Capstone 2 Heart Disease Prediction
Model Metrics

Model	Precision	Recall	Accuracy	F1	AUC of ROC
Logistic Regression	92%	79%	87%	85%	92%
Logistic with scaled data	89%	83%	87%	86%	93%
Decision Tree	83%	66%	77%	73%	77%
Decision Tree with scaled data	82%	79%	82%	81%	82%
Random Forest (max d=9, gini, 100 trees)	85%	79%	84%	82%	91%
Random Forest CV1 (md=5, entropy, 75 trees, mxfeat=5, minsplit=5)	83%	83%	84%	83%	89%
Random Forest CV2 (md=5, entropy, mxfeat=5, 80 trees, minsplit=2)	83%	83%	84%	83%	91%
K Nearest Neighbors (Scaled data) k=13	86%	83%	85%	84%	91%
Support Vector Machine (RBF kernel) (Scaled data)	86%	83%	85%	84%	91%
Support Vector Machine (linear kernel)	83%	83%	84%	83%	92%