Report Analysis

The Output file name is Result.tsv

After applying Logistic Regression the rate of Accuracy is 81%

```
#Applying the Logistic regression
logreg = LogisticRegression()
logreg = logreg.fit(t_train, s_train

#Print Accuracy
print(accuracy_score(logreg.predict(t_test),s_test))
```

OUTPUT: 0.8105906313645621

Random Forest Classifier accuracy rate 73%

```
#Applying Random Forest Classifier
rfc = RandomForestClassifier()
rfc.fit(t_train , s_train)
print(accuracy_score(rfc.predict(t_test),s_test))
```

OUTPUT: 0.7321792260692465

Decision Tree Classifier Accuracy 71%

```
#Applying Decision Tree Classifier
dtc = DecisionTreeClassifier()
dtc.fit(t_train , s_train)
print(accuracy_score(s_test, dtc.predict(t_test)))
```

OUTPUT: 0.7138492871690427