

21BDS0340

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Foundations of Data Science

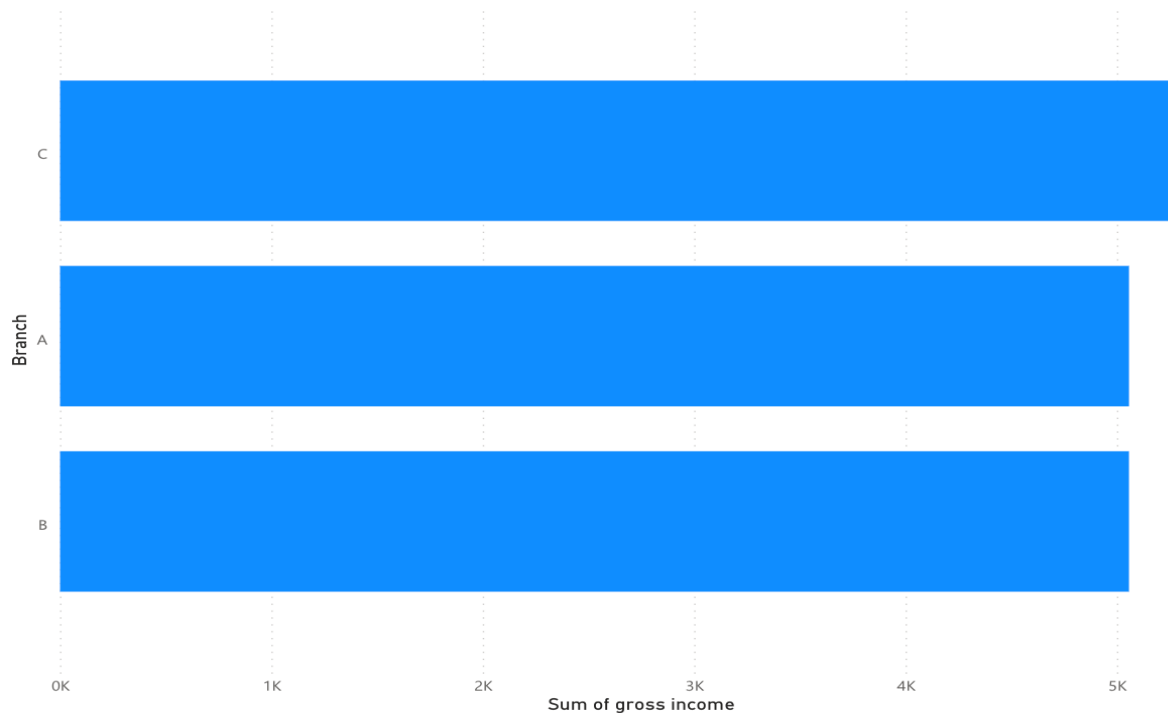
## Digital Assignment – II

The data for the following visualisation is taken from:

<https://www.kaggle.com/datasets/aungpyaeap/supermarket-sales>

The following visualisation is the gross income from each branch. We can see that C has the most sales, followed by A and B being almost equal.

Sum of gross income by Branch



The following is the city distribution of the data, we can see that they are cities from Myanmar.

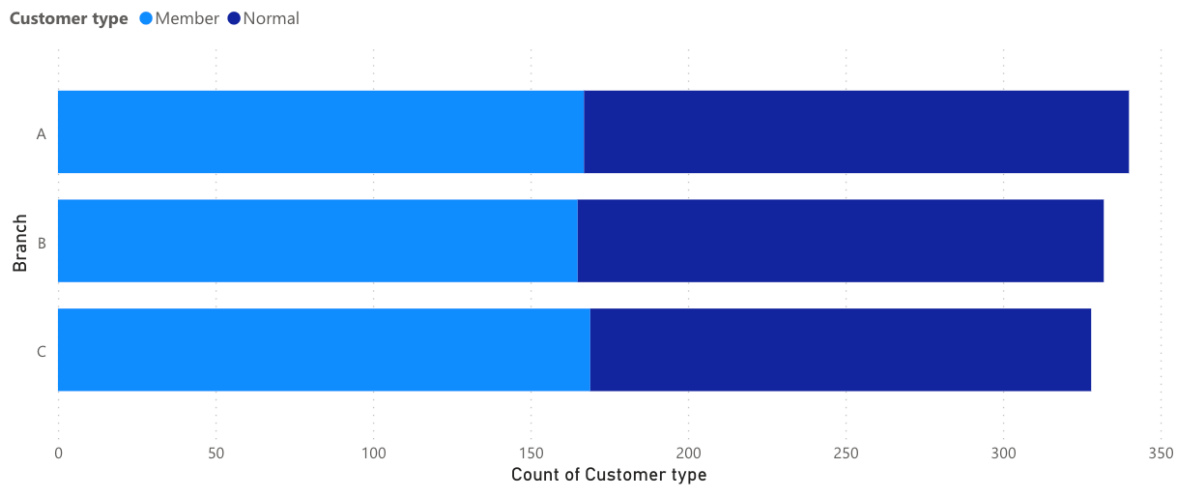
City and City

City ● Mandalay ● Naypyitaw ● Yangon



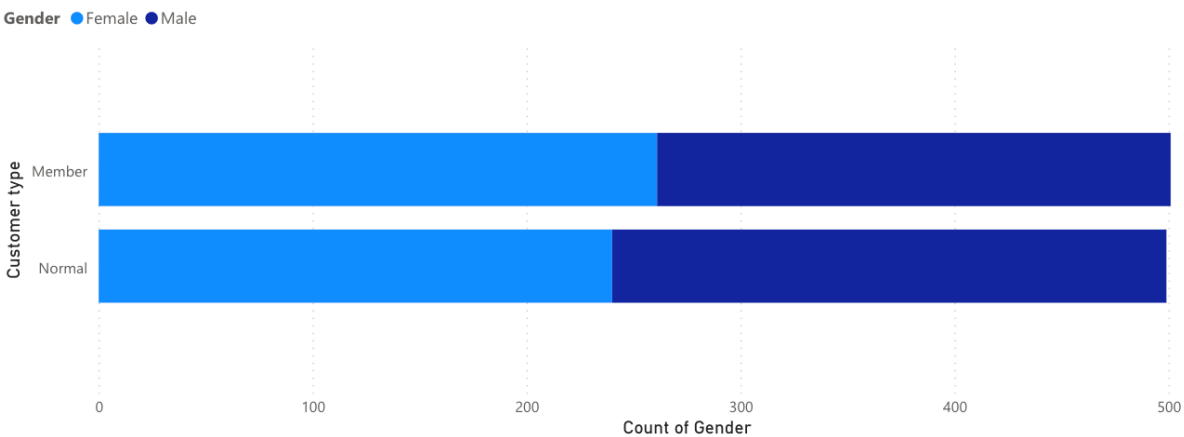
The following is a visualisation for member and normal customers for each branch of the supermarket.

Count of Customer type by Branch and Customer type



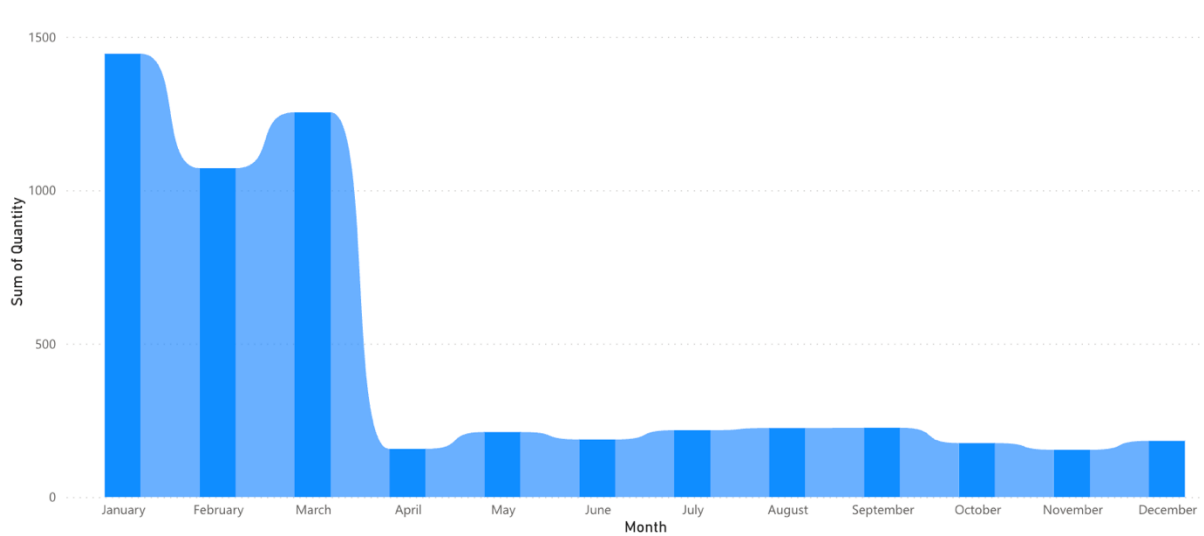
The following is a distribution of genders among the member types.

Count of Gender by Customer type and Gender



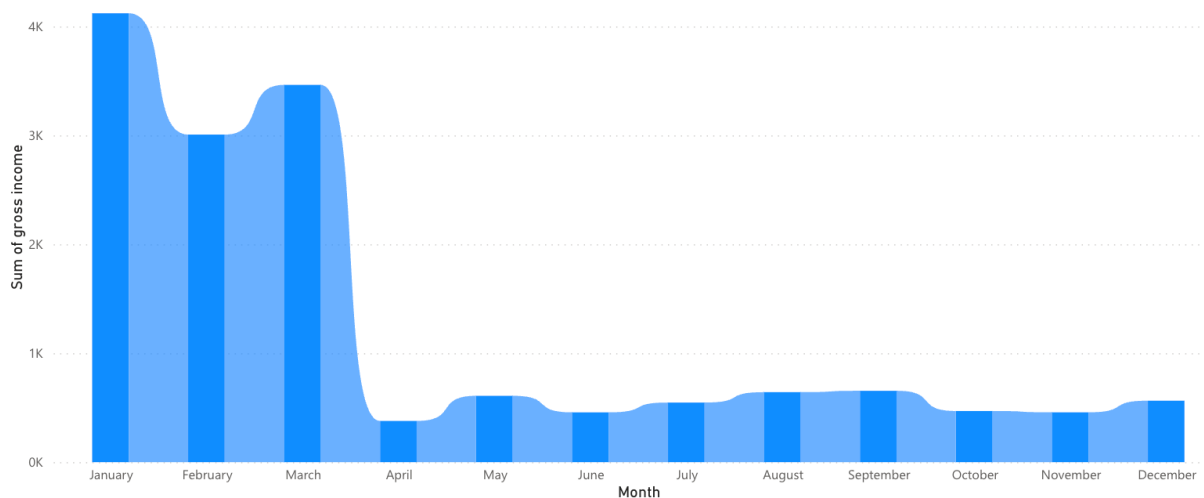
The following is a graph of the sum of the products sold by month:

Sum of Quantity by Month



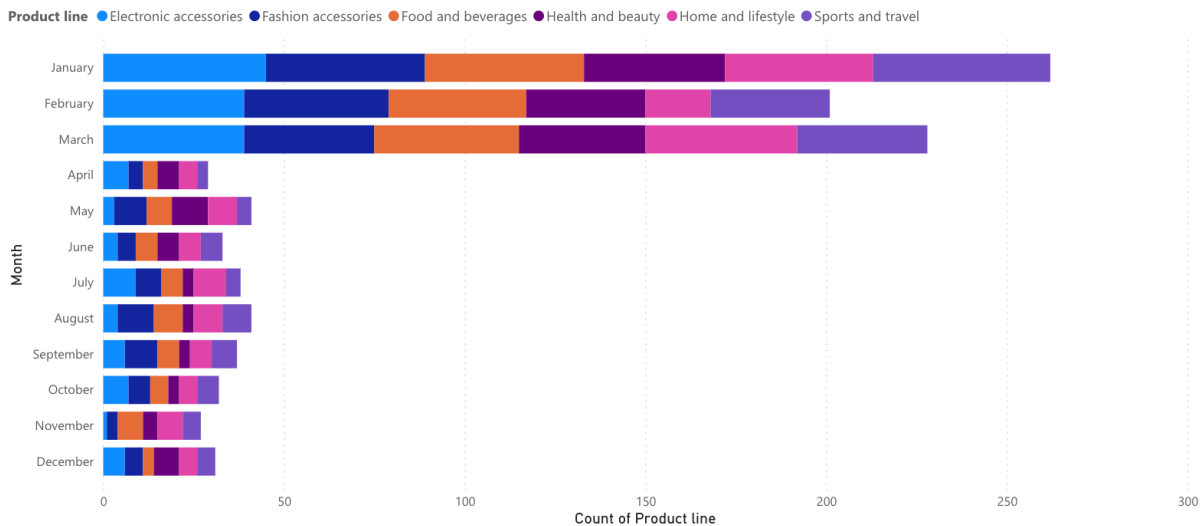
The following is a graph of the gross income by month:

Sum of gross income by Month



The following is a graph of the category of products sold by month:

Count of Product line by Month and Product line



Ratings of products:

Count of Product line by RoundedRating and Product line

