



## V. CONCLUSION

In this way, we performed a sentiment analysis on the text data of our survey data. We found out that the data is positive. In the future, we will wrangle data from various source and create a comprehensive analysis.

## APPENDIX A CODE IMPLEMENTATION

Run the code at Google Colab:

<https://colab.research.google.com/drive/1PWxiwcoLIKguR0ZUsdIjdmktVoD0zb3B>

## APPENDIX B

### NATURAL LANGUAGE PROCESSING (NLP)

#### A. NLP Pipeline

- 1) *Data Cleaning*:
- 2) *Tokenization*:
- 3) *Stopwords Removal*: Remove any words that won't values to analytic part.
- 4) *Stemming*:
- 5) *Vectorization*:
- 6) *Classification*: Classify the words as positive, negative or neutral.

#### B. Natural Language Toolkit (NLTK)

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## VERSION HISTORY

Version	Commit
1.0.0	Intial Commit
1.0.1	Summarized key aspect of the paper

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