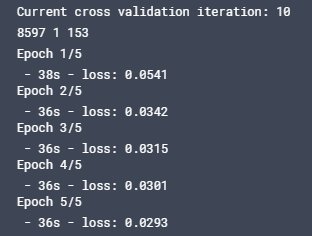
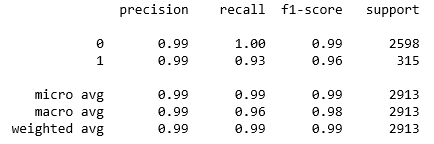
Training using CuDNNLSTM was slow for some reason



**Word2Vec (skipgram) MLP Neural Network Classifier**

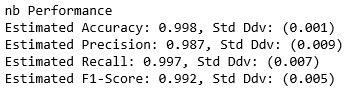
518 features, including bag of words w/ stop words (variables and functions) removed:

Accuracy: 0.9909028492962582

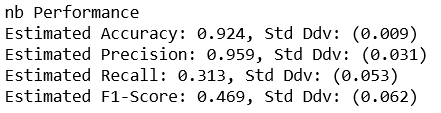


**Gaussian Naïve Bayes Classifier After Cross Validation**

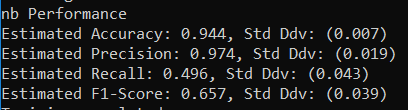
518 features, including bag of words w/ stop words (variables and functions) removed:



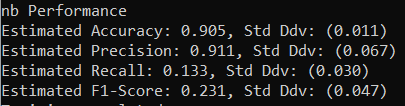
~500 features, did feature selection, including bag of words w/ stop words (variables and functions) removed:



~500 features, did feature selection, including bag of words w/ stop words (variables) removed. Filtered comments:

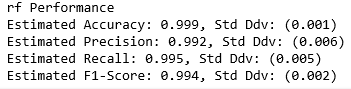


139 features, including bag of words (features only) w/ stop words (variables) removed:

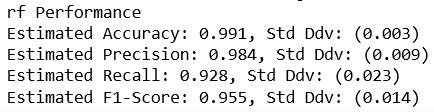


**Random Forest Classifier After Cross Validation**

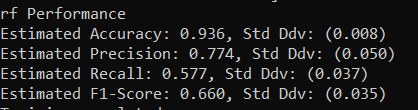
518 features, including bag of words w/ stop words (variables and functions) removed:



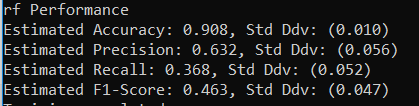
~500 features, did feature selection, including bag of words w/ stop words (variables and functions) removed:



~500 features, did feature selection, including bag of words w/ stop words (variables) removed. Filtered comments:

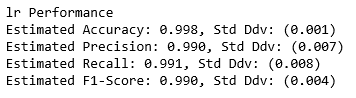


139 features, including bag of words (features only) w/ stop words (variables) removed:

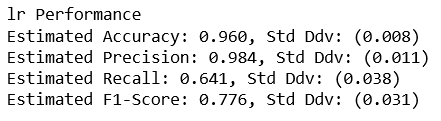


**Logistic Regression Classifier After Cross Validation**

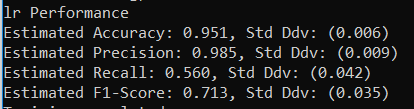
518 features, including bag of words w/ stop words (variables and functions) removed:



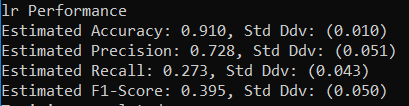
~500 features, did feature selection, including bag of words w/ stop words (variables and functions) removed:



~500 features, did feature selection, including bag of words w/ stop words (variables) removed. Filtered comments:

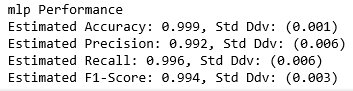


139 features, including bag of words (features only) w/ stop words (variables) removed:

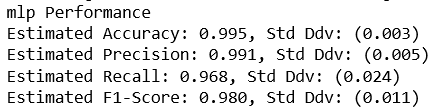


**MLP Classifier After Cross Validation**

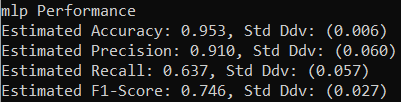
518 features, including bag of words w/ stop words (variables and functions) removed:



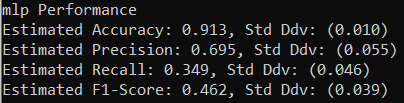
~500 features, did feature selection, including bag of words w/ stop words (variables and functions) removed:



~500 features, did feature selection, including bag of words w/ stop words (variables) removed. Filtered comments:

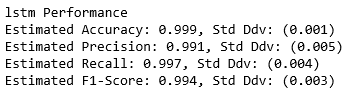


139 features, including bag of words (features only) w/ stop words (variables) removed:

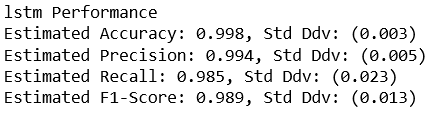


**LSTM Classifier After Cross Validation**

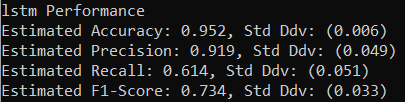
518 features, including bag of words w/ stop words (variables and functions) removed:



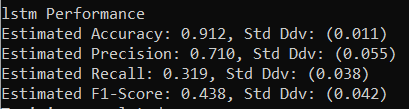
~500 features, did feature selection, including bag of words w/ stop words (variables and functions) removed:



~500 features, did feature selection, including bag of words w/ stop words (variables) removed. Filtered comments:

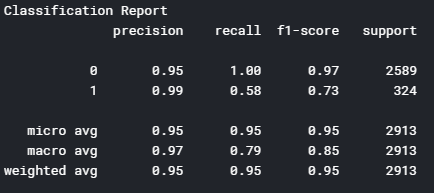


139 features, including bag of words (features only) w/ stop words (variables) removed:



**CNN (No Cross Validation Yet)**

518 features, bag of words, comments filtered



**CNN After Cross Validation**

518 features, bag of words, comments filtered

