Text Classification
Brianna Murray

Logistic regression performed the worst out of all the approaches when it came to an accuracy score of 36%. When looking at the results, it was the only approach to fill in a value for all elements within the confusion matrix which I think contributed to the poor results. Many false positives and negatives. Naive Bayes had an alright accuracy score of 51%. It was odd that no matter what I tried the results for this approach always resulted the same. Not sure if that was a fault of my own or the algorithm was really just consistently giving the same results. Neural Networks gave the best results for accuracy score and overall confusion matrix. The accuracy score was 75% and that aligned very well with the classification report because the Other category for moods had greater precision than the previous two approaches.