

IMDB NLP results:

```
C:\Users\vishw\Documents\Spring-2020\Project10\Word2Vec and Doc2Vec Sentiment Analysis Project Resources
-20200402>python sentiment_solution.py data/imdb/ nlp
[nltk_data] Downloading package stopwords to
[nltk_data]   C:\Users\vishw\AppData\Roaming\nltk_data...
[nltk_data]   Package stopwords is already up-to-date!
Naive Bayes
-----
predicted:      pos      neg
actual:
pos              10294    2206
neg              3250    9250
accuracy: 0.781760

Logistic Regression
-----
predicted:      pos      neg
actual:
pos              10283    2217
neg              2876    9624
accuracy: 0.796280
```

IMDB D2V results:

```
C:\Users\vishw\Documents\Spring-2020\Project10\Word2Vec and Doc2Vec Sentiment Analysis Project Resources
-20200402>python sentiment_solution.py data/twitter/ d2v
[nltk_data] Downloading package stopwords to
[nltk_data]   C:\Users\vishw\AppData\Roaming\nltk_data...
[nltk_data]   Package stopwords is already up-to-date!
Naive Bayes
-----
predicted:      pos      neg
actual:
pos              55424    19561
neg              45962    29018
accuracy: 0.563078

Logistic Regression
-----
predicted:      pos      neg
actual:
pos              57060    17925
neg              30625    44355
accuracy: 0.676258
```

Twitter NLP results:

```
C:\Users\vishw\Documents\Spring-2020\Project10\Word2Vec and Doc2Vec Sentiment Analysis Project Resources
-20200402>python sentiment_solution.py data/twitter/ nlp
[nltk_data] Downloading package stopwords to
[nltk_data]   C:\Users\vishw\AppData\Roaming\nltk_data...
[nltk_data]   Package stopwords is already up-to-date!
Naive Bayes
-----
predicted:    pos    neg
actual:
pos           68533   6452
neg           54783   20197
accuracy: 0.591671

Logistic Regression
-----
predicted:    pos    neg
actual:
pos           68618   6367
neg           54578   20402
accuracy: 0.593605
```

Twitter D2V results:

```
C:\Users\vishw\Documents\Spring-2020\Project10\Word2Vec and Doc2Vec Sentiment Analysis Project Resources
-20200402>python sentiment_solution.py data/twitter/ d2v
[nltk_data] Downloading package stopwords to
[nltk_data]   C:\Users\vishw\AppData\Roaming\nltk_data...
[nltk_data]   Package stopwords is already up-to-date!
Naive Bayes
-----
predicted:    pos    neg
actual:
pos           55424   19561
neg           45962   29018
accuracy: 0.563078

Logistic Regression
-----
predicted:    pos    neg
actual:
pos           57060   17925
neg           30625   44355
accuracy: 0.676258
```