

Algorithm wise best model with the best hyperparameter

Algorithm	Accuracy	hyperparameters
Decision Tree	0.827	Max_depth=1
KNN	0.743	n_neighbors=11
Logistic Regression	0.824	C=0.0001, max_iter=1000, penalty='none'
SVM	71	C=100, gamma=0.001
Random Forest	0.820	max_depth=20, n_estimators=200, random_state=0
SDGClassifier	0.563	alpha=1e-06, class_weight='balanced', l1_ratio=0, random_state=0

Best Overall

Algorithm	Accuracy	Hyperparameters
Decision Tree	0.827	Max_depth=1