

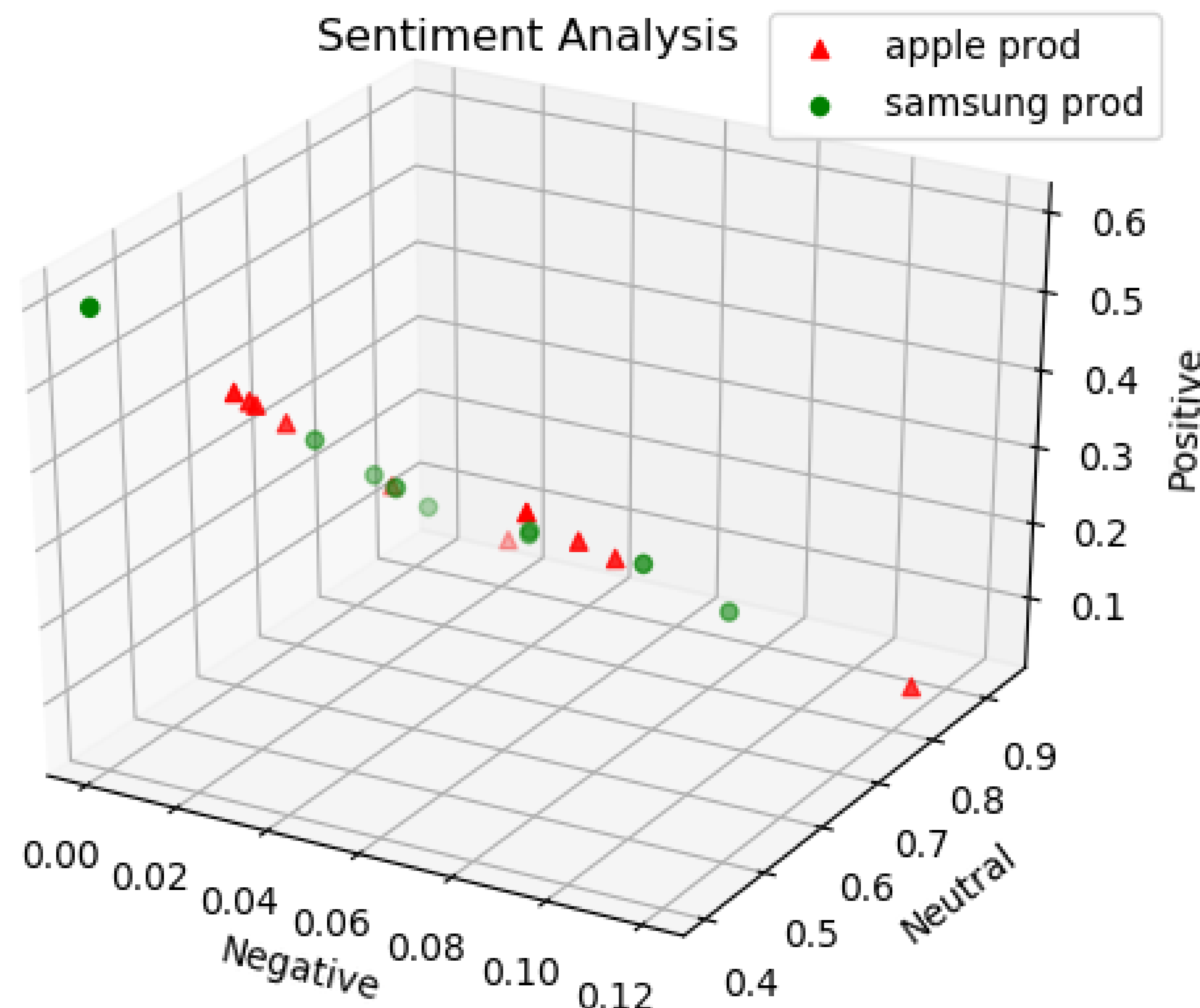
Introduction

Does two similar products of different brands have comparable customer reviews on ebay? What kind of information can we get from the customer reviews? What are the key features of both the products? We will analyze customer reviews of two products from ebay.

Materials/Methods

The URL of two products are taken from ebay, the data of 10 latest customer reviews are retrieved using beautiful soup modules is stored in a pickle file. Using pyplot module and nltk helpers, the sentiment analysis is performed and a 3D figure is plotted by representing polarities of the reviews.

Results



Conclusion

- Apple Watch Series 3 has slightly better customer review compared to Samsung Gear S3 because there are more number of positive reviews for Apple Watch series 3 whereas Samsung Gear S3 have more neutral reviews when sentiment analysis is performed.
- By performing lexical diversity on ebay customer reviews of Apple Watch Series 3 and Samsung Gear S3, it is observed that the lexical diversity of the Apple product is slightly higher than the Samsung Product.

Additional Resources

- <https://www.ebay.com/>
- <https://matplotlib.org/3.1.0/api/>

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GitHub Link

<https://github.com/44520-s19/wm-final-project-RudraPotturi>