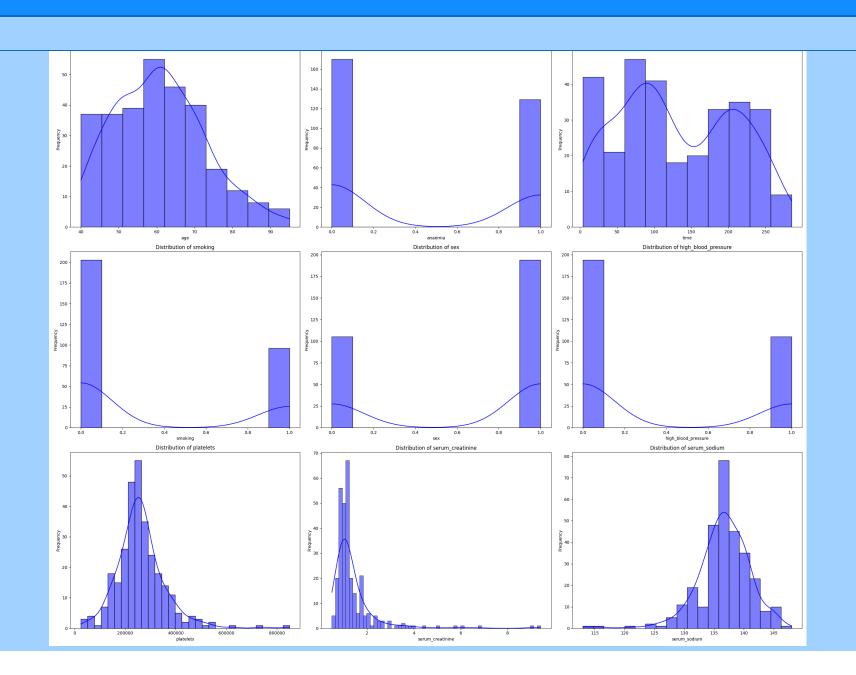
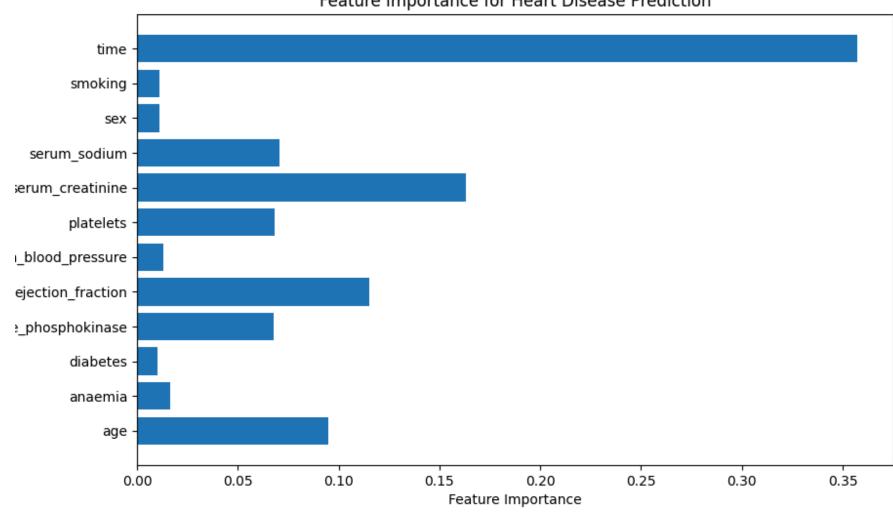
Variables Distribution Dashboard

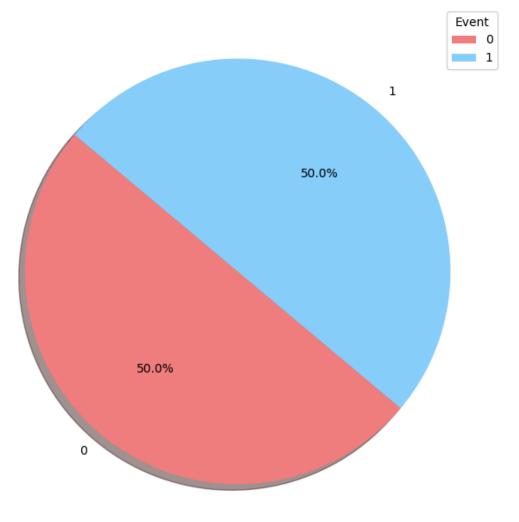


Correlation Heatmap age - 1.00 0.09 -0.10 0.07 0.02 -0.22 0.06 0.25 -0.08 0.09 -0.05 0.16 -0.05 anaemia 0.09 1.00 -0.01 -0.09 -0.11 -0.14 0.03 0.07 -0.19 0.04 -0.04 0.05 0.04 diabetes - 0.10 -0.01 1.00 -0.16 -0.15 0.03 -0.00 -0.00 -0.01 -0.01 0.09 -0.05 -0.09 9ex - 0.07 -0.09 -0.16 1.00 0.45 -0.02 -0.15 -0.00 0.08 -0.10 -0.13 0.01 -0.03 tme- -0.22 -0.14 0.03 -0.02 -0.02 1.00 0.04 -0.53 -0.01 -0.20 0.01 -0.15 0.09 ejection, fraction - 0.06 0.03 -0.00 -0.15 -0.07 0.04 1.00 -0.27 -0.04 0.02 0.07 -0.01 0.18 DEATH_EVENT - 0.25 0.07 -0.00 -0.00 -0.01 -0.53 -0.27 1.00 0.06 0.08 -0.05 0.29 -0.20 creatinine_phosphokinase - -0.08 -0.19 -0.01 0.08 0.00 -0.01 -0.04 0.06 1.00 -0.07 0.02 -0.02 0.06 high_blood_pressure - 0.09 0.04 -0.01 -0.10 -0.06 -0.20 0.02 0.08 -0.07 1.00 0.05 -0.00 0.04 platelets - -0.05 -0.04 0.09 -0.13 0.03 0.01 0.07 -0.05 0.02 0.05 1.00 -0.04 0.06 serum_creatinine - 0.16 0.05 -0.05 0.01 -0.03 -0.15 -0.01 0.29 -0.02 -0.00 -0.04 1.00 -0.19 serum_sodium - -0.05 0.04 -0.09 -0.03 0.00 0.09 0.18 -0.20 0.06 0.04 0.06 -0.19 1.00

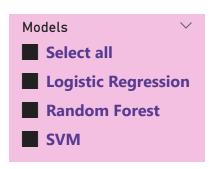
Feature Importance for Heart Disease Prediction







Heart Failure Prediction Dashboard



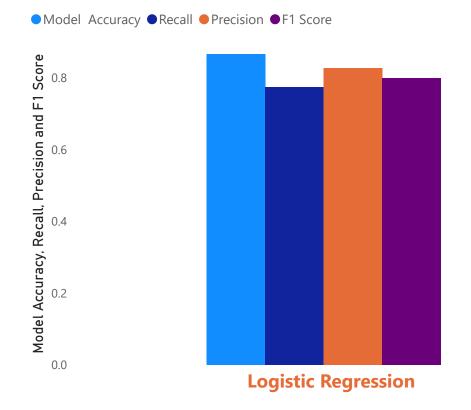
0.85
Accuracy

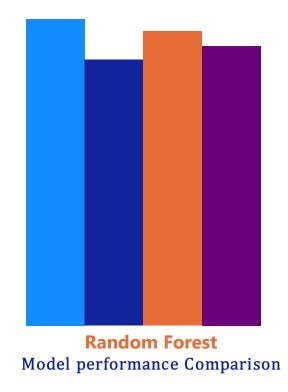
0.82
Precision

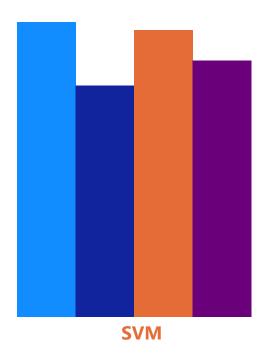
0.72
Recall

0.76F1 Score

Model Accuracy, Recall, Precision and F1 Score by Model







Logistic Regression Have a good accuracy

Model

Logistic Regression

Random Forest

SVM

0.87

Accuracy

0.80

F1 Score

0.83

Precision

0.77

Recall