

***PREDICTION PERFORMANCE RESULTS COMPARISON OF MACHINE LEARNING MODELS  
FOR HEART DISEASE DETECTION***

NU-SVC Model Results	Gradient Boosting Model Results	XG Boosting Model Results	ExtraTree Classifier Model	Random Forrest Model Results	Stacked ModelResults
F1 Score Test 0.89	F1 Score Test 0.96	F1 Score Test 0.99	F1 Score Train 1.00	F1 Score Test 0.88	F1 Score Test 0.90
F1 Score Train 0.87	F1 Score Train 0.94	F1 Score Train 0.99	Train Accuracy 1.00	F1 Score Train 1.00	F1 Score Train 0.99
Precision 0.87	Precision 0.96	Precision 0.99	F1 Score Test 0.89	Precision 0.87	Precision 0.89
Recall 0.87	Recall 0.96	Recall 0.99	Precision 0.88	Recall 0.87	Recall 0.89
Test Accuracy 0.88	Test Accuracy 0.95	Test Accuracy 0.99	Recall 0.88	Test Accuracy 0.87	Test Accuracy 0.89
Train Accuracy 0.85	Train Accuracy 0.94	Train Accuracy 0.99	Test Accuracy 0.88	Train Accuracy 1.00	Train Accuracy 0.99