

Arabic Tweets Sentimental Analysis Using Machine Learning

Architecture:

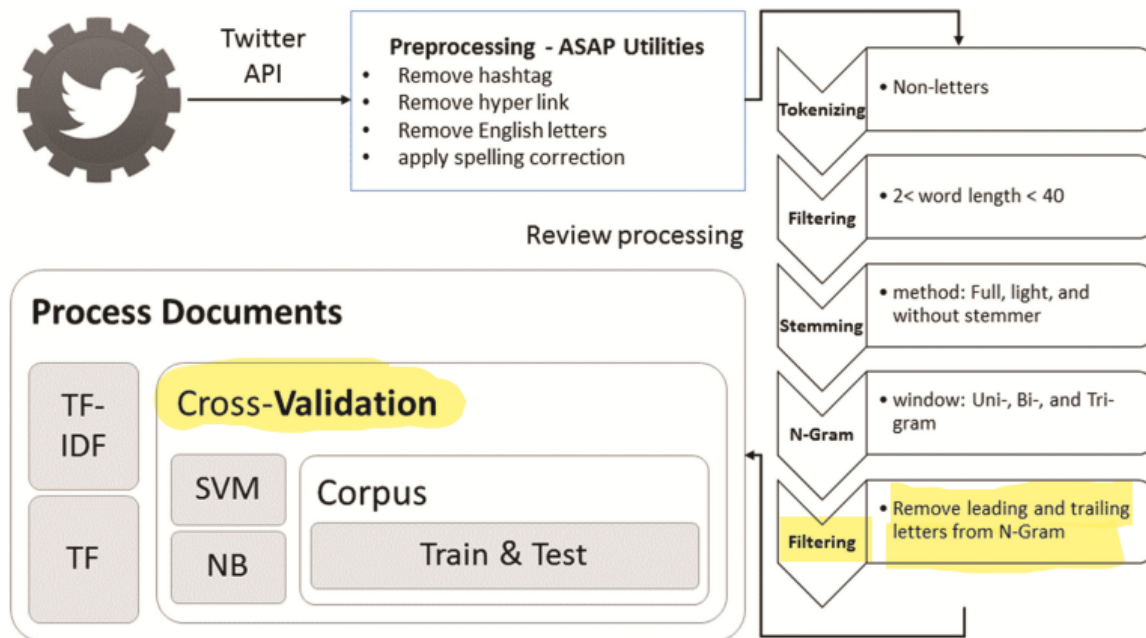


Fig. 1. Steps followed in the generation and validation of the AJGT corpus

Results:

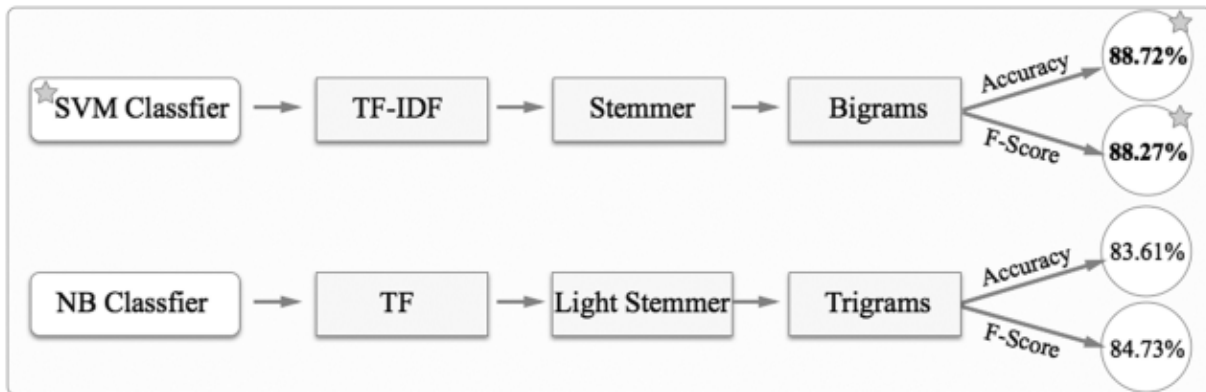


Fig. 5. Summary of best scenario results

Classifier	N-gram	Accuracy	Precision	Recall	F1
SVM	Bi	0.8872	0.9208	0.8489	0.8827
	Tri	0.8861	0.9210	0.8456	0.8812
NB	Bi	0.8144	0.7847	0.8678	0.8239
	Tri	0.8178	0.7878	0.8711	0.8271

Dataset

1800 Tweets in arabic Jordanian common language (900 +ve, 900 -ve)