ALGORITHM	PRE-PROCESSED DATA ACCURACY	PRE-PROCESSED DATA + HYPER PARAMETER TUNING
LOGISTIC REGRESSION	Accuracy of train data = 85.48707753479125 % Accuracy of test data = 87.03703703703704 %	Accuracy of train data = 85.88469184890656 % Accuracy of test data = 86.11111111111111 %
SUPPORT VECTOR MACHINE	Accuracy of train data = 84.89065606361828 % Accuracy of test data = 86.11111111111111 %	Accuracy of train data = 92.44532803180915 % Accuracy of test data = 85.64814814814815 %
DECISION TREE	Accuracy of train data = 100.0 % Accuracy of test data = 87.5 %	Accuracy of train data = 90.25844930417495 % Accuracy of test data = 86.57407407407408 %
NAÏVE BAYES	Accuracy of train data = 85.2882703777336 % Accuracy of test data = 87.03703703703704 %	accuracy_score on test dataset : 0.8935185185185185
RANDOM FOREST	Accuracy of train data = 100.0 % Accuracy of test data = 89.81481481481481 %	Accuracy of train data = 100.0 % Accuracy of test data = 90.74074074074075 %
K NEAREST NEIGHBOUR	Accuracy of train data = 89.26441351888667 % Accuracy of test data = 84.72222222222221 %	Accuracy of train data = 89.06560636182903 % Accuracy of test data = 86.57407407407408 %