

Model	Accuracy	Precision	Recall	F1-Score
KNN TF-IDF	0.828	0.839	0.973	0.901
Naive Bayes TF-IDF	0.890	0.906	0.964	0.934
Decision Tree TF-IDF	0.830	0.892	0.897	0.895
Knn Tf-Idf Feature Selection	0.826	0.833	0.979	0.900
Naive Bayes Tf-Idf Fs	0.893	0.909	0.964	0.935
Decision Tree Tf-Idf Fs	0.832	0.894	0.897	0.895
Knn Tf-Idf Pca	0.834	0.886	0.911	0.898
Naive Bayes Tf-Idf Pca	0.787	0.928	0.798	0.858
Decision Tree Tf-Idf Pca	0.809	0.884	0.878	0.881
Knn n-gram	0.830	0.845	0.965	0.901
Naive Bayes n-gram	0.865	0.965	0.864	0.912
Decision Tree n-gram	0.832	0.894	0.897	0.895
Knn n-gram Fs	0.829	0.839	0.973	0.901
Naive Bayes n-gram Fs	0.862	0.965	0.859	0.909
Decision Tree n-gram Fs	0.831	0.893	0.898	0.895
Knn n-gram Pca	0.838	0.850	0.968	0.906

Naive Bayes n-gram Pca	0.719	0.839	0.805	0.822
Decision tree n-gram Pca	0.781	0.871	0.856	0.863