

Workshop 4

Sentiment Analysis

Task

- Construct a Naïve Bayes classifier for movie review using the following feature extraction algorithms.
 - Bag of Words
 - TF-IDF
- Try different train/test splitting ratios. e.g. 70:30, 80:20 and 90:10.
 - Evaluate the models (precision, recall, f1 score)
 - Generate the confusion matrix
 - Record your findings, analyze and compare the model performance in your own words.