

IMDB Dataset with NLP Vectorization

Naive Bayes

predicted:	pos	neg
actual:		
pos	10811	1689
neg	1939	10561

accuracy: 0.854880

Logistic Regression

predicted:	pos	neg
actual:		
pos	10903	1597
neg	1739	10761

accuracy: 0.866560

Twitter Dataset with NLP Vectorization

Naive Bayes

predicted:	pos	neg
actual:		
pos	59970	15015
neg	43487	31493

accuracy: 0.609896

Logistic Regression

predicted:	pos	neg
actual:		
pos	61236	13749
neg	44867	30113

accuracy: 0.609135

IMDB Dataset with Doc2Vec Vectorization

Naive Bayes

predicted:	pos	neg
actual:		
pos	7320	5180
neg	2125	10375

accuracy: 0.707800

Logistic Regression

predicted:	pos	neg
actual:		
pos	10810	1690
neg	1726	10774

accuracy: 0.863360

Twitter Dataset with Doc2Vec Vectorization

Naive Bayes

predicted:	pos	neg
actual:		
pos	53284	21701
neg	45854	29126

accuracy: 0.549528

Logistic Regression

predicted:	pos	neg
actual:		
pos	57068	17917
neg	30291	44689

accuracy: 0.678538