README File for Machine Learning Final Project

Project group

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Folder /code/matlab

1. **nb_bernoulli.m**

(Sentiment analysis implementation for Bernoulli Naive bayes)

Folder /code/matlab

2. **nb_multinomial.m**

(Sentiment analysis implementation for Multinomial Naive bayes)

Folder /code/matlab

3. **nb_binarized_multinomial.m**

(Sentiment analysis implementation for Binarized multinomial Naive bayes)

Folder /code/matlab

4. **nb_bm_log.m**

(Sentiment analysis implementation for Log frequency counts of Naive bayes)

Folder /code/matlab

5. **sentpol.m**

(Sentiment analysis implementation using pre annotated polarity words)

Folder /code/matlab

6. **nb_bernoulli_polarity.m**

(Sentiment analysis implementation for Bernoulli Naive bayes using synthetic words approach)

Folder /code/matlab

7. **nb_multinomial_polarity.m**

(Sentiment analysis implementation for Multinomial Naive bayes using synthetic words approach)

Folder /code/python scripts for preprocessing

8. **nb_multinomial_polarity.m**

(Contains various python scripts for forming the dataset from raw reviews and eliminating stop words)