Requirements:

For this program to run the following libraries and specific areas of these libraries are required

- Random
- Time
- Pandas
- Numpy
- RE
- Scipy
  - Stats
- Math
- Statistics
- Ipython.display
  - Display_html
- Sklearn
  - Naïve_bayes => GaussianNB
  - Naïve_bayes => MultinomialNB
  - Model_selection => test_train_split
  - Model_selection => gridSearchCV
  - Feature_extraction.text => tfidfVectoriser
  - Metrics => accuracy_score,precison_score,recall_score,f1_score,roc_curve,auc
- Nltk
  - Stem => Porter stemmer
  - Corpus => stopwords

These requirements extend across the Main tool program and the hypothesis testing application for results.