

Read Me of Naive Bayes Classifier and Logistic Regression Classifier

Name : Karthika Karunakaran

Net Id : kxk152430

Naive Bayes

- Download the Dataset(train and test data), NaiveBayes.java class and the StopWords.txt files into the folder

-Compile the NaiveBayes: ***javac NaiveBayes.java***

-Execute the java class file : ***java <className> <path of the dataset/train> <path of the dataset/test>***

While executing give the path according to your machine location where you downloaded

java NaiveBayes.java <path of the dataset/train> <path of the dataset/test>

Logistic Regression

- Download the Dataset(train and test data), LogisticRegression.java, Structure.java, processFile.java and the StopWords.txt files into the folder

-Compile the LogisticRegression: ***javac LogisticRegression.java***

-Execute the java class file :

To Run without Stop words:

java <className> <path of the dataset/train> <path of the dataset/test> "no-stopwords"

To Run with Stop words:

java <className> <path of the dataset/train> <path of the dataset/test> "stopwords"

While executing give the path according to your machine location where you downloaded and mention "no-stopwords" or "stopwords" string without double-quotes

i. java LogisticRegression.java <path of the dataset/train> <path of the dataset/test> no-stopwords

ii. java LogisticRegression.java <path of the dataset/train> <path of the dataset/test> stopwords