

Results Obtained :

Python sentiment.py data/imdb/ 0

Naive Bayes

predicted: pos neg

actual:

pos 10592 1908

neg 1854 10646

accuracy: 0.849520

Logistic Regression

predicted: pos neg

actual:

pos 10898 1602

neg 1803 10697

accuracy: 0.863800

Python sentiment.py data/imdb/ 1

Naive Bayes

predicted: pos neg

actual:

pos 5521 6979

neg 2201 10299

accuracy: 0.632800

Logistic Regression

predicted: pos neg

actual:

pos 10774 1726

neg 1691 10809

accuracy: 0.863320

Python sentiment.py data/twitter/ 0

Naïve Bayes

predicted: pos neg

actual:

pos 59738 15247

neg 43833 31147

accuracy: 0.606041

Logistic Regression

predicted: pos neg

actual:

pos 61021 13964

neg 44723 30257

accuracy: 0.608662

Python sentiment.py data/twitter/ 1

Naive Bayes

predicted: pos neg

actual:

pos 55059 19926

neg 45618 29362

accuracy: 0.562938

Logistic Regression

predicted: pos neg

actual:

pos 57100 17885

neg 30302 44678

accuracy: 0.678678