Model Report

Chosen model: Stacking

Accuracy: 0.7597 Precision: 0.6604 Recall: 0.6481 F1: 0.6542 ROC AUC: 0.8261

Model CV Scores

ExtraTrees: 0.8516
CatBoost: 0.8438
GradientBoosting: 0.8399
MLP: 0.8373
RandomForest: 0.8360
HistGB: 0.8321
XGBoost: 0.8282
KNN: 0.7969
SVC: 0.7878
DecisionTree: 0.7800
GaussianNB: 0.7422

Model CV Comparison

Confusion Matrix – Stacking