**Tf-Idf Vectorizer: Single Word**

Naive Bayes Classifier –

Confusion Matrix: [[20 0] [14 2]] Accuracy: 0.61

Logistic Regression –

Confusion Matrix: [[20 0] [10 6]] Accuracy: 0.72

SVM Model –

Confusion Matrix: [[20 0] [11 5]] Accuracy: 0.69

Bagging Model – RFC –

Confusion Matrix: [[20 0] [10 6]] Accuracy: 0.72

Boosting Model – XGB –

Confusion Matrix: [[18 2] [ 2 14]] Accuracy: 0.88

**Tf-Idf Vectorizer: Single Word – POS**

Naive Bayes Classifier –

Confusion Matrix: [[20 0] [14 2]] Accuracy: 0.61

Logistic Regression –

Confusion Matrix: [[20 0] [10 6]] Accuracy: 0.72

SVM Model –

Confusion Matrix: [[19 1] [11 5]] Accuracy: 0.66

Bagging Model – RFC –

Confusion Matrix: [[20 0] [10 6]] Accuracy: 0.72

Boosting Model – XGB –

Confusion Matrix: [[19 1] [ 3 13]] Accuracy: 0.88