## **Genre Prediction only by using the book title**

**BAGOFWORDS.ipynb: Implementation of the bag of words model**

### **Instructions**

#### **Following libraries need to be installed**

* pandas
* NumPy
* TensorFlow
* tflearn
* jupyter notebook

DATA.csv is used for this model

**LogisticRegression.ipynb: Implementation of the logistic regression model**

#### **Following libraries need to be installed**

* pandas
* NumPy
* TensorFlow
* sklearn
* nltk

The file can also be run with Google Colab

**NaiveBayes.ipynb: Implementation of the Naive Bayes Model**

Can be run using Google Colab

Goodreads\_books.csv is used for running the naive bayes and logistic regression model