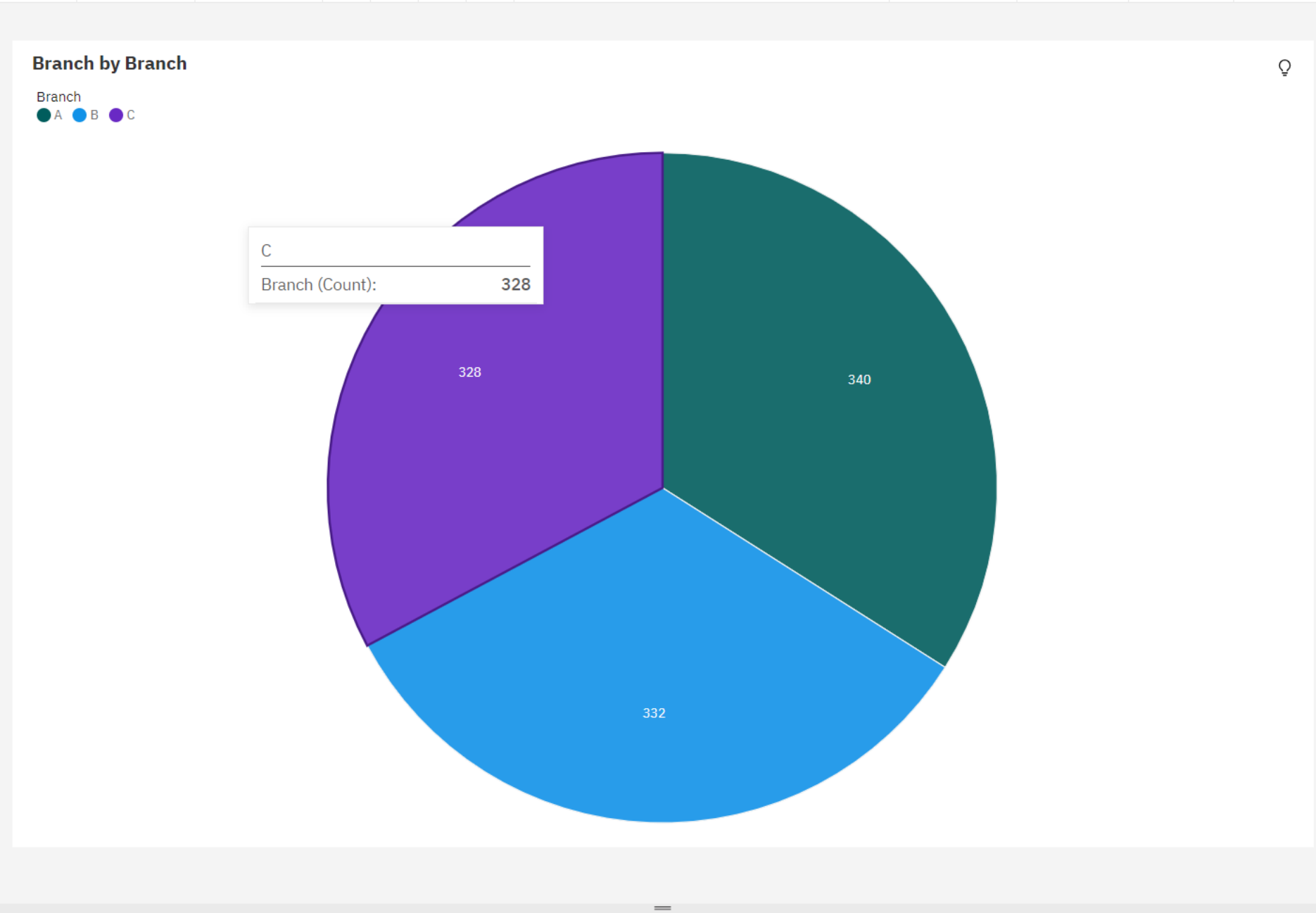
Invoice ID

Branch by Branch

Branch for City regions

Branch by Cust... Customer type

Data relationships



IBM Cognos Analytics

SS_exploration

19%

Q

3/15

Map

Related

Compare

Analytics

Details

Fields

Properties


Cards

Invoice ID


1K

Invoice ID

Branch by Branch




Branch for City regions



Branch by Cust... Customer type


Data relationships



Branch for City regions


Branch

A C B




Cards

Branch by Branch



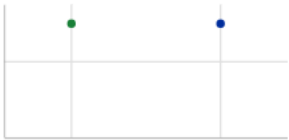
2

Branch for City regions




3

Branch by Cust... Customer type




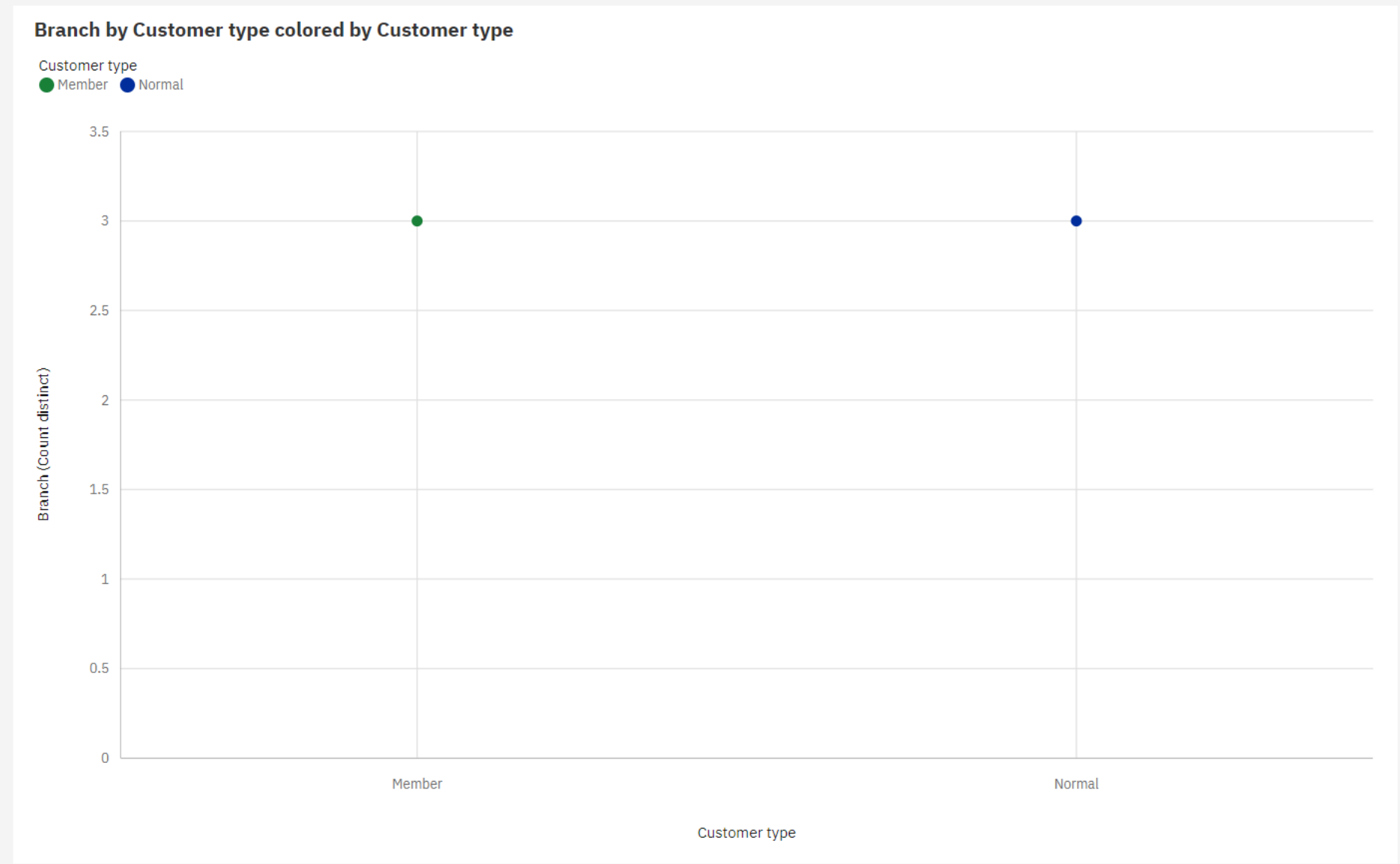
4

Gender by Gender



Data relationships





Cards

3

Branch by Cust... Customer type

4

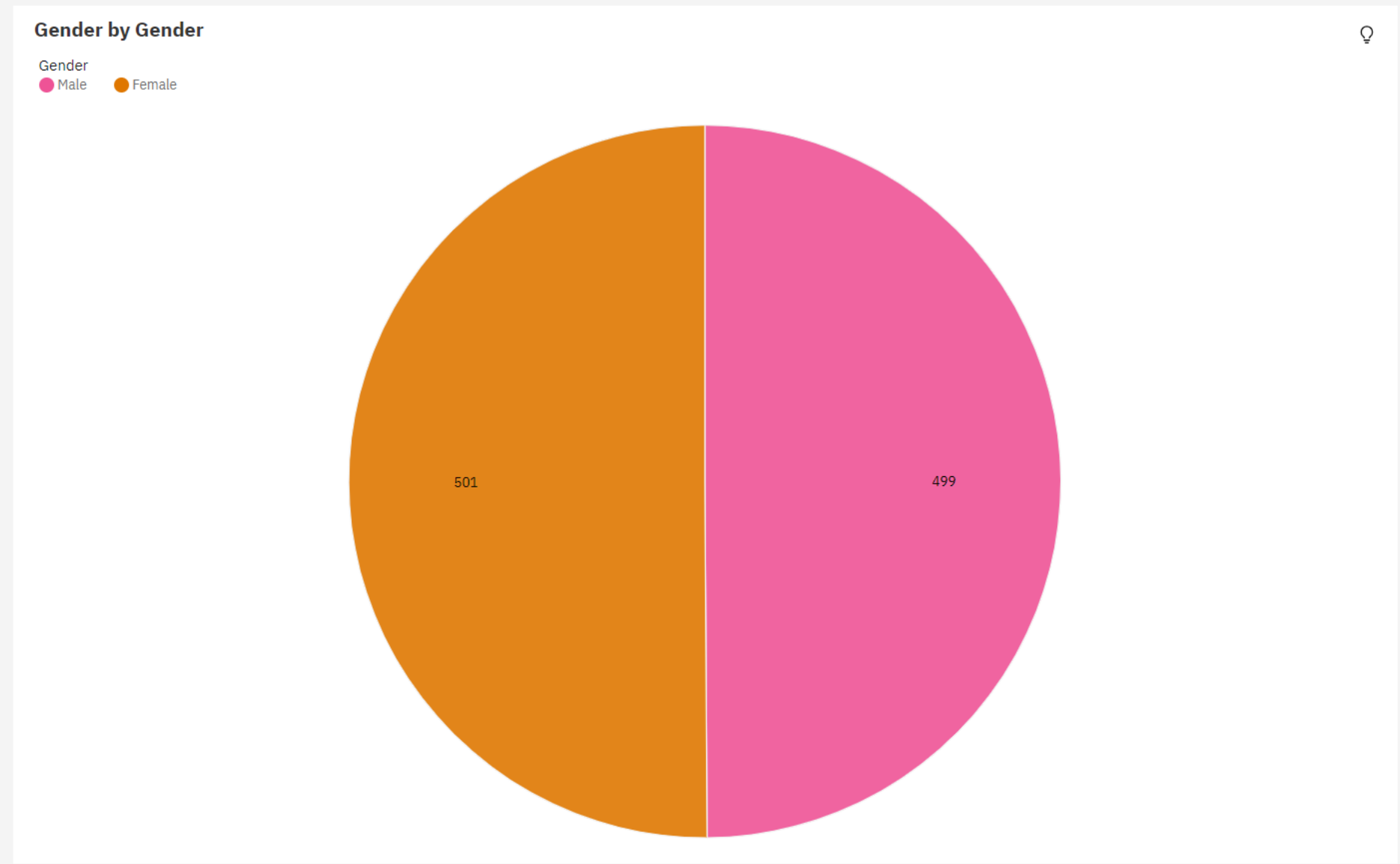
Gender by Gender

5

Customer type b...y Product line

6

Data relationships



Cards

Gender by Gender

5

Customer type b...y Product line

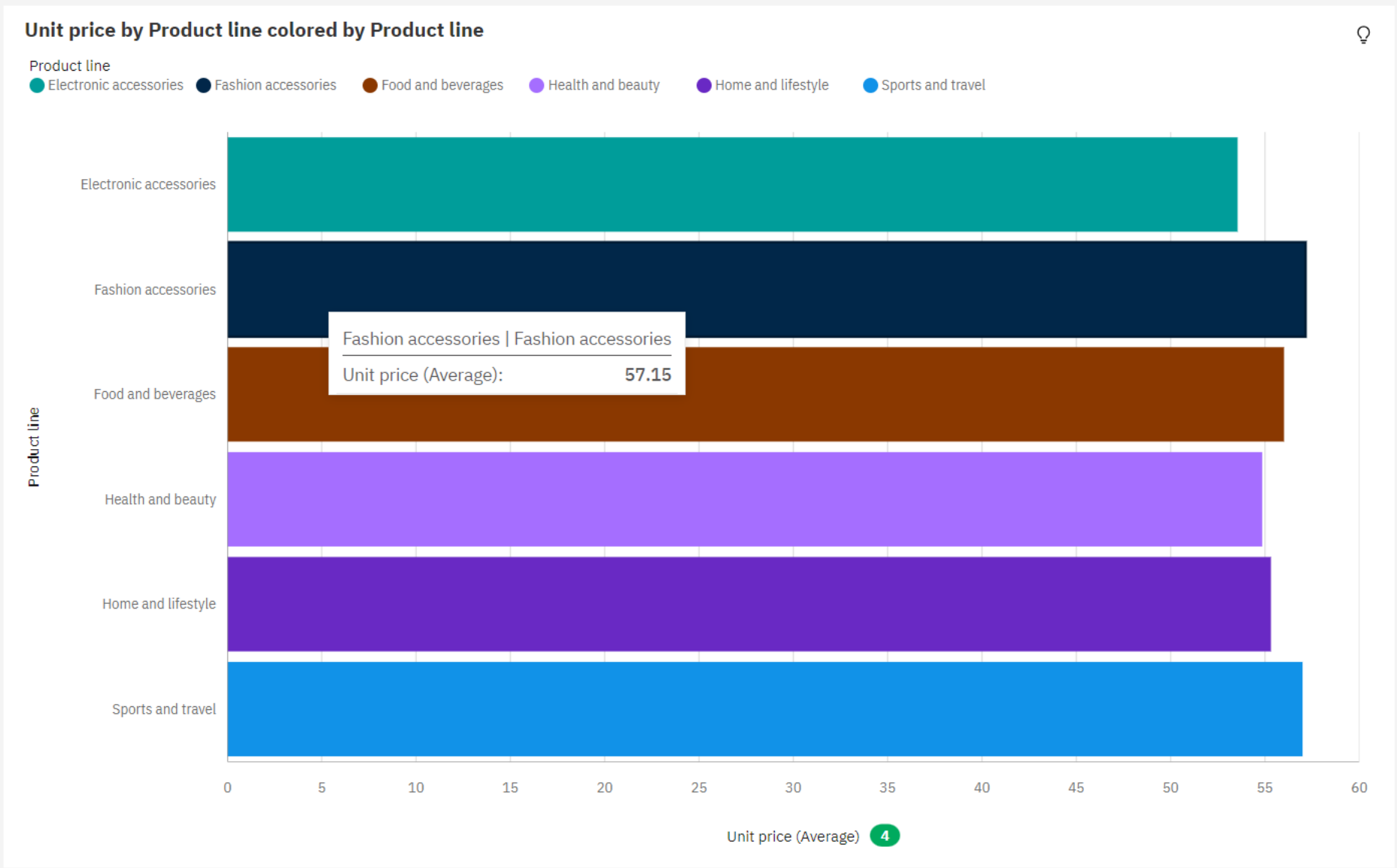
6

Unit price by Pr...by Product line

7

Customer type...ed by Quantity

Data relationships



Cards

6

Unit price by Pr...by Product line

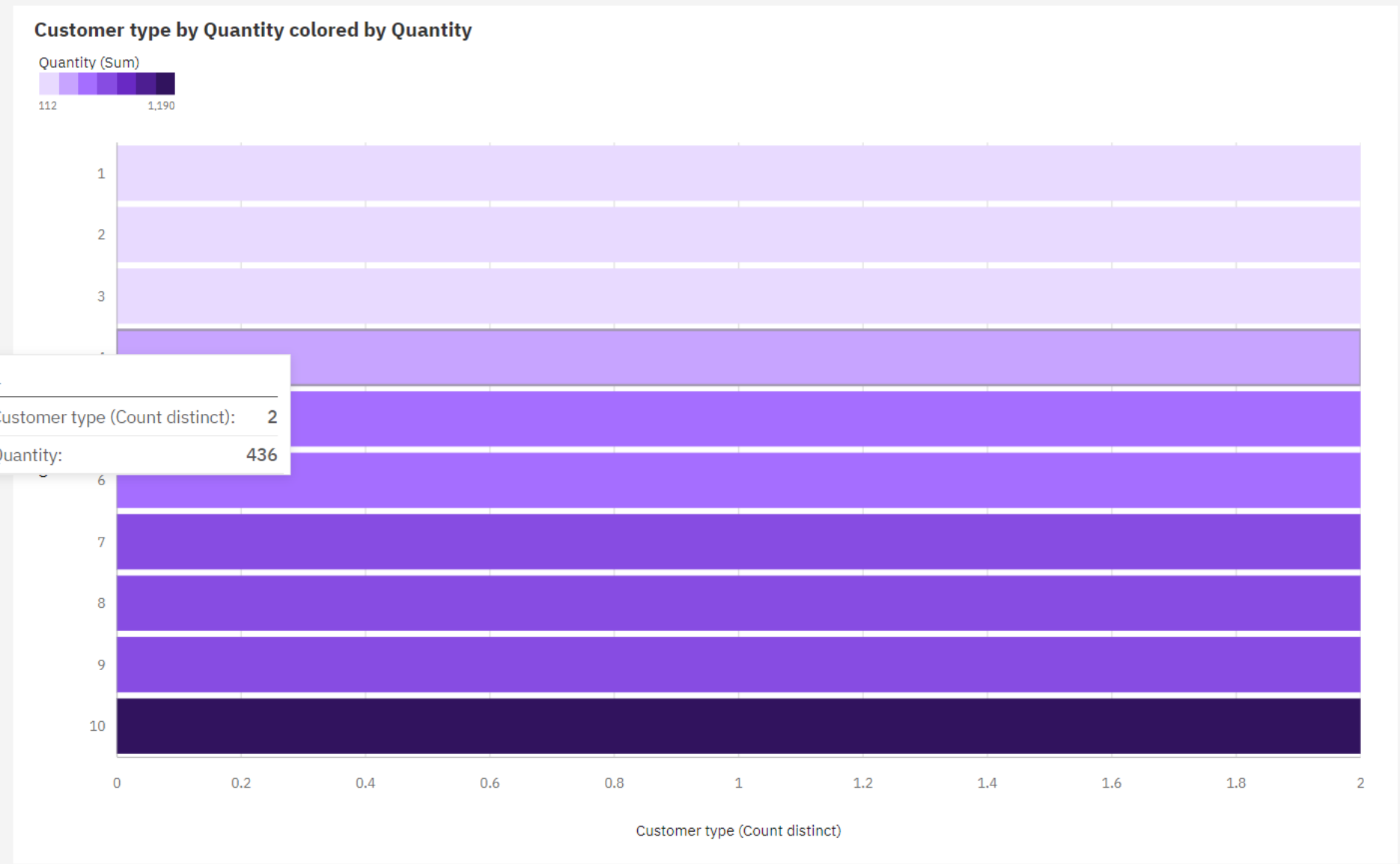
7

Customer type ...ed by Quantity

8

Total and Tax 5...ax 5% for Total

Data relationships



4

Customer type (Count distinct): 2

Quantity: 436

📊

🔗

📌

Cards

Total and Tax 5...ax 5% for Total

9

Time by Date colored by Date


10

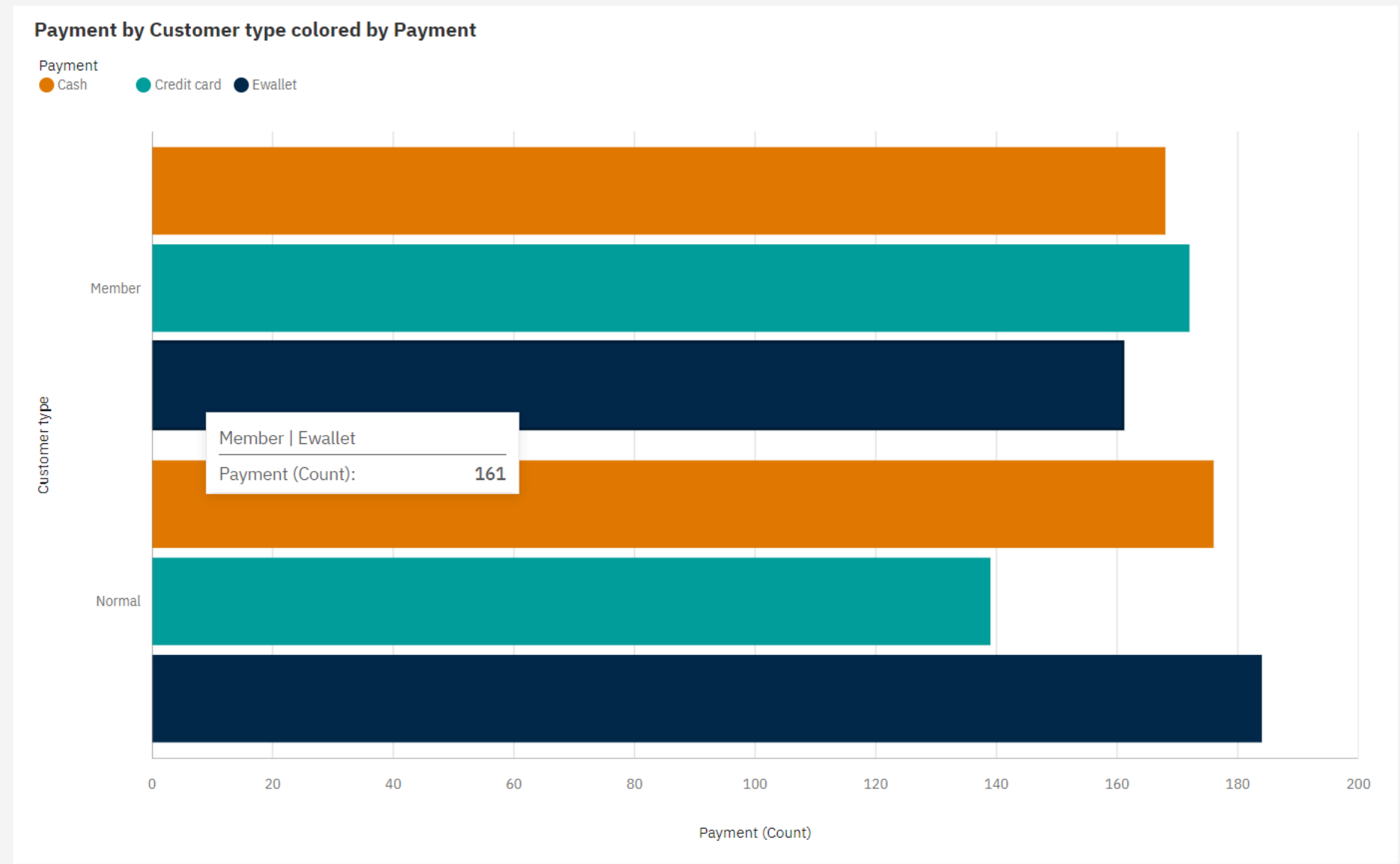
Payment by Cu...ed by Payment

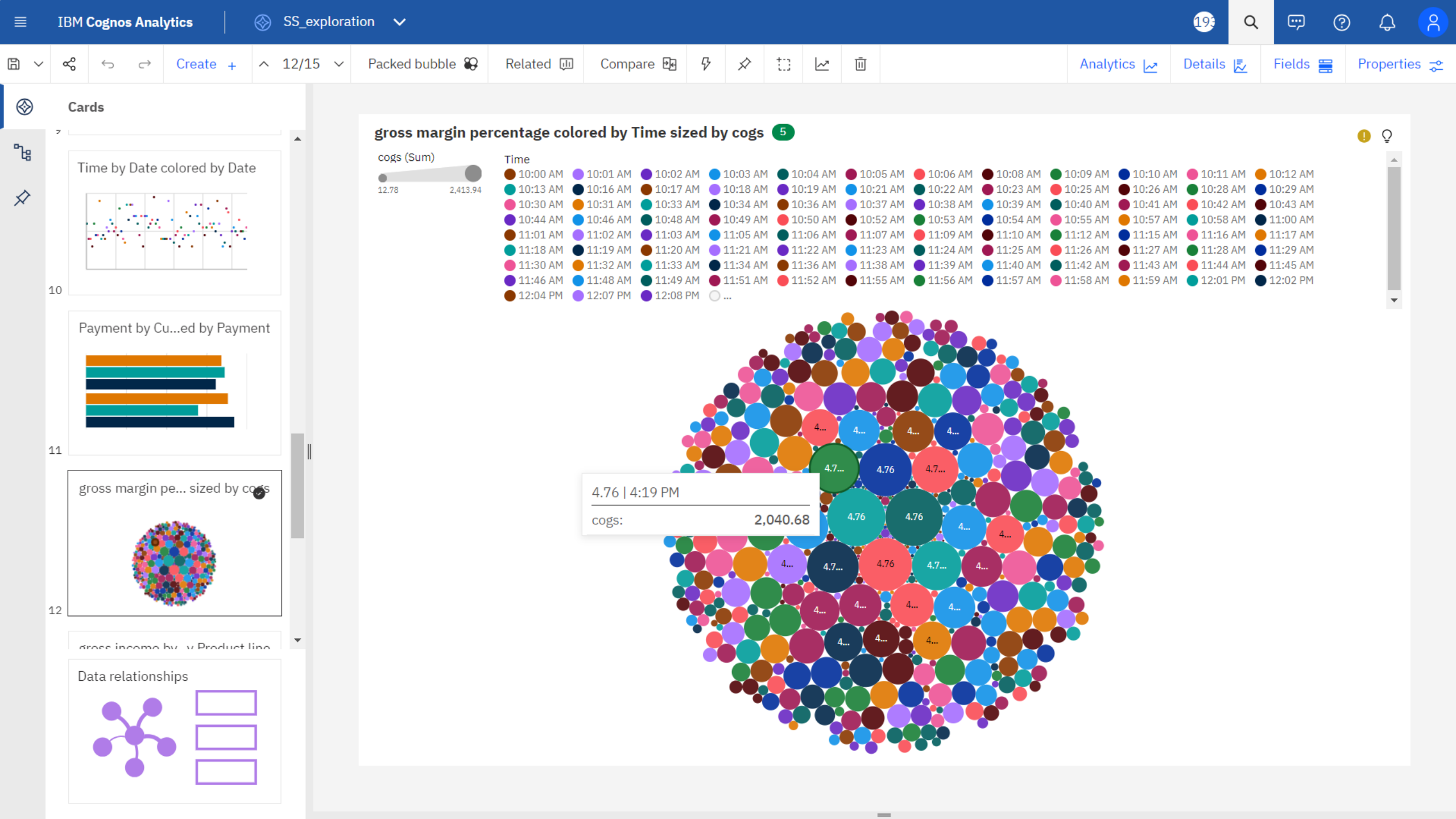
11

gross margin pe... sized by cogs

Data relationships



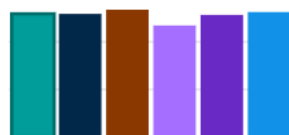




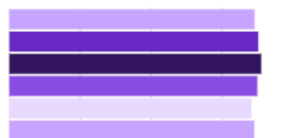
Cards



gross income by...y Product line



Rating by Produced by Rating



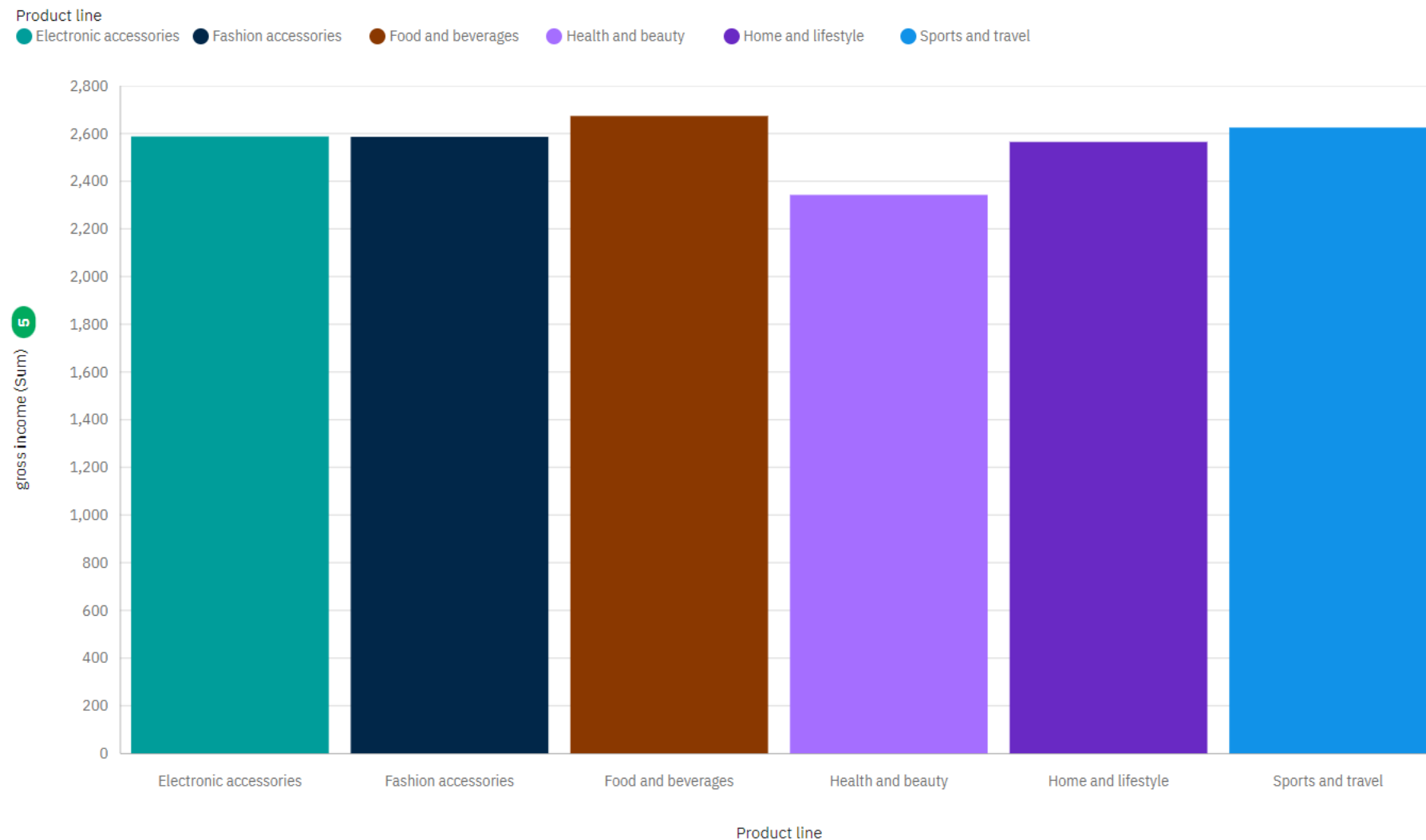
cogs by Product...olored by cogs



Data relationships




gross income by Product line colored by Product line



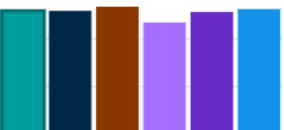
Cards

12




13

gross income by...y Product line




14


Rating by Produ...ored by Rating

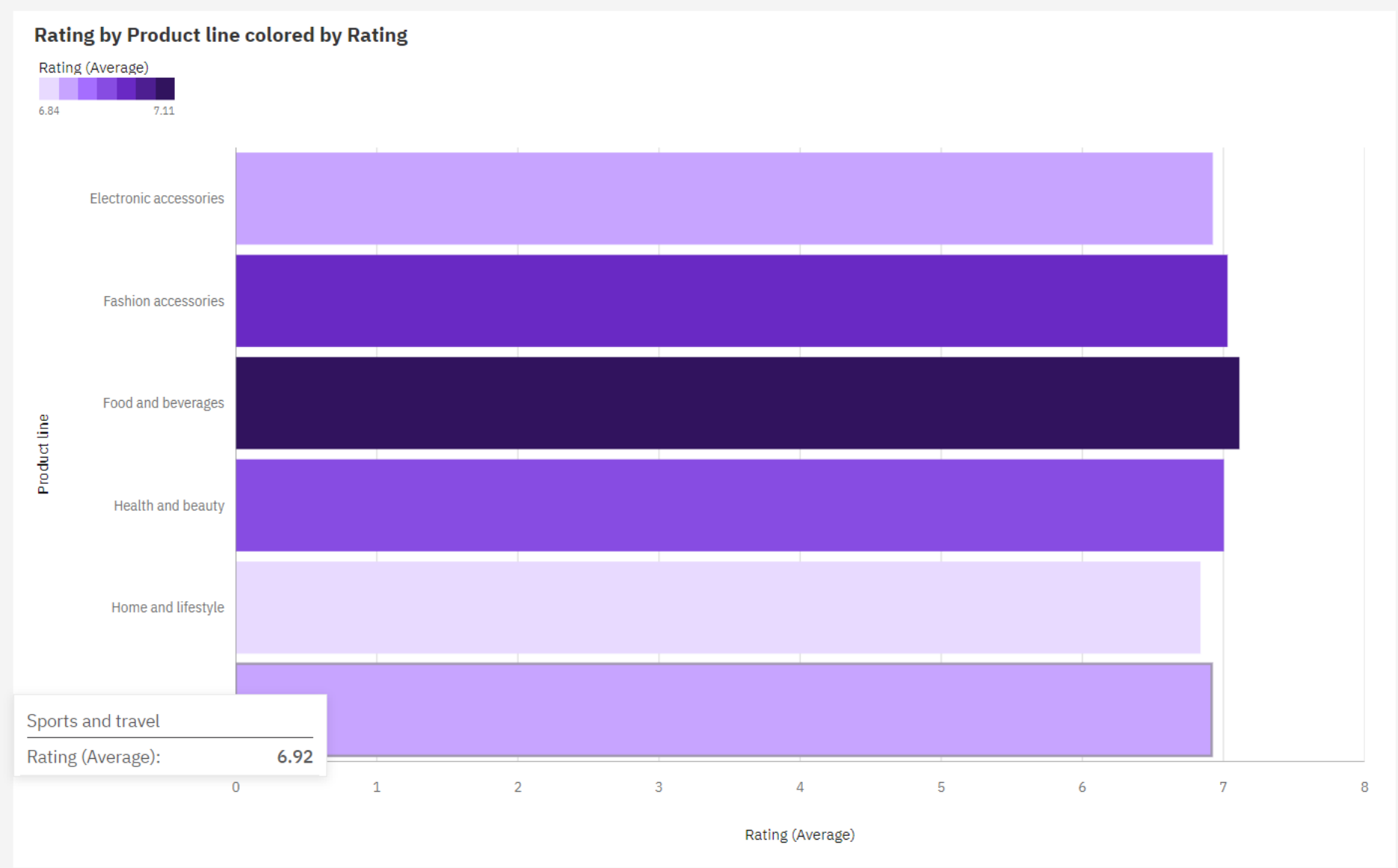


cogs by Product...olored by cogs



Data relationships





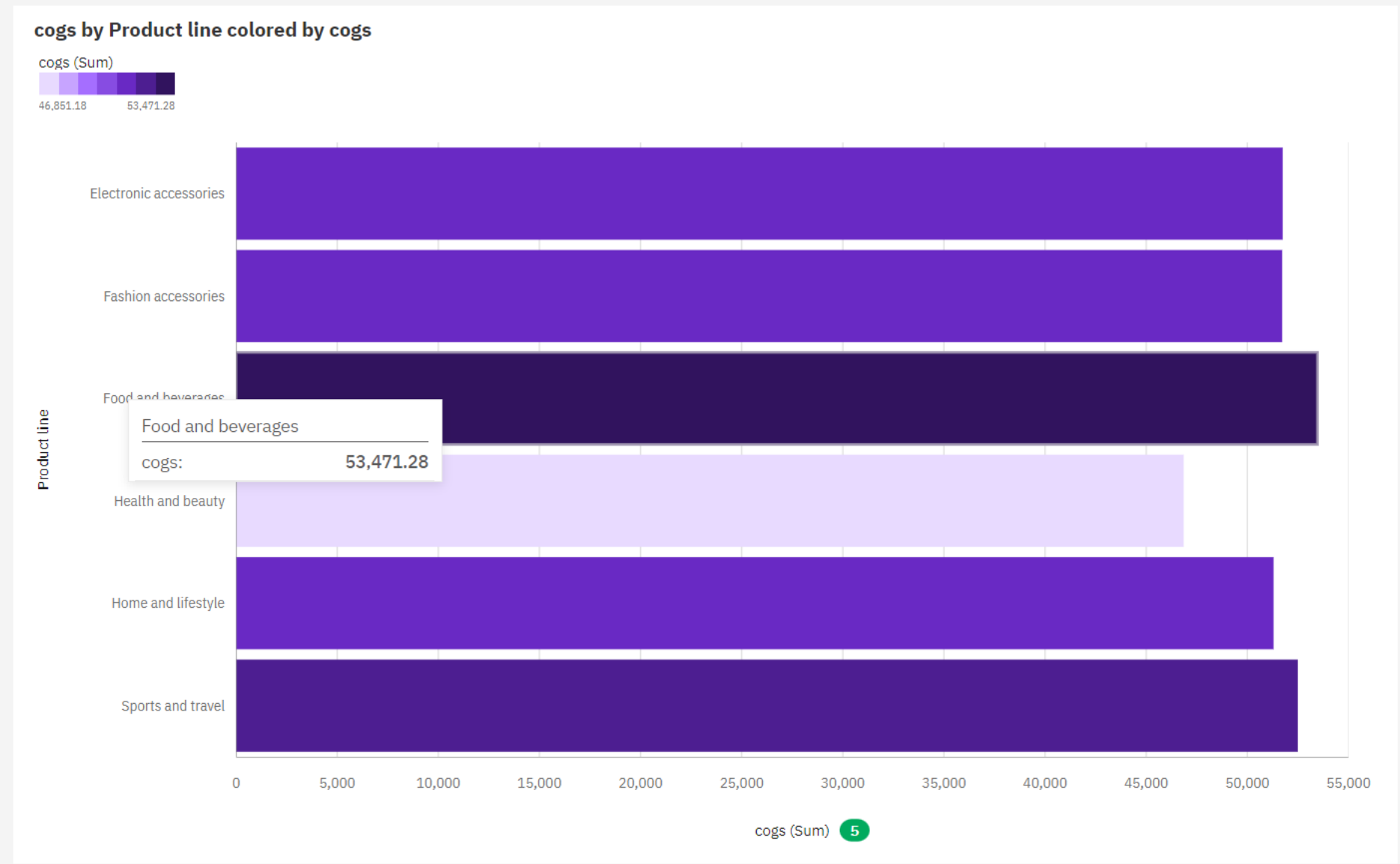
Cards

gross income by...y Product line

Rating by Produ...ored by Rating

cogs by Product...olored by cogs

Data relationships



DASHBOARD

Supermarket

Invoice ID

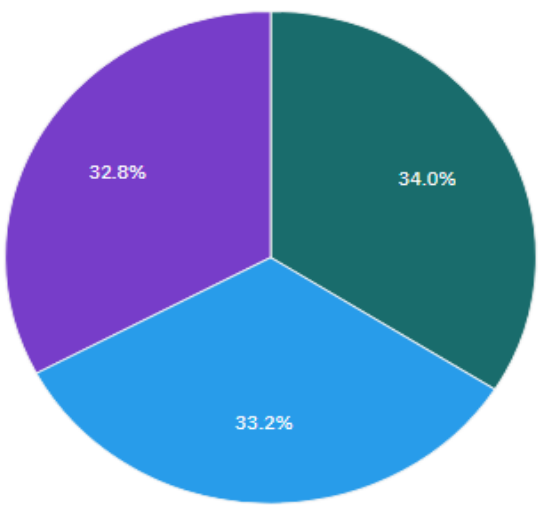
1K

Invoice ID

Branch by Branch

Branch

A B C

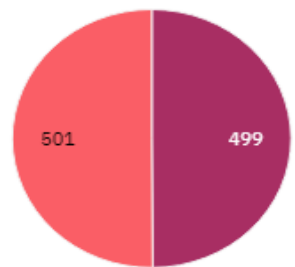


Branch by Branch

Gender by Gender

Gender

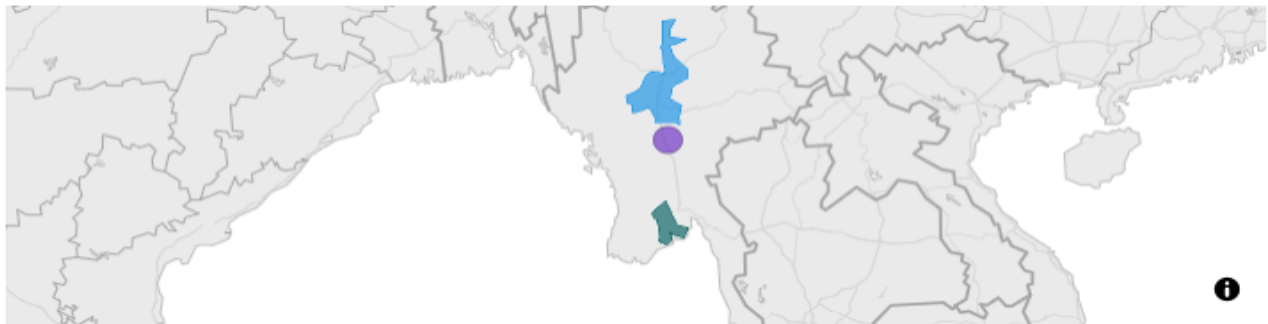
Male Female



Branch for City regions

Branch

C B A





Edit



100%

Analytics

Filters



Supermarket

Products

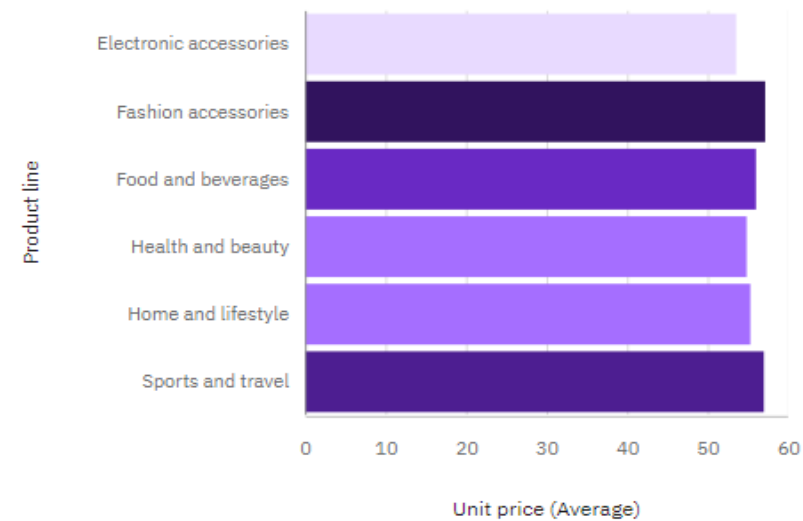
COGS

Ratings



Products detail and Prices

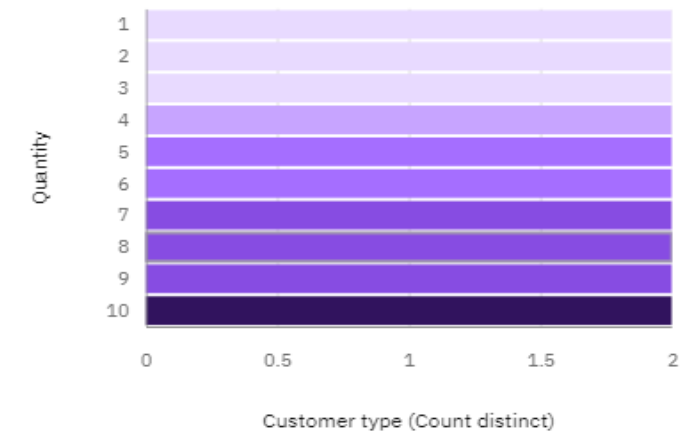
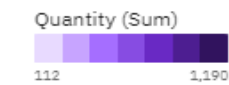
Unit price by Product line colored by Unit price



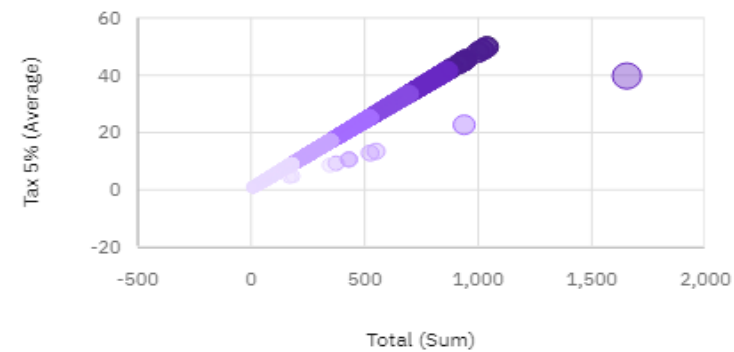
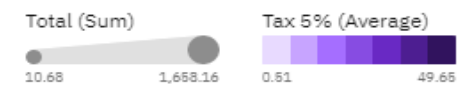
Customer type by Product line colored by Product line



Customer type by Quantity colored by Quantity



Total and Tax 5%





Edit



100%

Analytics

Filters

Supermarket

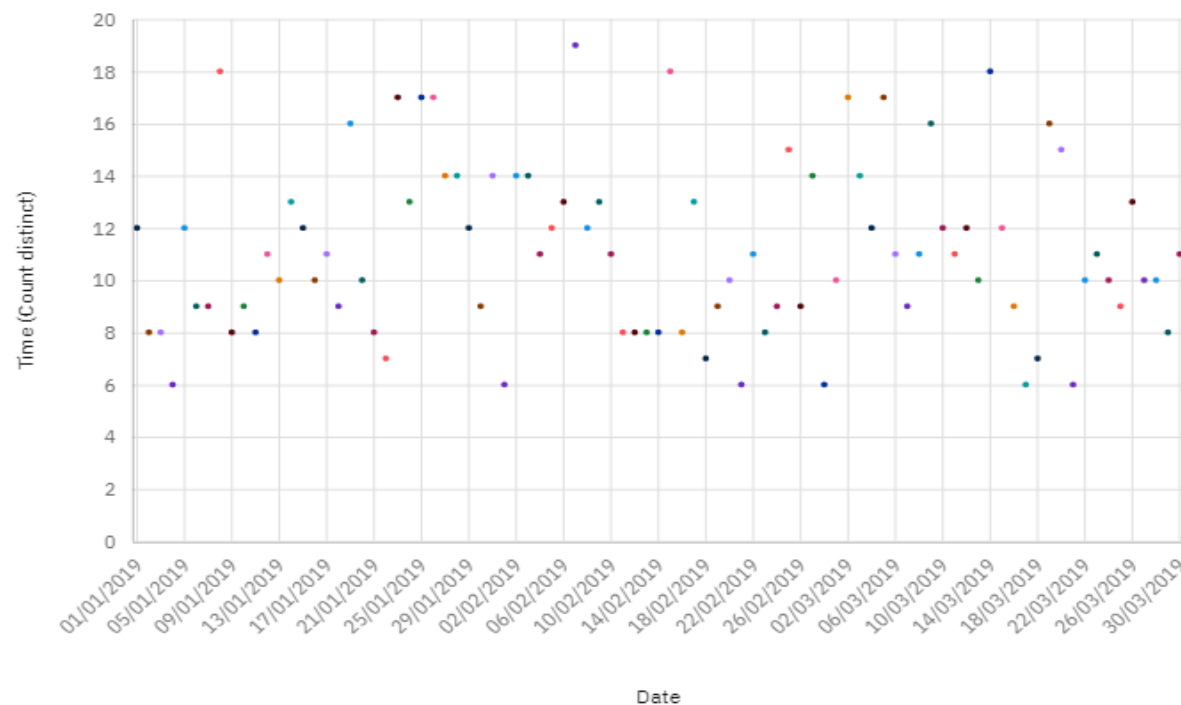
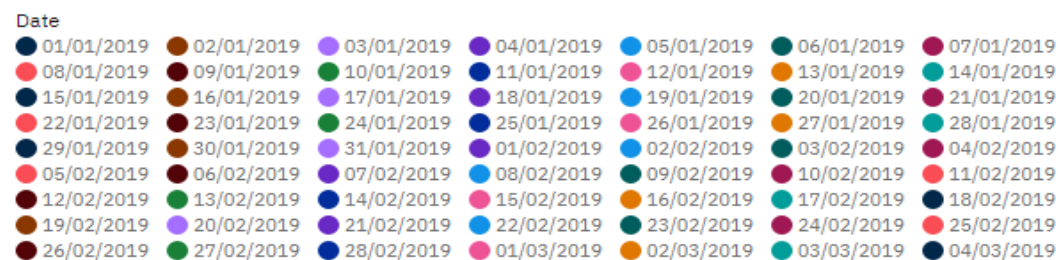
Products

COGS

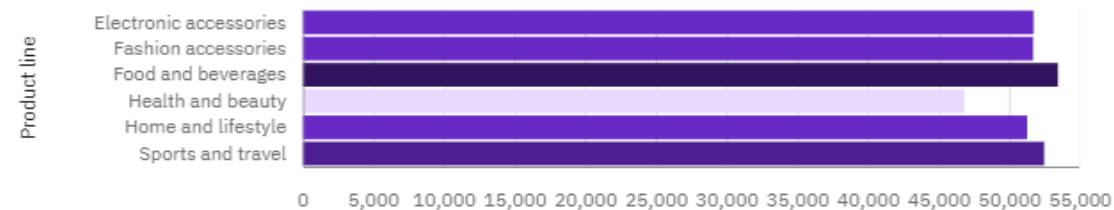
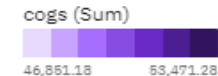
Ratings

Cost of goods & Purchased Products Date and Time

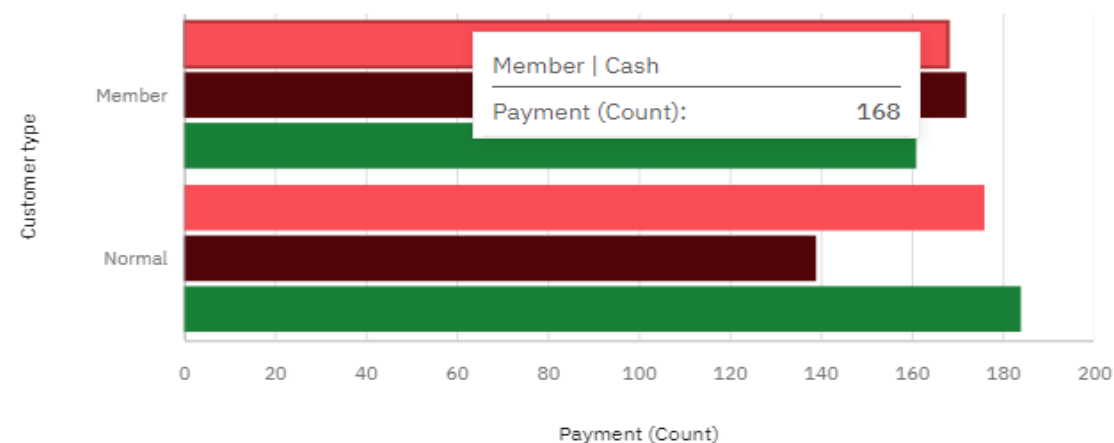
Time by Date colored by Date



cogs by Product line colored by cogs



Payment by Customer type colored by Payment



Supermarket

Products

COGS

Ratings

Rating of each product and Gross margin,Gross income

gross margin percentage colored by Time sized by cogs

cogs (Sum)

12.78 2,413.94

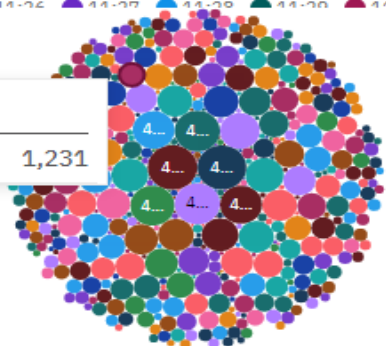
Time

10:00 10:01 10:02 10:03 10:04 10:05 10:06 10:08 10:09 10:10 10:11
 10:12 10:13 10:16 10:17 10:18 10:19 10:21 10:22 10:23 10:25 10:26
 10:28 10:29 10:30 10:31 10:33 10:34 10:36 10:37 10:38 10:39 10:40
 10:41 10:42 10:43 10:44 10:46 10:48 10:49 10:50 10:52 10:53 10:54
 10:55 10:57 10:58 11:00 11:01 11:02 11:03 11:05 11:06 11:07 11:09
 11:10 11:12 11:15 11:16 11:17 11:18 11:19 11:20 11:21 11:22 11:23
 11:24 11:25 11:26 11:27 11:28 11:29 11:30 11:32 11:33 11:34 11:36

4.76 | 18:10

cogs:

1,231



gross income by Product line colored by Product line

Product line

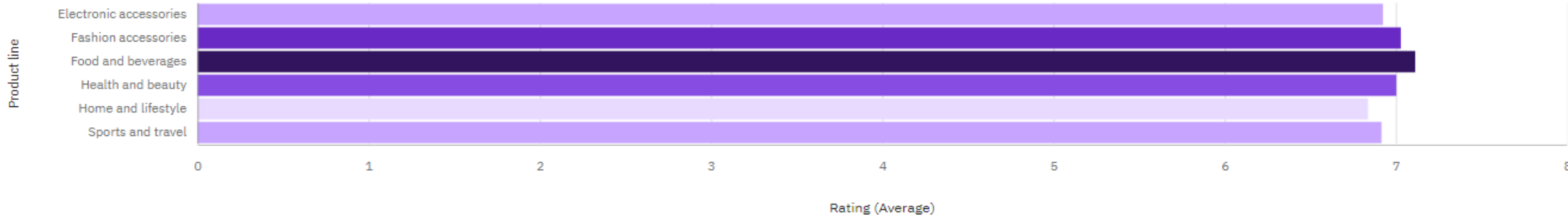
Electronic accessories Fashion accessories Food and beverages
 Health and beauty Home and lifestyle Sports and travel



Rating by Product line colored by Rating

Rating (Average)

6.84 7.11

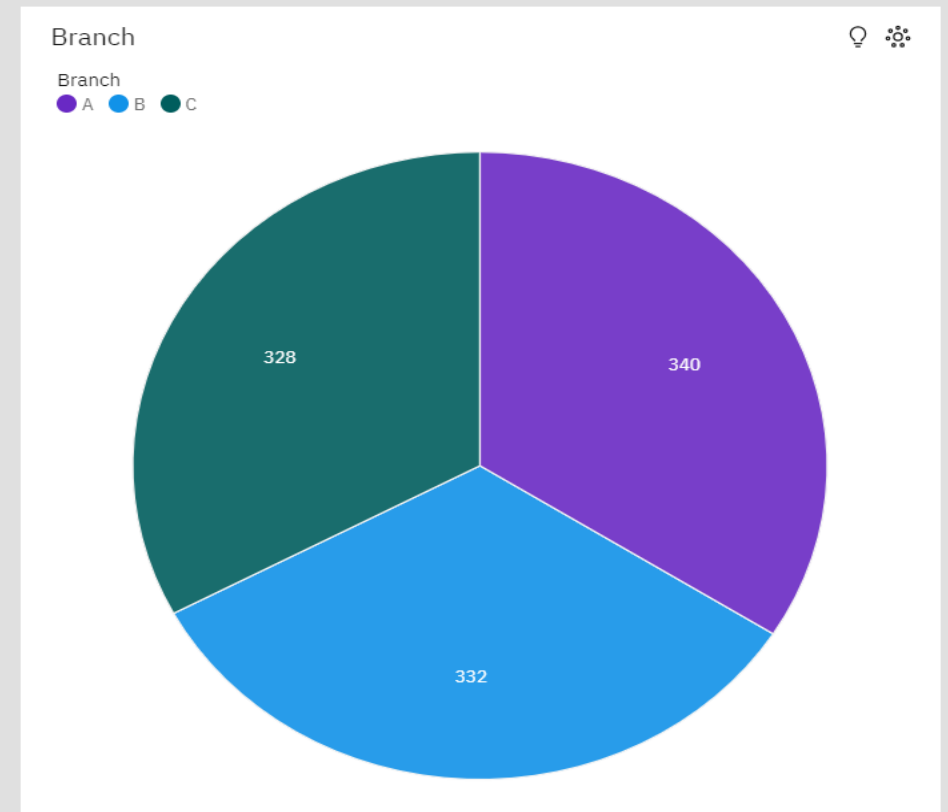


REPORT

STORY

Branch of super market analysis

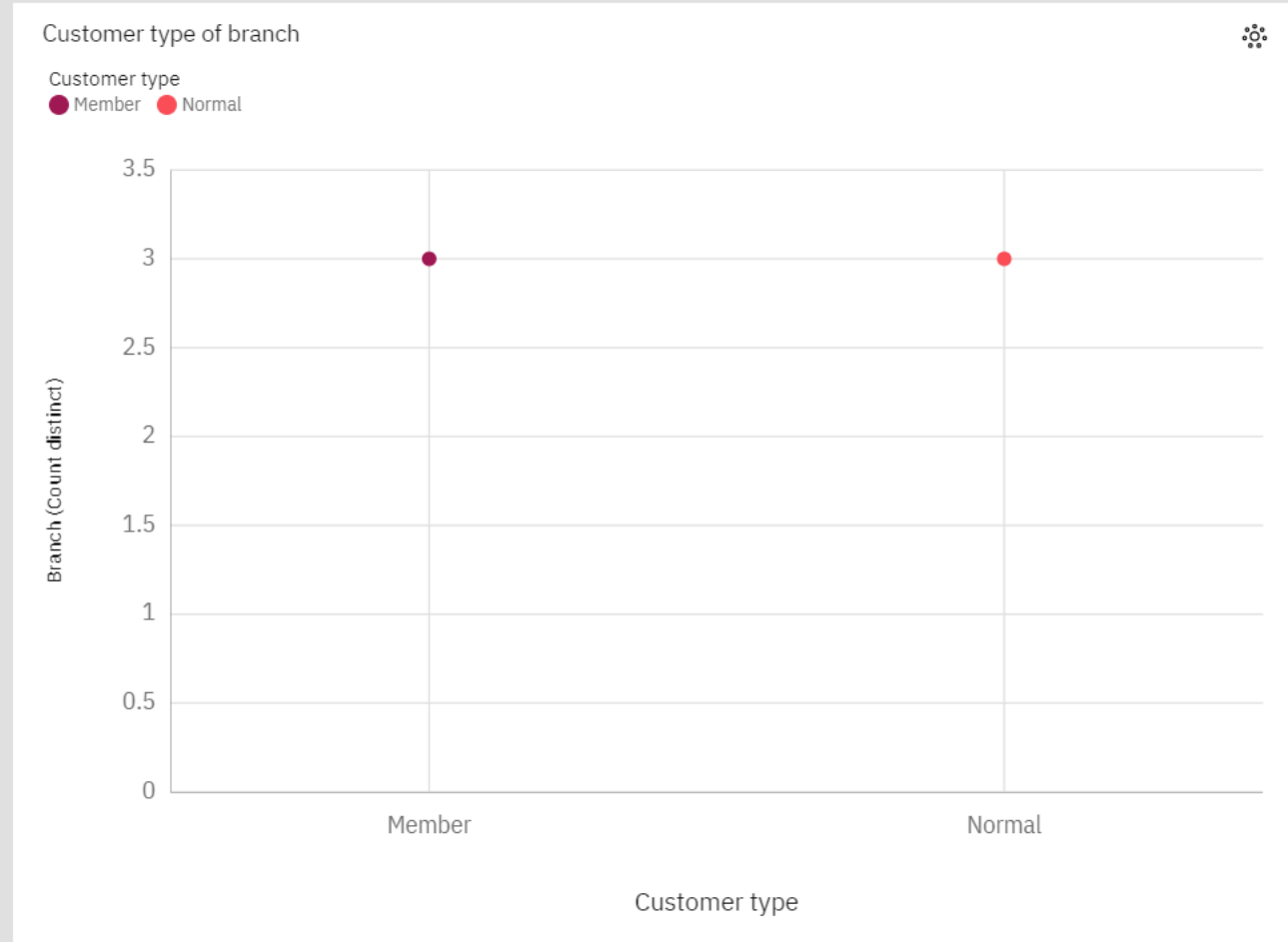
- The total number of results for Branch, across all branches, is a thousand.
- A is the most frequently occurring category of Branch with a count of 340 items with Branch values (34 % of the total).





Types of customers

- The overall number of results for Branch is a thousand.
- Member is the most frequently occurring category of Customer type with a count of 501 items with Branch values (50.1 % of the total).



List of product

- The overall number of results for Customer type is a thousand.
- 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 Customer type values (84.8 % of the total).

Customer type by Product line colored by Product line

Product line

Electronic accessories

Fashion accessories

Food and beverages

Health and beauty

Home and lifestyle

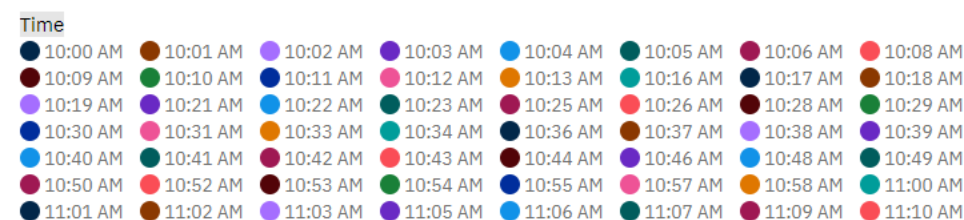
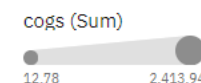
Sports and travel



Cost of goods sell by gross margin

- Over all gross margin percentages and times, the sum of cogs is almost 308 thousand.
- The summed values of cogs range from 12.78 tor almost 2500.
- For cogs, the most significant values of Time are 14:42:00 and 13:48 : 0 whose respective cogs values add up to nearly five thousand, or 1.6% of the total.

gross margin percentage colored by Time sized by cogs



THANK YOU