README

Sentiment analysis

Dataset: IMDB movie review dataset

Dataset description:

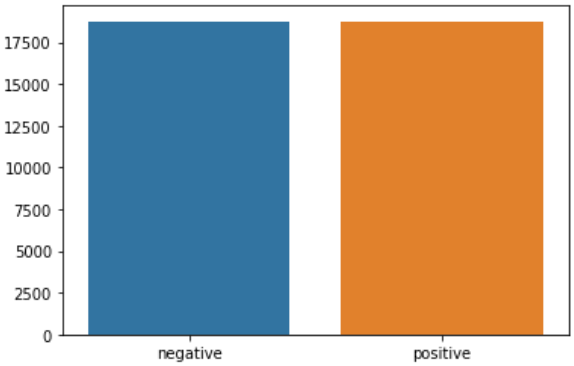
Columns:

1. Text
2. Label

Max length of Text column:

- 652

Total number of rows: 39,723



Algorithm: Deep Learning:

- LSTM model

Accuracy score: F1 score

- 89%

Reference:

https://learn.datacamp.com/courses/sentiment-analysis-in-python -Datacamp sentiment analysis with python

https://towardsdatascience.com/a-step-by-step-tutorial-for-conducting-sentiment-analysis-a7190a444366-Towardsdatascience: step by step tutorial

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https://towardsdatascience.com/top-nlp-libraries-to-use-2020-4f700cdb841f -Top NLP libraries:

https://medium.com/analytics-vidhya/sentiment-analysis-for-text-with-deep-learning-2f0a0c6472b5 -Medium's sentiment analysis with deep learning

https://gitlab.com/praj88/deepsentiment-Medium's sentiment analysis with deep learning

https://www.youtube.com/watch?v=8N-nM3QW7O0

https://www.youtube.com/watch?v=Hfrz5J-uK8w

https://machinelearningmastery.com/train-test-split-for-evaluating-machine-learning-algorithms/

https://www.kaggle.com/arunmohan003/sentiment-analysis-using-lstm-pytorch

https://www.kaggle.com/ngyptr/lstm-sentiment-analysis-keras - LSTM sentiment analysis Keras