Word2Vec and Doc2Vec sentiment analysis project- Krishna Murali- kmurali2

python3 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
```

python3 sentiment.py data/imdb/ d2v

```
Naive Bayes
-----------
predicted:        pos        neg
actual:
pos              5451       7049
neg              2244      10256
accuracy: 0.628280

Logistic Regression
-------------------
predicted:        pos        neg
actual:
pos             10764       1736
neg              1758      10742
accuracy: 0.860240
```

python3 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
```

python3 sentiment.py data/twitter/ d2v

```
Naive Bayes
-----------
predicted:        pos      neg
actual:
pos              55521    19464
neg              45890    29090
accuracy: 0.564205

Logistic Regression
-------------------
predicted:        pos      neg
actual:
pos              57110    17875
neg              30365    44615
accuracy: 0.678325
```