Model	Parameters	Accuracy	Precision	Recall	F1 Score
Decision Tree	{'max_depth': 30, 'min_samples_split': 50, 'min_samples_leaf': 1}	0.9211	0.9189	0.9577	0.9379
Decision Tree	{'max_depth': 20, 'min_samples_split': 5, 'min_samples_leaf': 4}	0.9561	0.9583	0.9718	0.965
Decision Tree	{'max_depth': 20, 'min_samples_split': 2, 'min_samples_leaf': 10}	0.9474	0.9452	0.9718	0.9583
Decision Tree	{'max_depth': 5, 'min_samples_split': 10, 'min_samples_leaf': 1}	0.9474	0.9577	0.9577	0.9577
Decision Tree	{'max_depth': 20, 'min_samples_split': 50, 'min_samples_leaf': 2}	0.9211	0.9189	0.9577	0.9379
Random Forest	{'n_estimators': 200, 'max_depth': 20, 'min_samples_split': 20, 'max_features': None}	0.9561	0.9583	0.9718	0.965
Random Forest	{'n_estimators': 300, 'max_depth': 20, 'min_samples_split': 10, 'max_features': 'log2'}	0.9649	0.9589	0.9859	0.9722
Random Forest	{'n_estimators': 300, 'max_depth': 40, 'min_samples_split': 20, 'max_features': 'sqrt'}	0.9649	0.9589	0.9859	0.9722
Random Forest	{'n_estimators': 300, 'max_depth': None, 'min_samples_split': 10, 'max_features': 'log2'}	0.9649	0.9589	0.9859	0.9722
Random Forest	{'n_estimators': 200, 'max_depth': 30, 'min_samples_split': 10, 'max_features': 'sqrt'}	0.9649	0.9589	0.9859	0.9722
AdaBoost	{'n_estimators': 300, 'learning_rate': 1.0}	0.9737	0.9722	0.9859	0.979
AdaBoost	{'n_estimators': 200, 'learning_rate': 0.5}	0.9737	0.9722	0.9859	0.979
AdaBoost	{'n_estimators': 200, 'learning_rate': 0.01}	0.9561	0.9583	0.9718	0.965
AdaBoost	{'n_estimators': 100, 'learning_rate': 1.5}	0.9737	0.9722	0.9859	0.979
AdaBoost	{'n_estimators': 300, 'learning_rate': 0.5}	0.9737	0.9722	0.9859	0.979