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

GitHub Repository Link: <https://github.com/Atta-UR/Assignment-1-Visualisation-Super-market-data-set-By-Atta-Ur-Rahman.git>

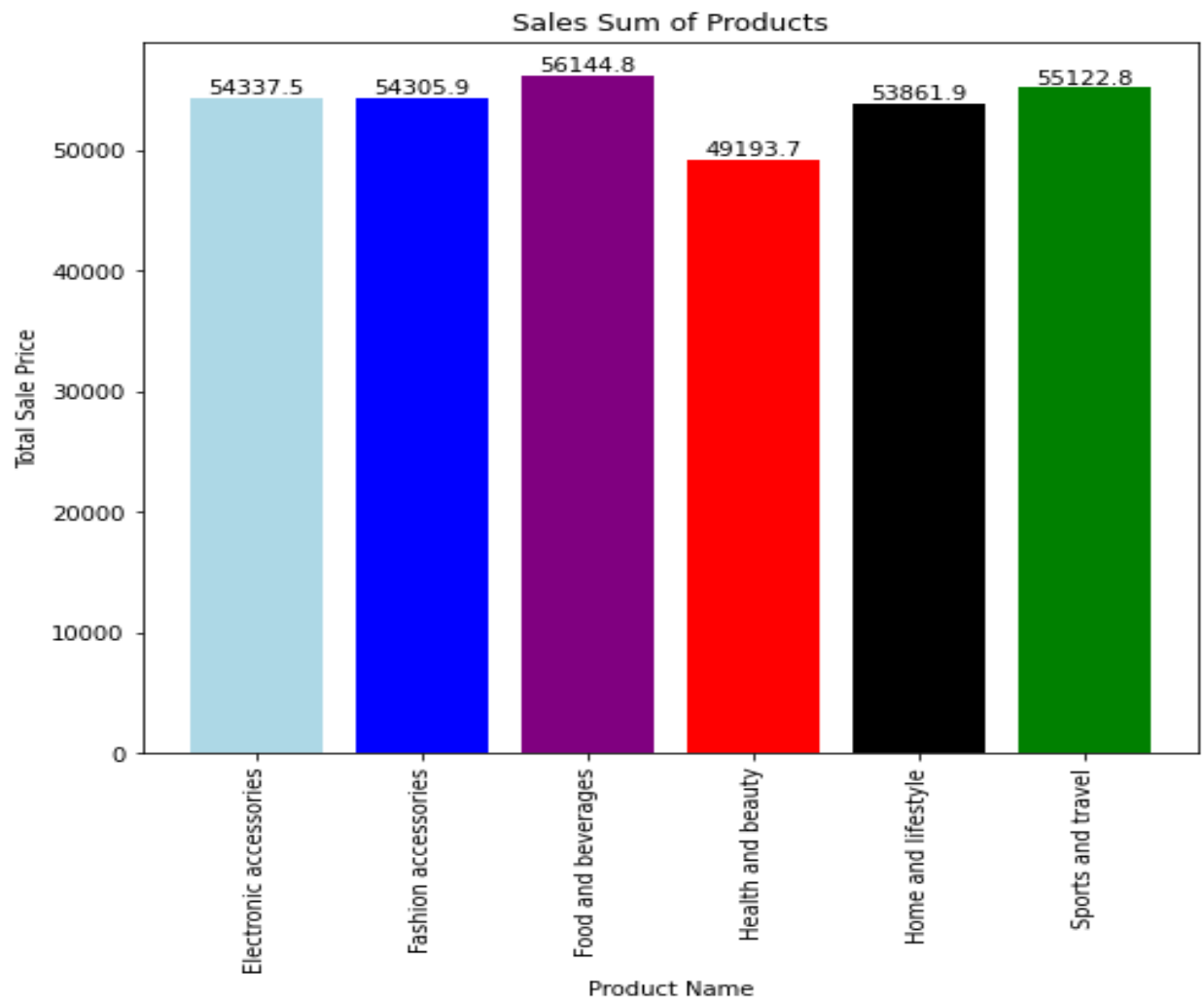
Visualization 01: Comparison between weekly sum of sales of three stores from Jan-2019 to apr-2019.



A line plot is a good way to show change in weekly sum of sales three super stores over time.

In the above graph we can see the changes in weekly sales over three-month period of three stores. During the first half of month one the general trend is upward. But during the second half of first month it's generally coming downwards apart from Mandalay store who sees an increase in sales during the last quarter of month. During second month the sales tend to decrease and then start to rise in the beginning of third month. Then it follows a downward trend at the end of 3rd month.

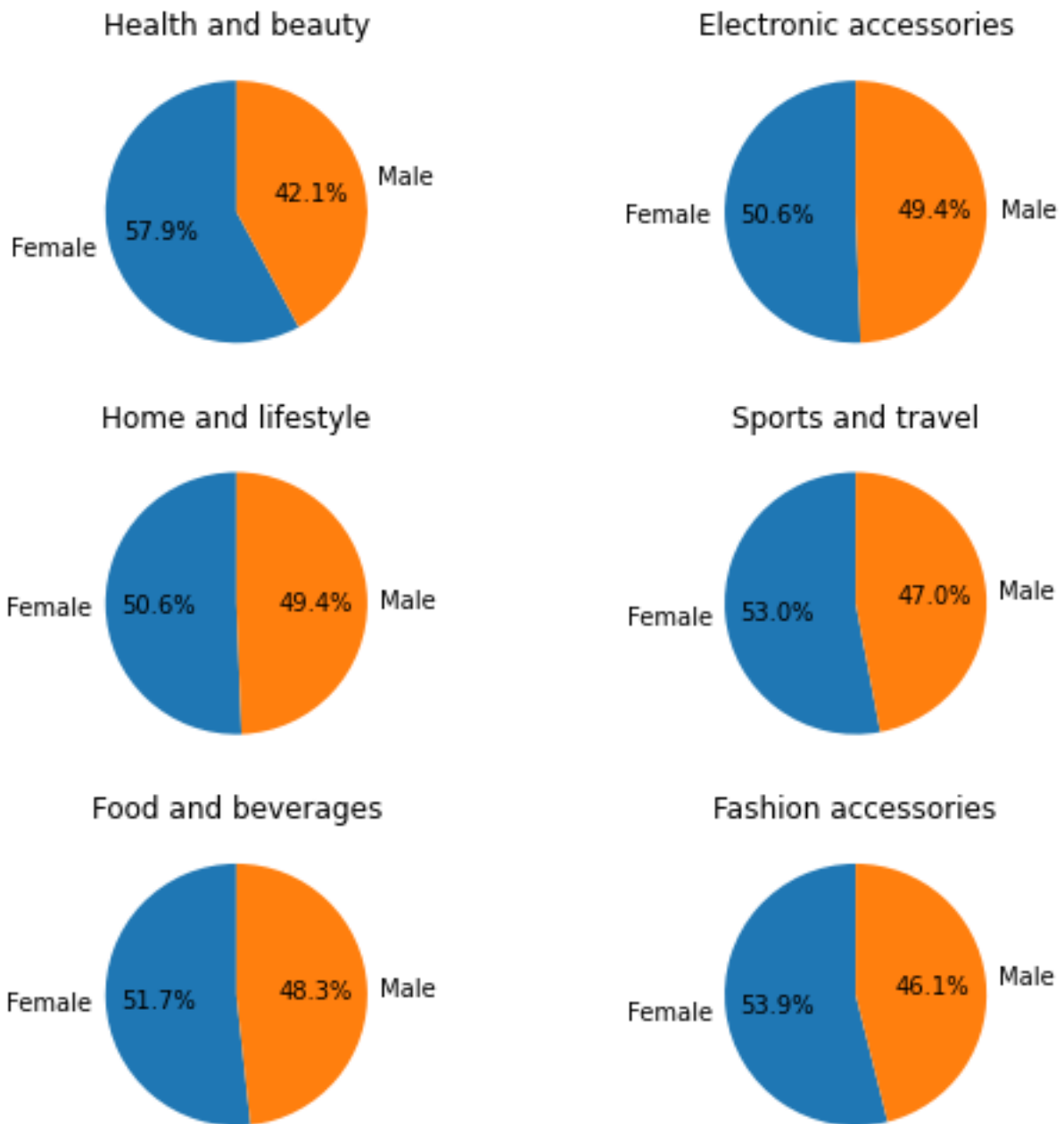
Visualization 02: Product Lines Sales Comparisons:



A bar graph is a good way to compare the total sales of different product lines.

In The above we can see Food and beverages is the most sold product line followed by “Sports and travel” and electronic accessories. Health and beauty are the least sold product line. Homes and lifestyle items got sold slightly more than it.

Visualization 03: Sales Comparison between Gender over different Product lines:



The given pie chart used to show the sales distribution among male and female for six product lines.

The above pie chart shows that the women's are dominating men's in term of shopping in all the product lines. In "health and beauty" and "Fashion accessories" the ration is slightly higher comparing with other categories.