Sentiment Analysis on Social Media posts

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INTRODUCTION

- It tells you about how people feel about your brand online.
- It considers emotions and opinions.

Approach

- Task 1 : Data collection, Data preprocessing
- Task 2 : Sentiment classifiers and Training classifiers
- Task 3 : Features Extraction

Tech Stack

- LaTeX
- Python 3.7
- Google Colab, Jupyter
- Libraries : Pandas, Numpy, Matplotlib, nltk, wordcloud, sklearn

Challenges

- Relevant datasets
- Target variable
- Predicting negative reviews

Learnings

- Tfidf vectorizer
- Pipeline
- Wordcloud

Statistics

- Number of libraries : 6
- Number of lines of code : 121

References

- hrefhttps://medium.com/@cmukesh8688/tf-idf-vectorizer-scikit-learn-dbc0244a911a
- hrefhttps://algorithmia.com/blog/ml-pipeline
- hrefhttps://www.diva-portal.org/smash/get/diva2:1241547/FULLTEXT01.pdf
- hrefhttps://matplotlib.org/

THANK YOU