Reuters datasets

Extracting features and Lebels for each training and testing datasets

20 News group datasets

preprocessing step and lesting datasets Term Frequency and Inverse document Frequency model Implementation from skleern ACCUYY Accuracy, precision Finding which model is good on heral for Accuracy precision recall and F1500re Visualization of all accuracies precision, Recall and F1 Score Daled on our Experimental analysis we neve found that cosistic regression outperformed other models for text clessification on the 20 New Stoups and Renters News partisets. committe season way cosista Regression performed NOW its netter tranotrermodel's. 1) linear separability 2) less prone to overfitting
3) reter throling of Imbalanced data
3) reter throling of Imbalanced data a) Efficient Training