

Stopwords and Stemming

Embedding	Classifier	Accuracy	Precision	Recall	F1-Score
TF-IDF	Decision Tree	0.70	0.71	0.70	0.70
TaMillion	KNN	0.79	0.74	0.79	0.75
XLM-Roberta	SGD	0.82	0.77	0.82	0.76
Masked LM	Majority Voting	0.80	0.77	0.80	0.78
mBERT	KNN	0.80	0.77	0.80	0.78
IndicBert	Majority Voting	0.79	0.79	0.79	0.79
MuRIL	KNN	0.84	0.81	0.84	0.81

Stopwords and NO-Stemming

Embedding	Classifier	Accuracy	Precision	Recall	F1-Score
TaMillion	DecisionTree	0.77	0.72	0.77	0.74
TF-IDF	Random Forest	0.79	0.72	0.79	0.75
XLM-Roberta	Majority Voting	0.82	0.79	0.82	0.76
Masked LM	Logistic Regression	0.82	0.78	0.82	0.77
IndicBert	Majority Voting	0.78	0.77	0.78	0.78
mBERT	Logistic Regression	0.84	0.81	0.84	0.80
MuRIL	KNN	0.83	0.81	0.83	0.81

NO-Stopwords and Stemming

Embedding	Classifier	Accuracy	Precision	Recall	F1-Score
TF-IDF	Decision Tree	0.72	0.69	0.72	0.71
TaMillion	KNN	0.78	0.72	0.78	0.74
Masked LM	Logistic Regression	0.83	0.79	0.83	0.77
XLM-Roberta	Majority Voting	0.83	0.80	0.83	0.78
mBERT	Logistic Regression	0.83	0.79	0.83	0.79
IndicBert	Majority Voting	0.81	0.80	0.81	0.81
MuRIL	Majority Voting	0.80	0.82	0.83	0.83

NO-Stopwords and NO-Stemming

Embedding	Classifier	Accuracy	Precision	Recall	F1-Score
TF-IDF	Decision Tree	0.72	0.68	0.72	0.70
TaMillion	KNN	0.78	0.73	0.78	0.75
XLM-Roberta	KNN	0.80	0.74	0.80	0.76
Masked LM	Logistic Regression	0.82	0.76	0.82	0.76
IndicBert	Random Forest	0.83	0.79	0.83	0.78
mBERT	Logistic Regression	0.84	0.81	0.84	0.80
MuRIL	Majority Voting	0.83	0.82	0.83	0.83