

Supermarket Sales Data Analysis

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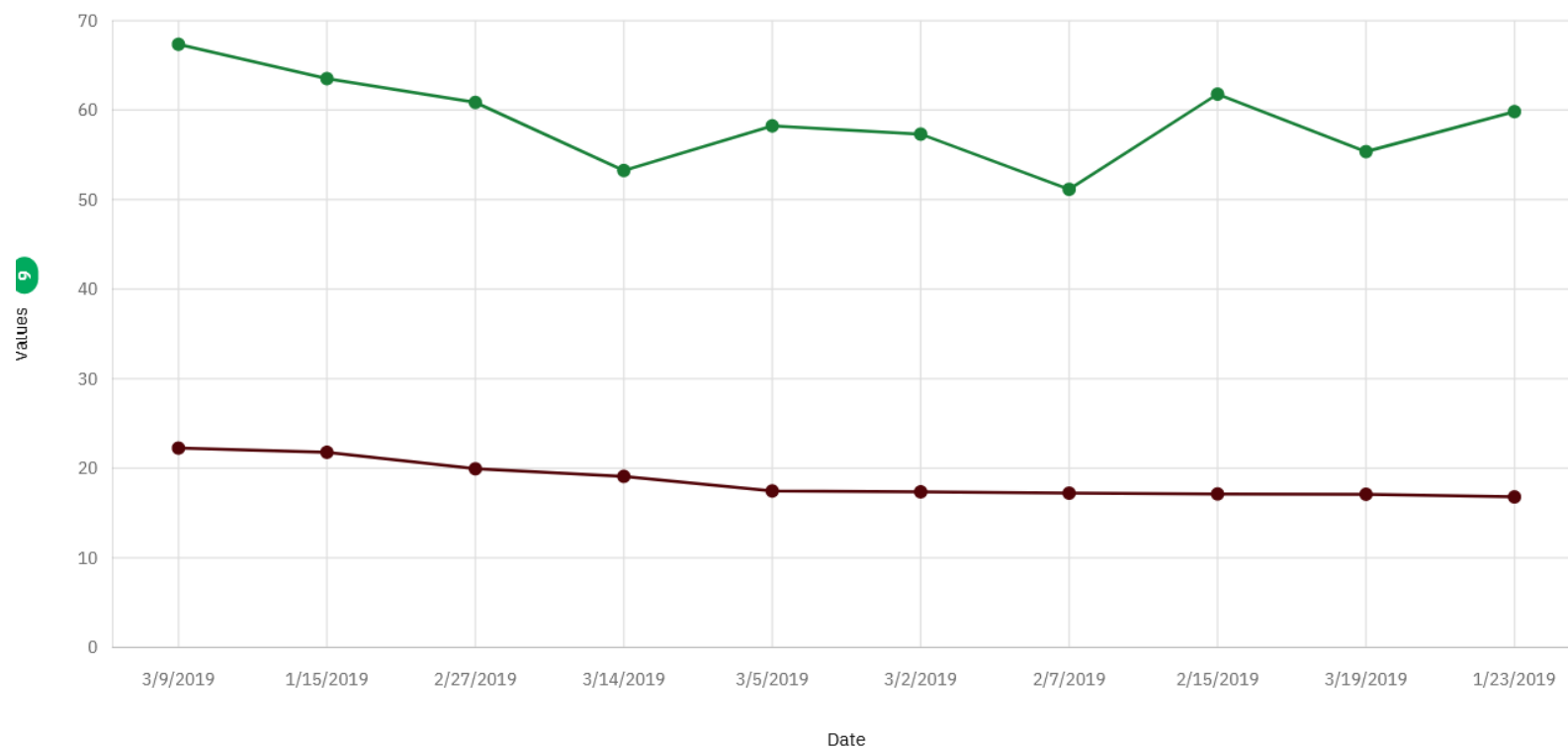
EXPLORATION

Unit price and Tax 5% by Date



Measures

● Tax 5% ● Unit price



Details

The total number of results for **Tax 5%**, across all **dates**, is 168.

The average values of **Tax 5%** range from 16.79, occurring when **Date** is 2019-01-23, to 22.24, when **Date** is 2019-03-09.

The average values of **Unit price** range from 51.15, occurring when **Date** is 2019-02-07, to 67.35, when **Date** is 2019-03-09.

The total number of results for **Unit price**, across all **dates**, is 168.

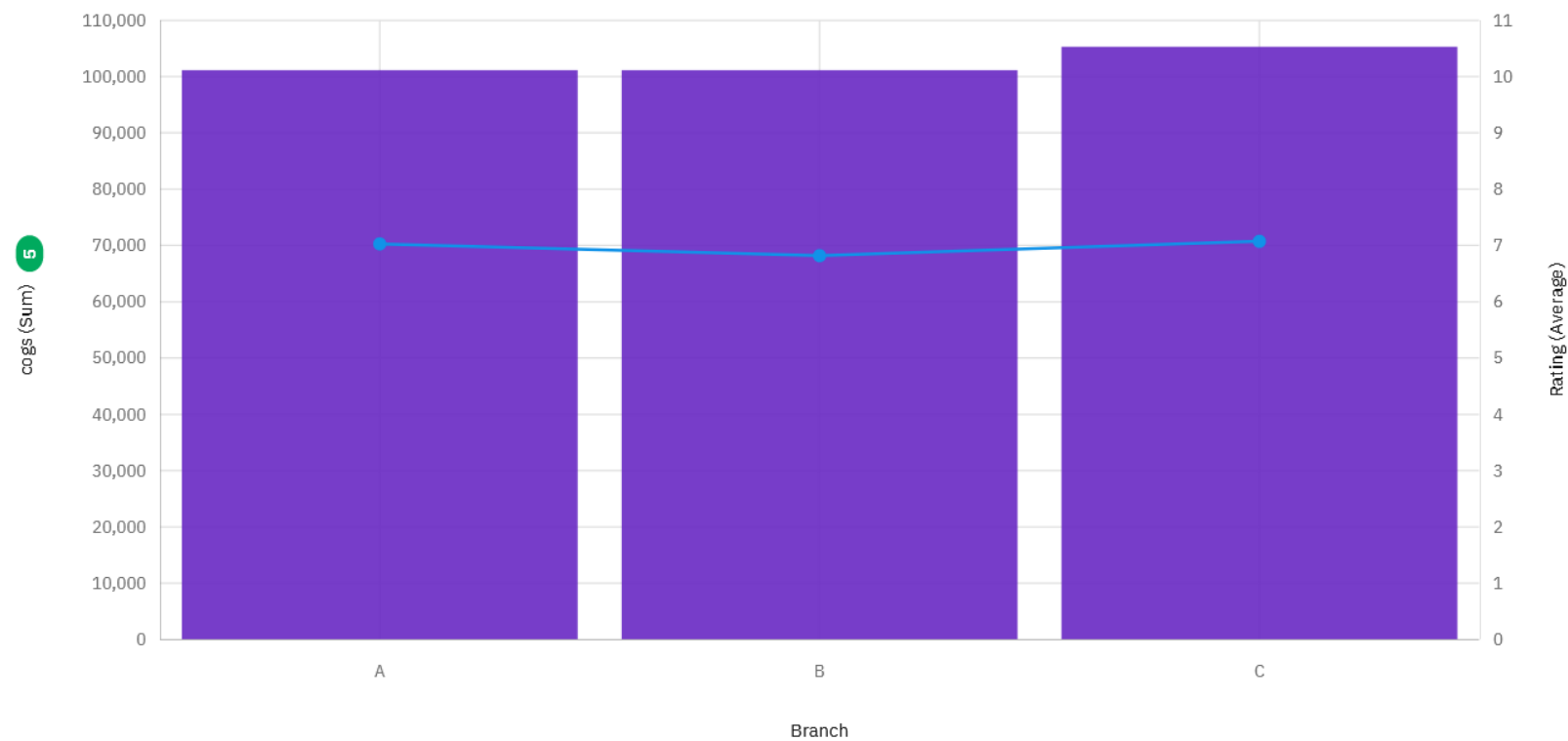
2019-02-07 (11.9 %) and 2019-02-15 (11.3 %) are the most frequently occurring categories of **Date** with a combined count of 39 items with **Tax 5%** values (23.2 % of the total).

2019-02-07 (11.9 %) and 2019-02-15 (11.3 %) are the most frequently occurring categories of **Date** with a combined count of 39 items with **Unit price** values (23.2 % of the total).

Rating and cogs by Branch

Column
● cogs (Sum)

Line
● Rating (Average)



Details

Over all **branches**, the sum of **cogs** is al 308 thousand.

cogs ranges from over 101 thousand, w **Branch** is B, to over 105 thousand, whe **Branch** is C.

Over all **branches**, the average of **Ratin**, 6.973.

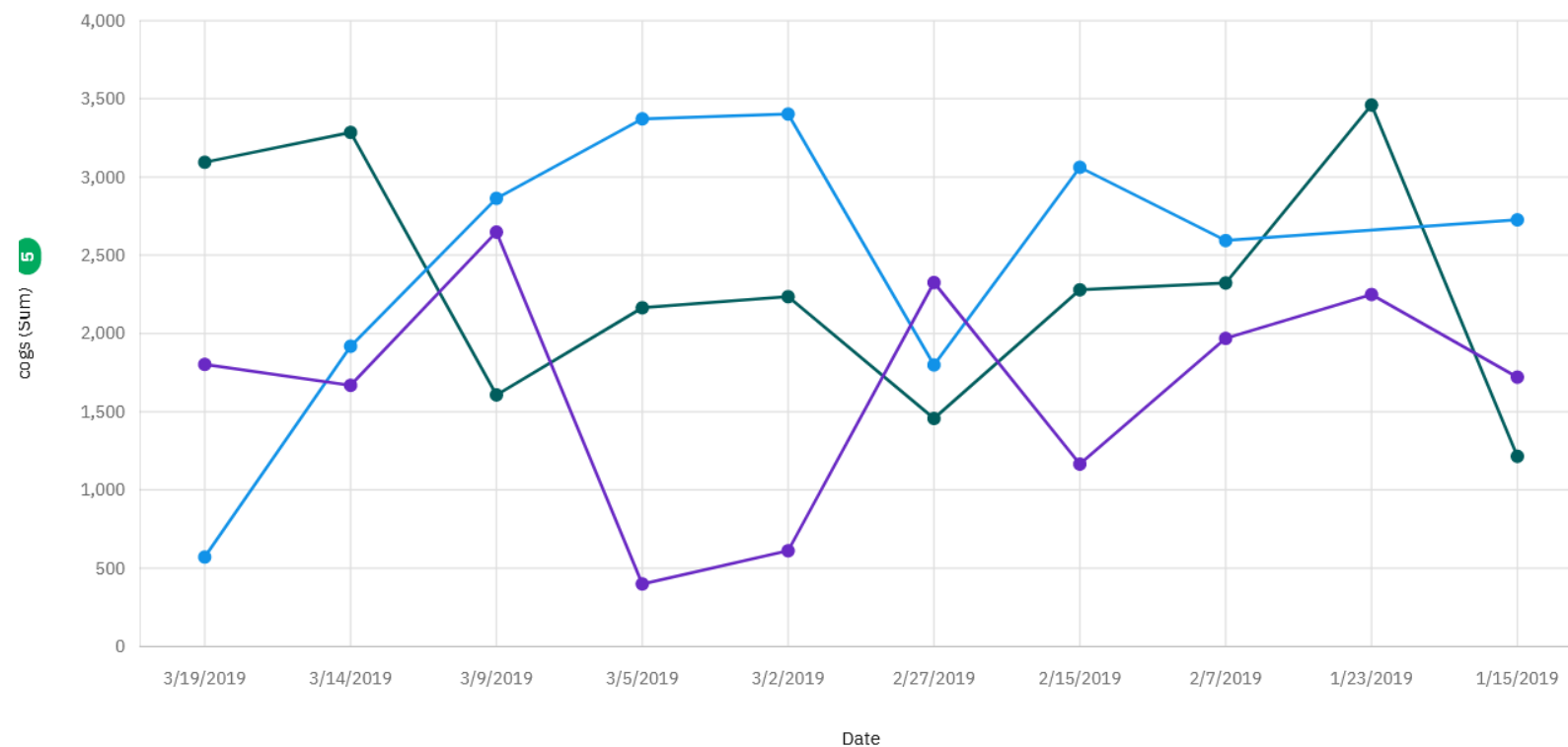
The average values of **Rating** range fron occurring when **Branch** is B, to 7.073, w **Branch** is C.

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

cogs by Date colored by Branch



Branch
A B C



Details

Over all **dates** and **branches**, the sum of **cogs** is almost 62 thousand.

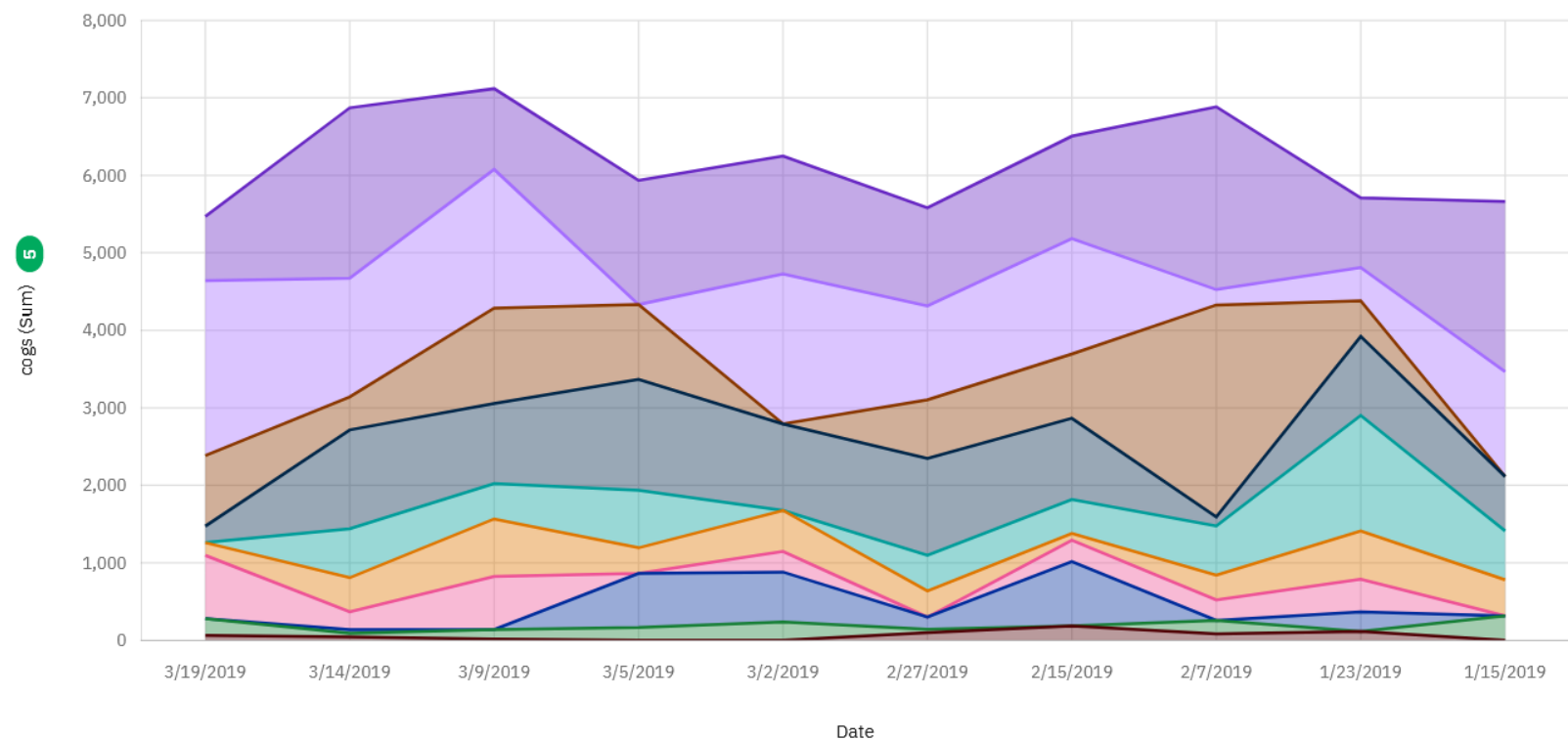
The summed values of **cogs** range from 398.8 to almost 3500.

For **cogs**, the most significant values of **Date** are 2019-03-09, 2019-02-07, 2019-03-14, 2019-02-15, and 2019-03-02, whose respective **cogs** values add up to almost 34 thousand, or 54.3 % of the total.

For **cogs**, the most significant values of **Branch** are C and B, whose respective **cogs** values add up to over 45 thousand, or 73.3 % of the total.

cogs by Date colored by Quantity 4

Quantity
1 2 3 4 5 6 7 8 9 10



Details

cogs is unusually high when **Quantity** is

Over all **dates** and **quantities**, the sum of **cogs** is almost 62 thousand.

The summed values of **cogs** range from over 2500.

For **cogs**, the most significant value of **Quantity** is 10, whose respective **cogs** values add over fifteen thousand, or 24.6 % of the total.

For **cogs**, the most significant values of **Date** are 2019-03-09, 2019-02-07, 2019-03-14, 2019-02-15, and 2019-03-02, whose respective **cogs** values add up to almost 15 thousand, or 54.3 % of the total.

Edit diagram

Unit price

Relationship diagram ⓘ

Select a visualization

Explore visualizations related to 'Unit price'

Unit price

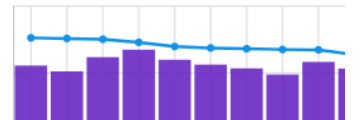
55.67
Unit price

Add +

Unit price

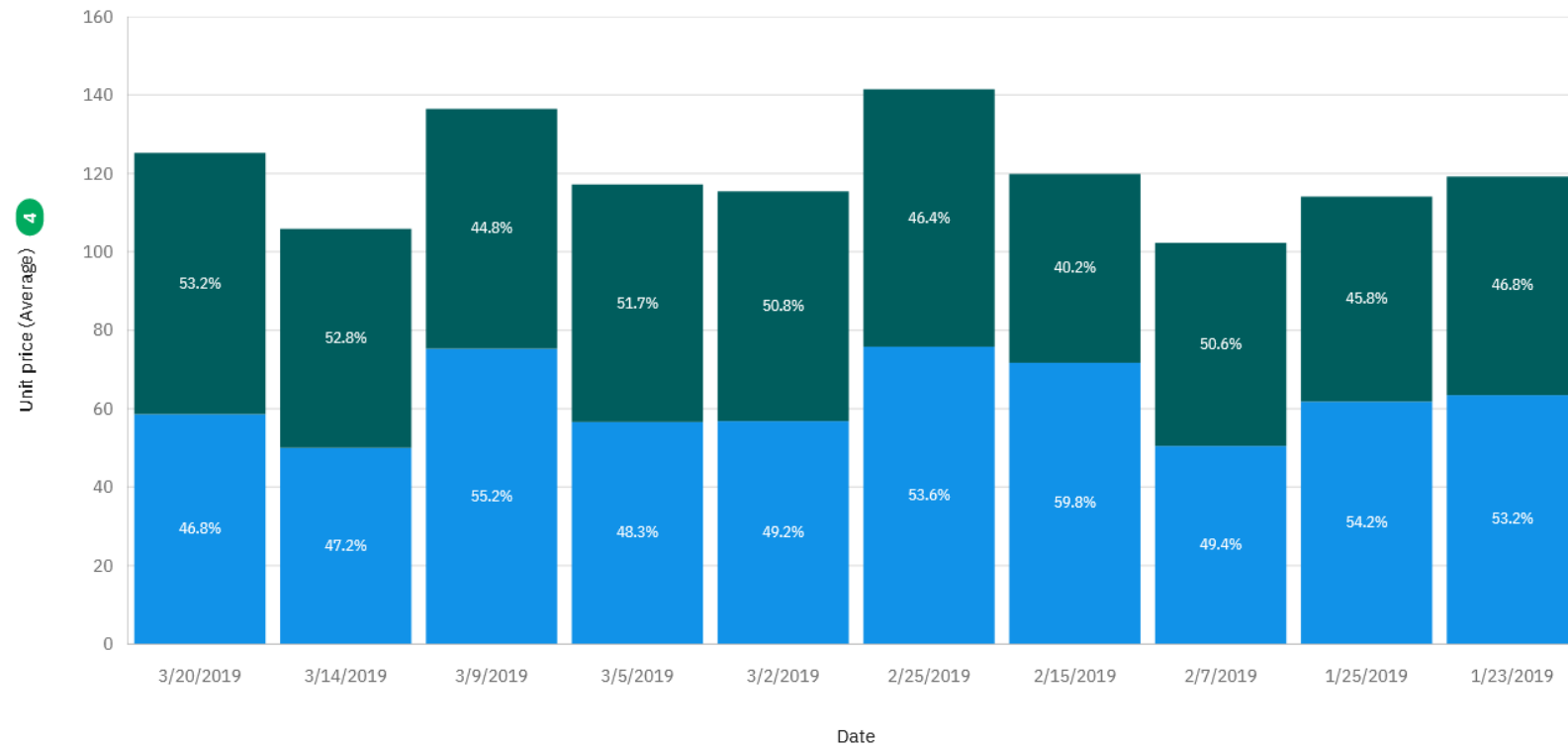
Add +

Rating and Unit price by Date



Unit price by Date colored by Gender

Gender
● Female ● Male



Details

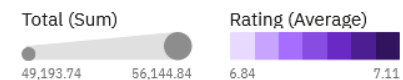
Over all **dates** and **genders**, the average **price** is 59.63.

The average values of **Unit price** range from 48.16 to 75.8.

2019-02-07 (11.6 %) and 2019-02-15 are the most frequently occurring categories of **Date** with a combined count of 39 items. **Unit price** values (22.5 % of the total).

Male is the most frequently occurring category of **Gender** with a count of 87 items with **price** values (50.3 % of the total).

Product line hierarchy colored by Rating and sized by Total 5



Food and beverages

Electronic accessories

Home and lifestyle

Health and beauty

Sports and travel

Fashion accessories

Details

The total number of results for **Rating**, **product lines**, is a thousand.

Over all **product lines**, the sum of **Total** 323 thousand.

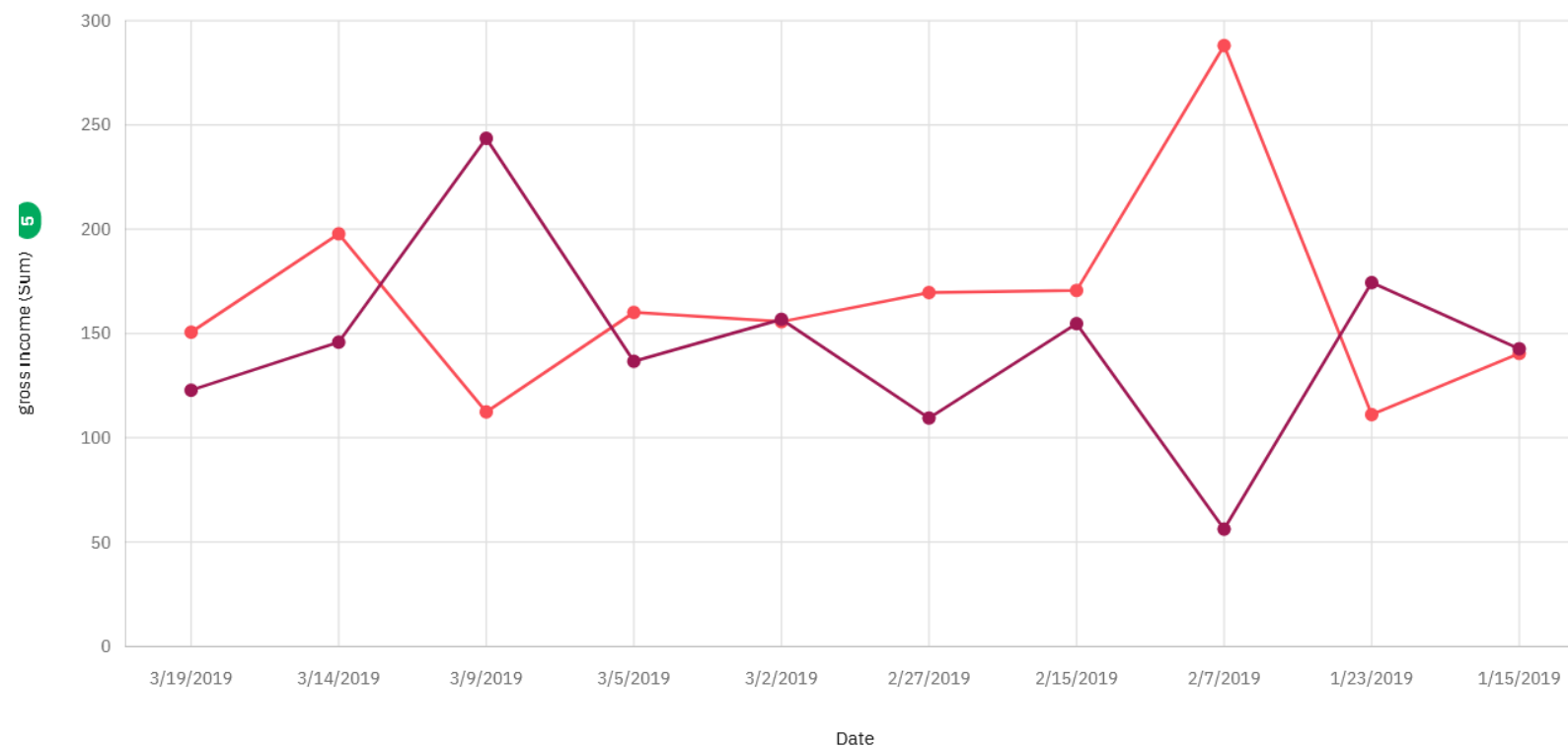
Total ranges from over 49 thousand, wh **Product line** is Health and beauty, to ov thousand, when **Product line** is Food ar beverages.

For **Total**, the most significant values of **line** are Food and beverages, Sports an Electronic accessories, Fashion accesssc Home and lifestyle, whose respective **Ti** values add up to almost 274 thousand, % of the total.

gross income by Date colored by Customer type



Customer type
● Member ● Normal



Details

Across all **dates** and **customer types**, the sum of **gross income** is over three thousand.

The summed values of **gross income** range from 56.19 to 288.

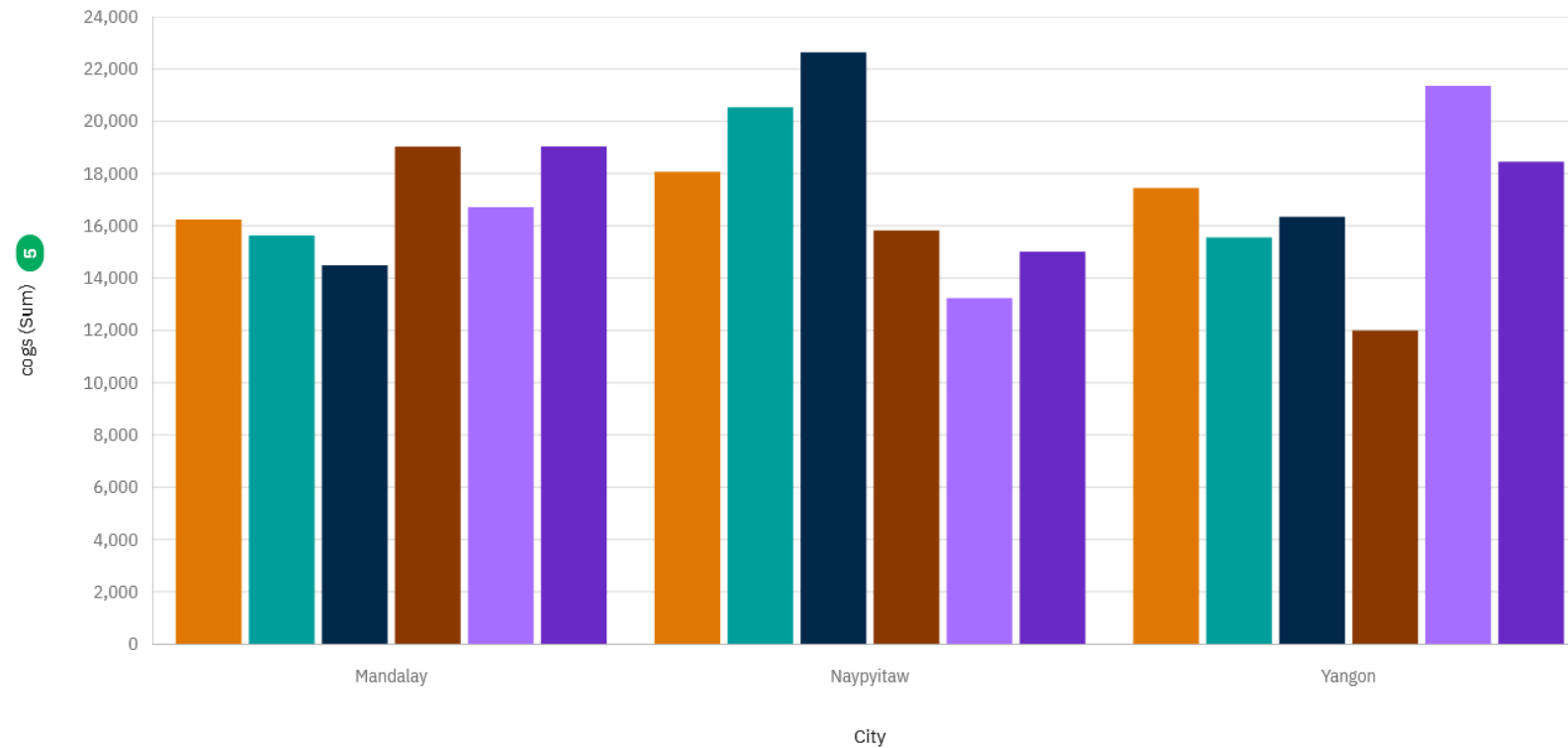
For **gross income**, the most significant value of **Customer type** is Normal, whose respective **gross income** values add up to over 1500, or 53.4 % of the total.

For **gross income**, the most significant values of **Date** are 2019-03-09, 2019-02-07, 2019-03-14, 2019-02-15, and 2019-03-02, whose respective **gross income** values add up to over 1500, or 54.3 % of the total.

cogs by City colored by Product line

Product line

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



Details

Over all **cities** and **product lines**, the su **cogs** is almost 308 thousand.

The summed values of **cogs** range from 12 thousand to almost 23 thousand.

For **cogs**, the most significant value of **C** Naypyitaw, whose respective **cogs** value up to over 105 thousand, or 34.2 % of t

For **cogs**, the most significant values of **line** are Food and beverages, Sports and Electronic accessories, Fashion accessc Home and lifestyle, whose respective **c** values add up to almost 261 thousand, % of the total.



DASHBOARD

Total

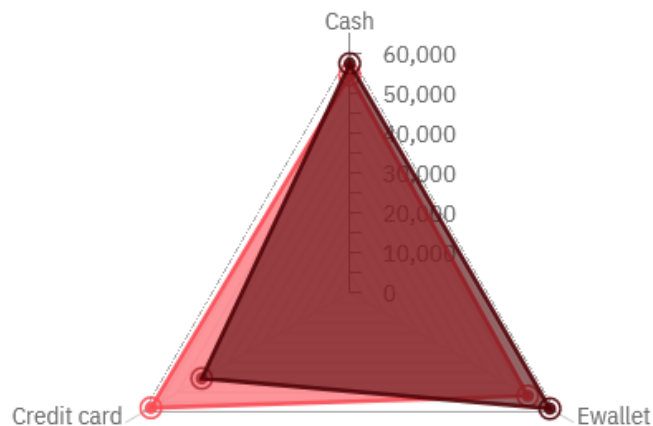
323K

Total

Total by Payment colored by Customer type

Customer type

● Member ● Normal

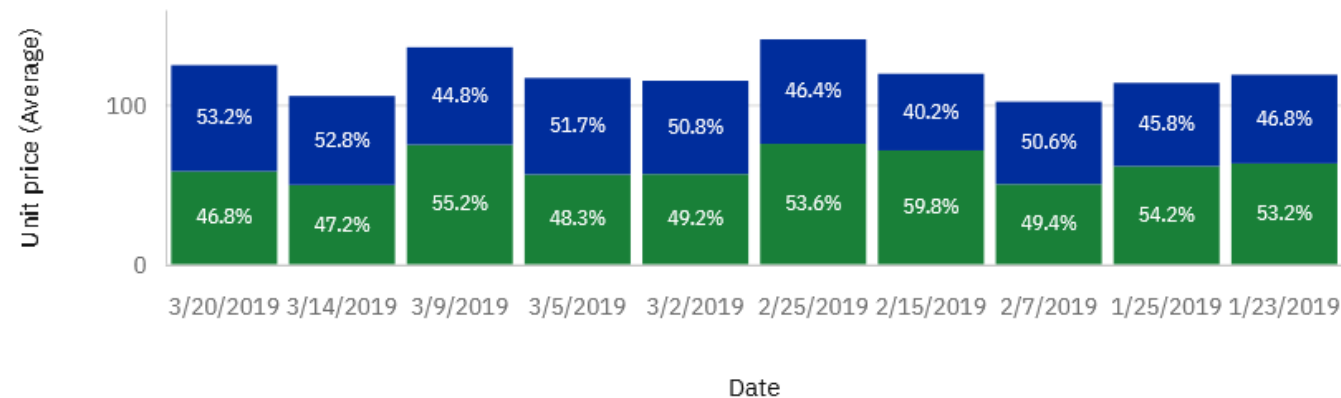


Unit price by Date colored by Gender



Gender

● Female ● Male



Total by Branch colored by Payment



Payment

● Cash ● Credit card ● Ewallet



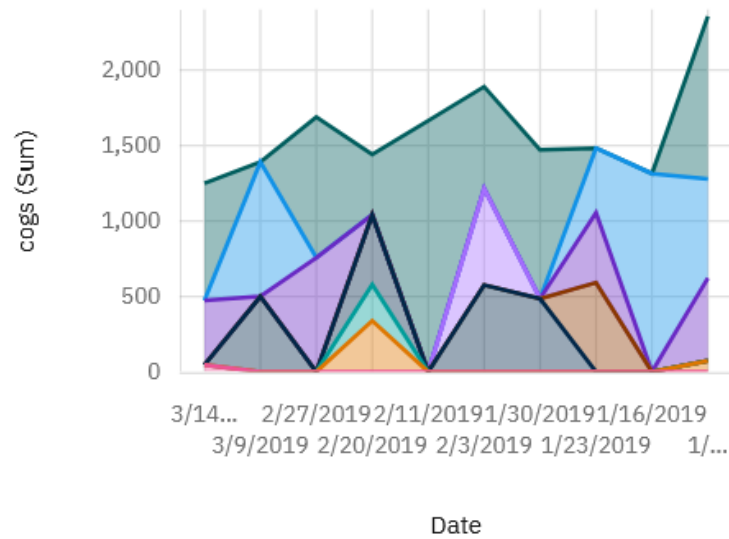
7.11

Rating

cogs by Date colored by Quantity

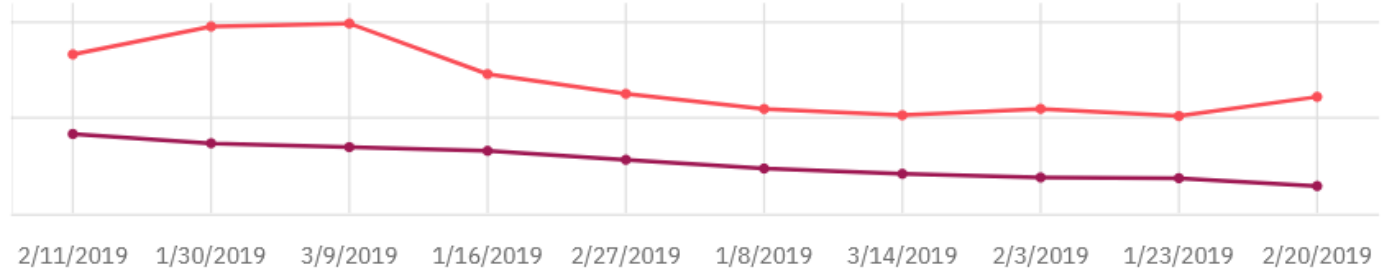


Quantity



Measures

Tax 5% Unit price



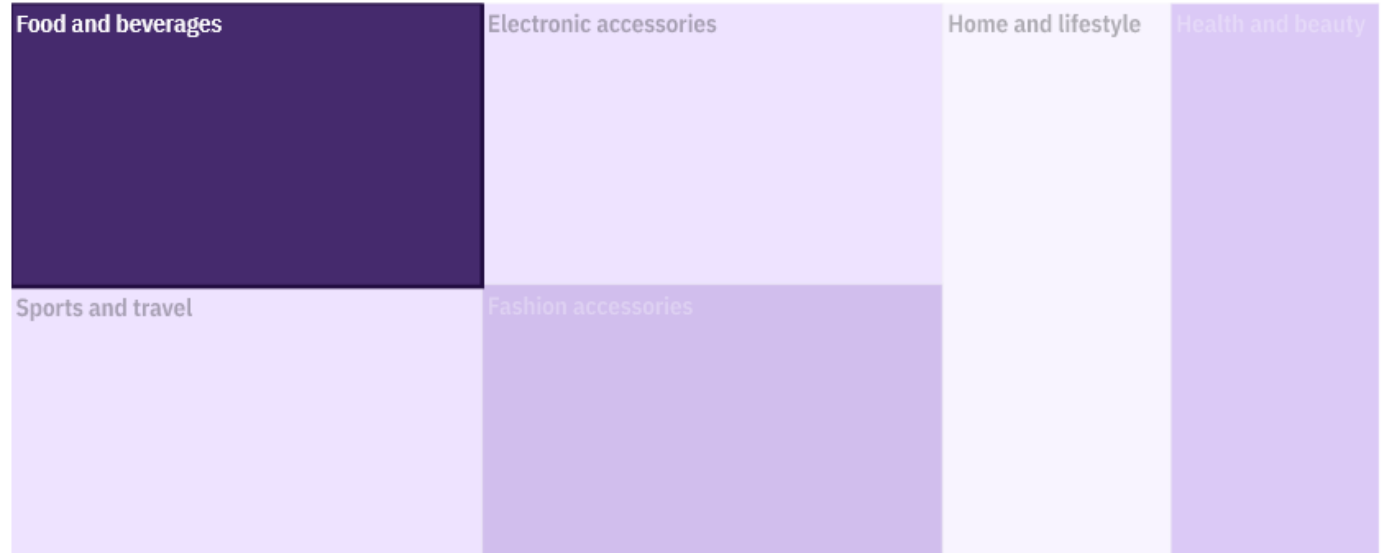
Product line hierarchy colored by Rating and sized by Total



Total (Sum)



Rating (Average)



308K

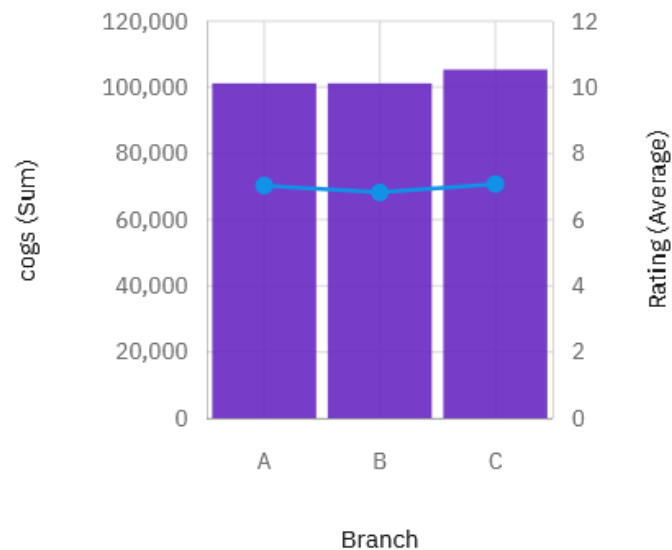
cogs

Rating and cogs by Branch

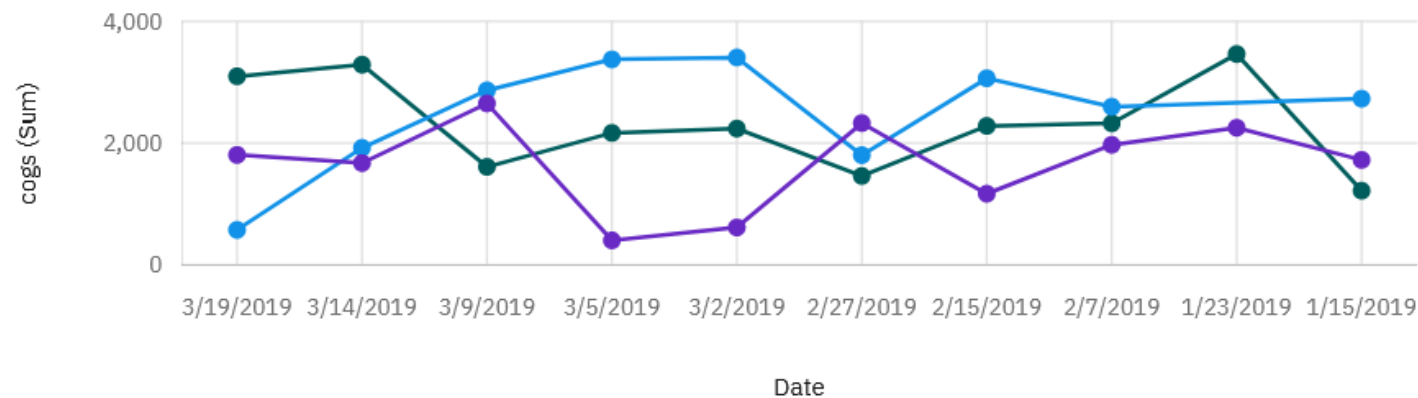


Column
cogs (Sum)

Line
Rating (Average)



● A ● B ● C

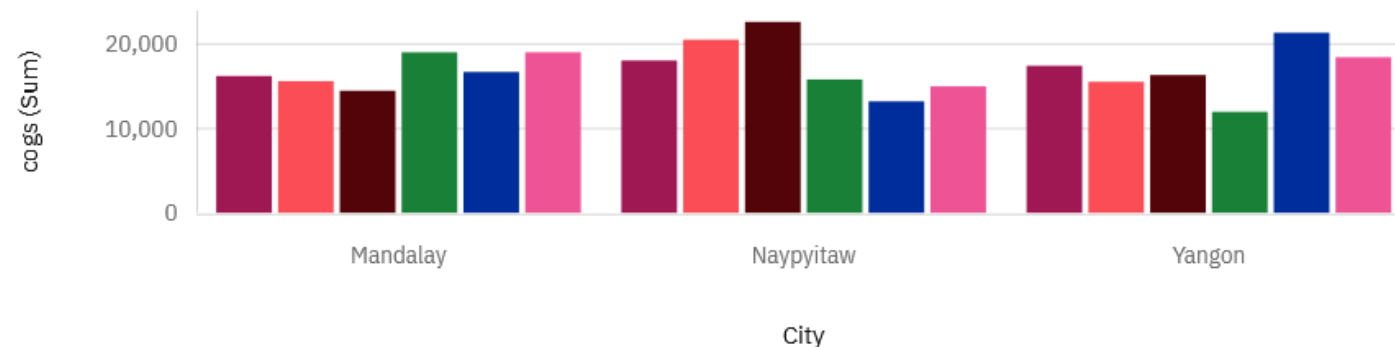


cogs by City colored by Product line



Product line

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





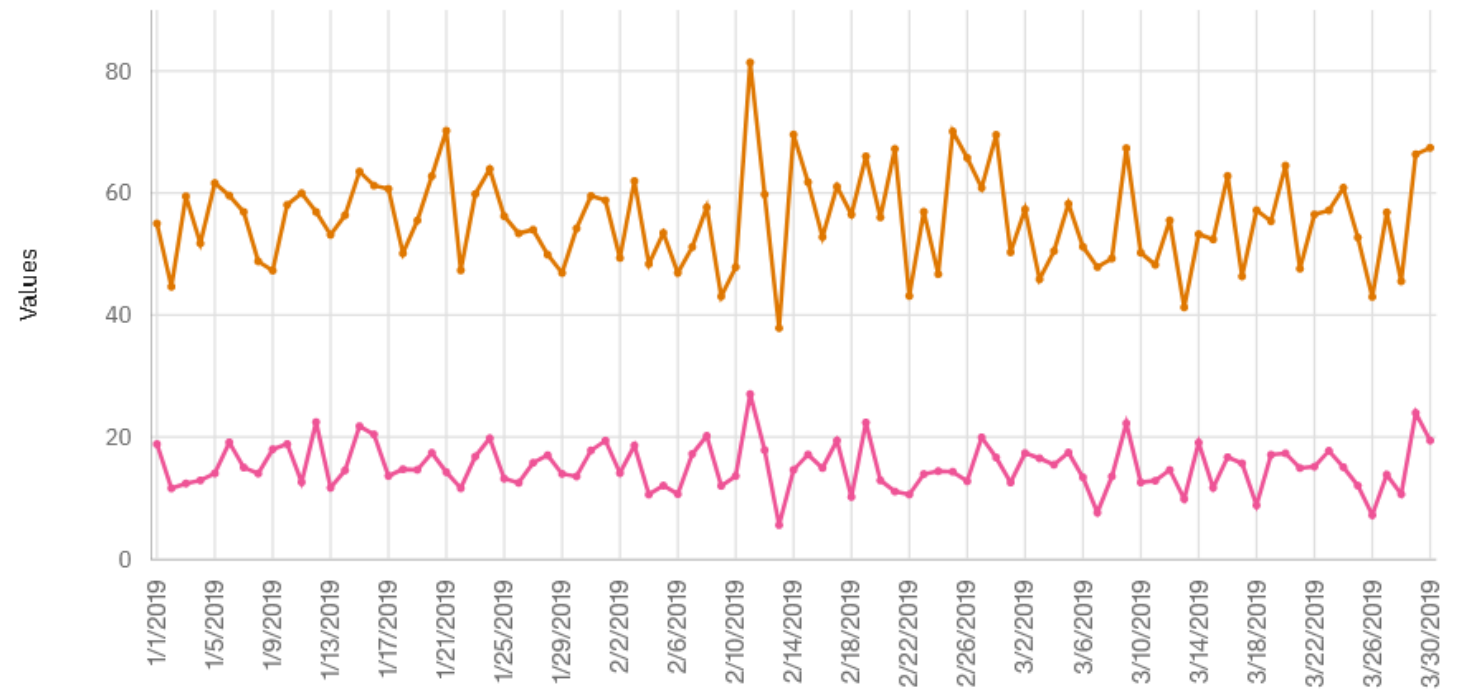
STORY

Tax and Unit Price Correlation

- Based on the current forecasting, Tax 5% may reach 14.27 by Date 2019-04-17.
- 2019-02-07 (2 %) and 2019-02-15 (1.9 %) are the most frequently occurring categories of Date with a combined count of 39 items with Tax 5% values (3.9 % of the total).
- The average values of Tax 5% range from 5.561, occurring when Date is 2019-02-13, to 27.04, when Date is 2019-02-11.
- 2019-02-07 (2 %) and 2019-02-15 (1.9 %) are the most frequently occurring categories of Date with a combined count of 39 items with Unit price values (3.9 % of the total).

Tax 5% and Unit price by Date

Measures
● Tax 5% ● Unit price

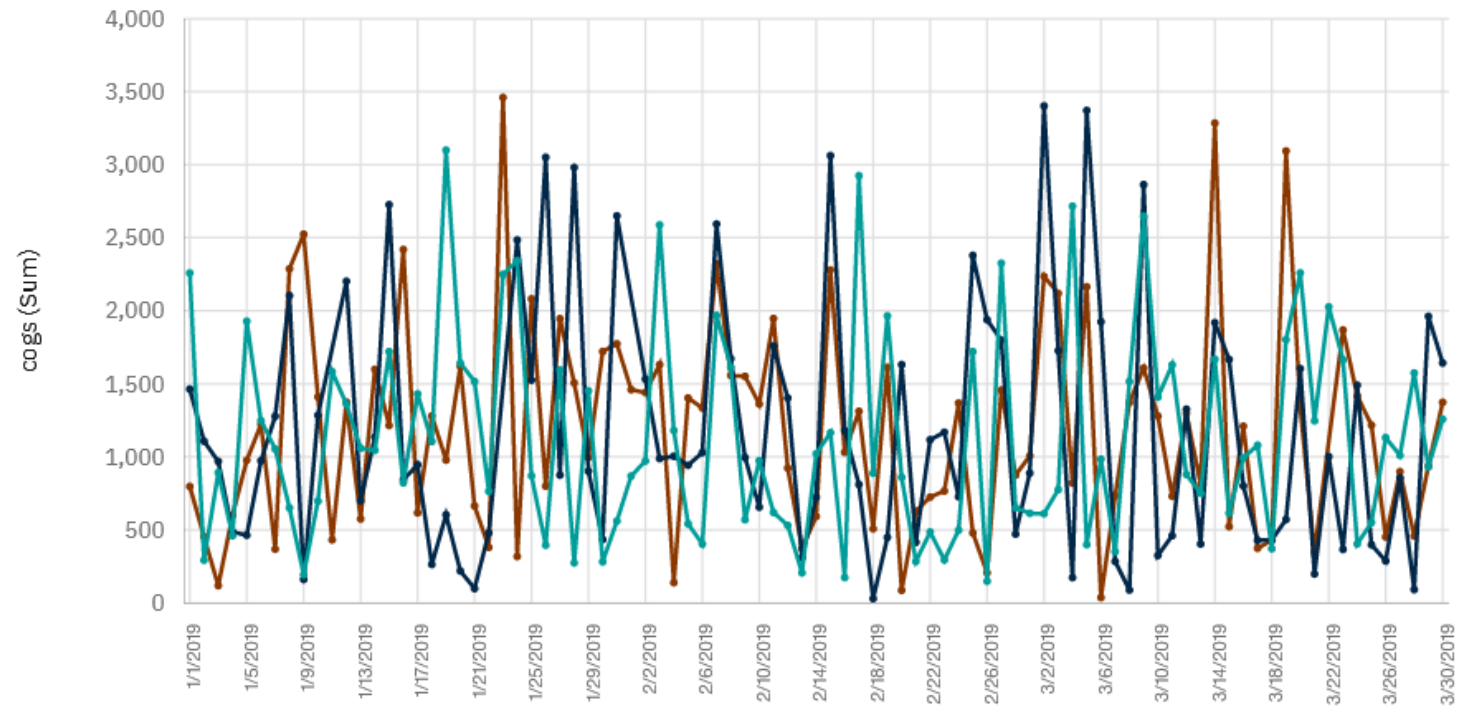


Branch's Cost Of Good Sold By Date

- Based on the current forecasting, cogs may reach almost 3500 by Date 2019-04-17.
- From 2019-03-04 to 2019-03-05, B's cogs increased by 1847%.
- For cogs, the most significant values of Date are 2019-03-09, 2019-02-07, 2019-03-14, 2019-02-15, and 2019-03-02, whose respective cogs values add up to almost 34 thousand, or 10.9 % of the total.
- For cogs, the most significant value of Branch is C, whose respective cogs values add up to over 105 thousand, or 34.2 % of the total.

cogs by Date colored by Branch

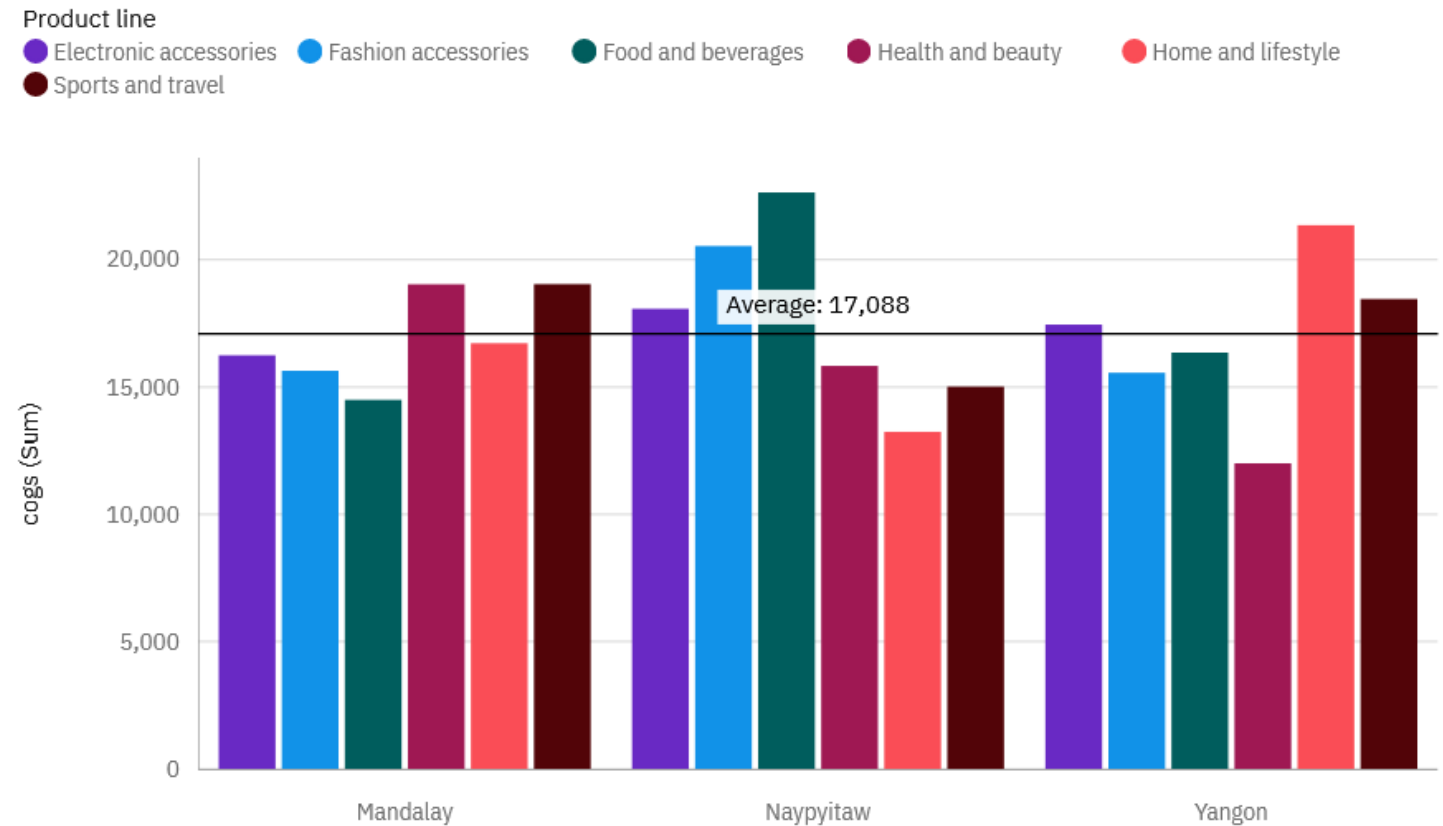
Branch
A B C



Supermarket Branch Analysis

- Product line Food and beverages has the highest cogs at over 53 thousand, out of which City Naypyitaw contributed the most at almost 23 thousand.
- For cogs, the most significant value of City is Naypyitaw, whose respective cogs values add up to over 105 thousand, or 34.2 % of the total.
- For cogs, the most significant values of Product line are Food and beverages, Sports and travel, Electronic accessories, Fashion accessories, and Home and lifestyle, whose respective cogs values add up to almost 261 thousand, or 84.8 % of the total.

cogs by City colored by Product line



Product and Gender Relation

- Females has the highest values of both Quantity and cogs.
- Females Invest more in Food and Beverages than Health and Beauty products
- Likewise, Females dominates the Fashion Accessories Product Line
- Males tend to invest more in Health and Beauty categories.
- For Quantity, the most significant values of Product line are Electronic accessories and Food and beverages, values add up to nearly two thousand, or 34.9 % of the total.
- Product line Electronic accessories has the highest Total Quantity but is ranked #3 in Total cogs.

Quantity by Product line colored by Gender

