

Classifier	Model	Accuracy	AUC	Recall	Prec.	F1	Kappa	MCC
xgboost	Extreme Gradient Boosting	0.805	0.8333	0.875	0.8583	0.8562	0.5085	0.5337
catboost	CatBoost Classifier	0.785	0.85	0.875	0.8417	0.831	0.468	0.5137
nb	Naive Bayes	0.77	0.8917	0.85	0.8517	0.8255	0.4659	0.5044
lightgbm	Light Gradient Boosting Machine	0.76	0.6333	0.9667	0.7667	0.8484	0.2758	0.2891
et	Extra Trees Classifier	0.755	0.85	0.9083	0.7917	0.8324	0.3009	0.3395
rf	Random Forest Classifier	0.74	0.8833	0.9083	0.7867	0.8252	0.2918	0.317
ridge	Ridge Classifier	0.72	0	0.8083	0.8	0.7786	0.2922	0.3245
lda	Linear Discriminant Analysis	0.72	0.8	0.8083	0.8	0.7786	0.2922	0.3245
ada	Ada Boost Classifier	0.695	0.8667	0.775	0.7667	0.7552	0.2765	0.2926
dt	Decision Tree Classifier	0.69	0.6375	0.775	0.775	0.76	0.2573	0.265
gbc	Gradient Boosting Classifier	0.685	0.8	0.7417	0.7833	0.7376	0.2692	0.2891
lr	Logistic Regression	0.68	0.7	0.7417	0.725	0.7229	0.2278	0.2279
knn	K Neighbors Classifier	0.68	0.7417	0.8083	0.77	0.7571	0.1831	0.2021
qda	Quadratic Discriminant Analysis	0.68	0.5333	0.8333	0.7467	0.7531	0.1799	0.1908
dummy	Dummy Classifier	0.68	0.5	1	0.68	0.8067	0	0
svm	SVM - Linear Kernel	0.61	0	0.65	0.8117	0.669	0.14	0.1894