

Word2Vec and Doc2Vec Sentiment Analysis Project

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[python sentiment.py data/imdb/ nlp](#)

Naive Bayes

predicted: pos neg

actual:

pos 10869 1631

neg 2284 10216

accuracy: 0.843400

Logistic Regression

predicted: pos neg

actual:

pos 10769 1731

neg 2080 10420

accuracy: 0.847560

[python sentiment.py data/imdb/ d2v](#)

Naive Bayes

predicted: pos neg

actual:

pos 4756 7744

neg 2025 10475

accuracy: 0.609240

Logistic Regression

predicted: pos neg

actual:

pos 10395 2105

neg 2033 10467

accuracy: 0.834480

[python sentiment.py data/twitter/ nlp](#)

Naive Bayes

predicted: pos neg

actual:

pos 68846 6139

neg 54869 20111

accuracy: 0.593185

Logistic Regression

predicted: pos neg

actual:

pos 68897 6088

neg 54923 20057

accuracy: 0.593165

[python sentiment.py data/twitter/ d2v](#)

Naive Bayes

predicted: pos neg

actual:

pos 58835 16150

neg 50267 24713

accuracy: 0.557117

Logistic Regression

predicted: pos neg

actual:

pos 53947 21038

neg 33535 41445

accuracy: 0.636095