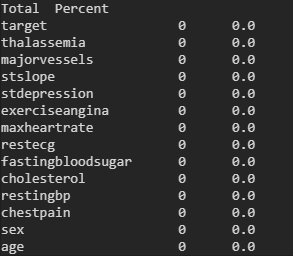
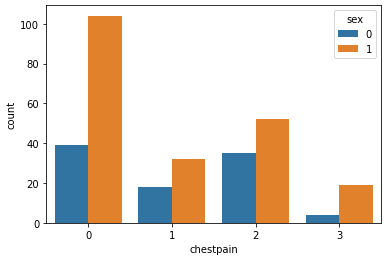


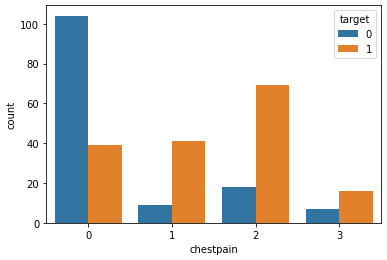
Data types



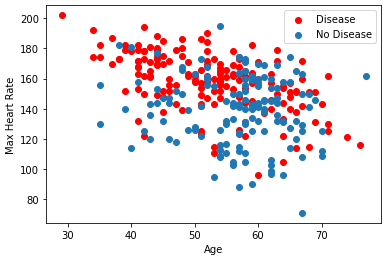
Missing values



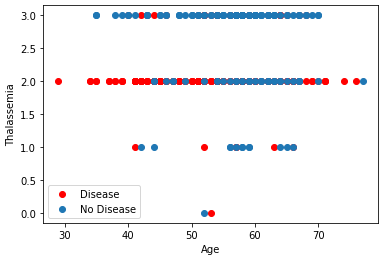
Chest pain types hue sex



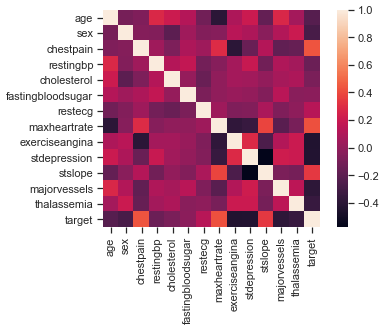
Chest pain types hue heart disease



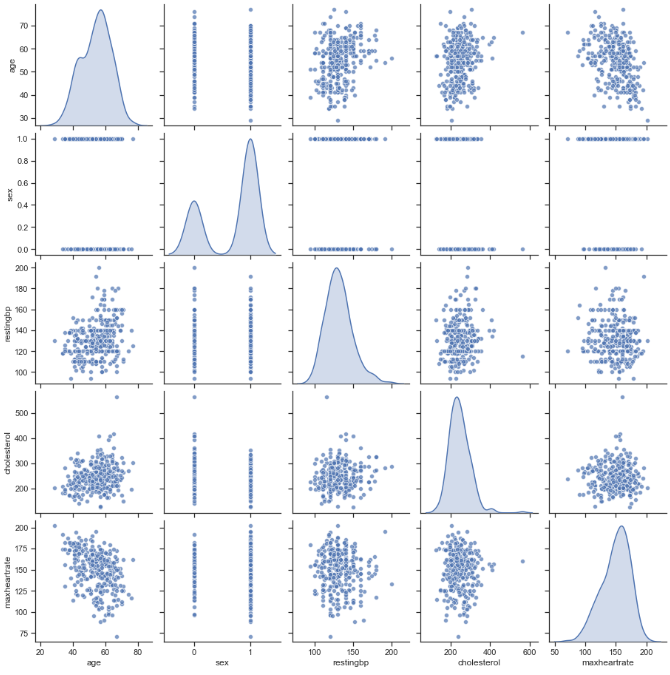
Heartrate vs age hue disease



Thalassemia vs age hue disease



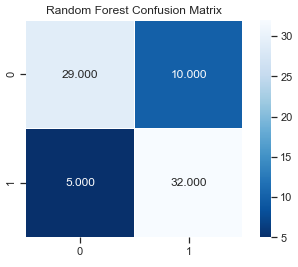
Corr map



Pairplot

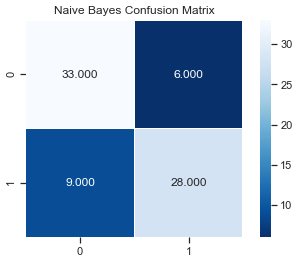


Random forest acc, abs



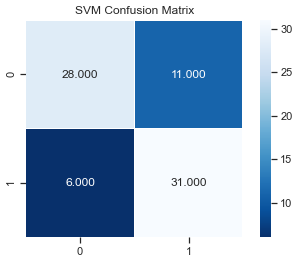
Rf conf matrix

Naive Bayes Accuracy: 0.8026315789473685



Nb conf matrix

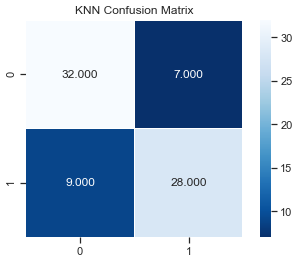
SVM Accuracy: 0.7763157894736842



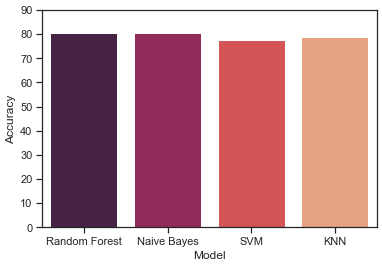
Svm conf matrix

2NN Accuracy: 0.7631578947368421

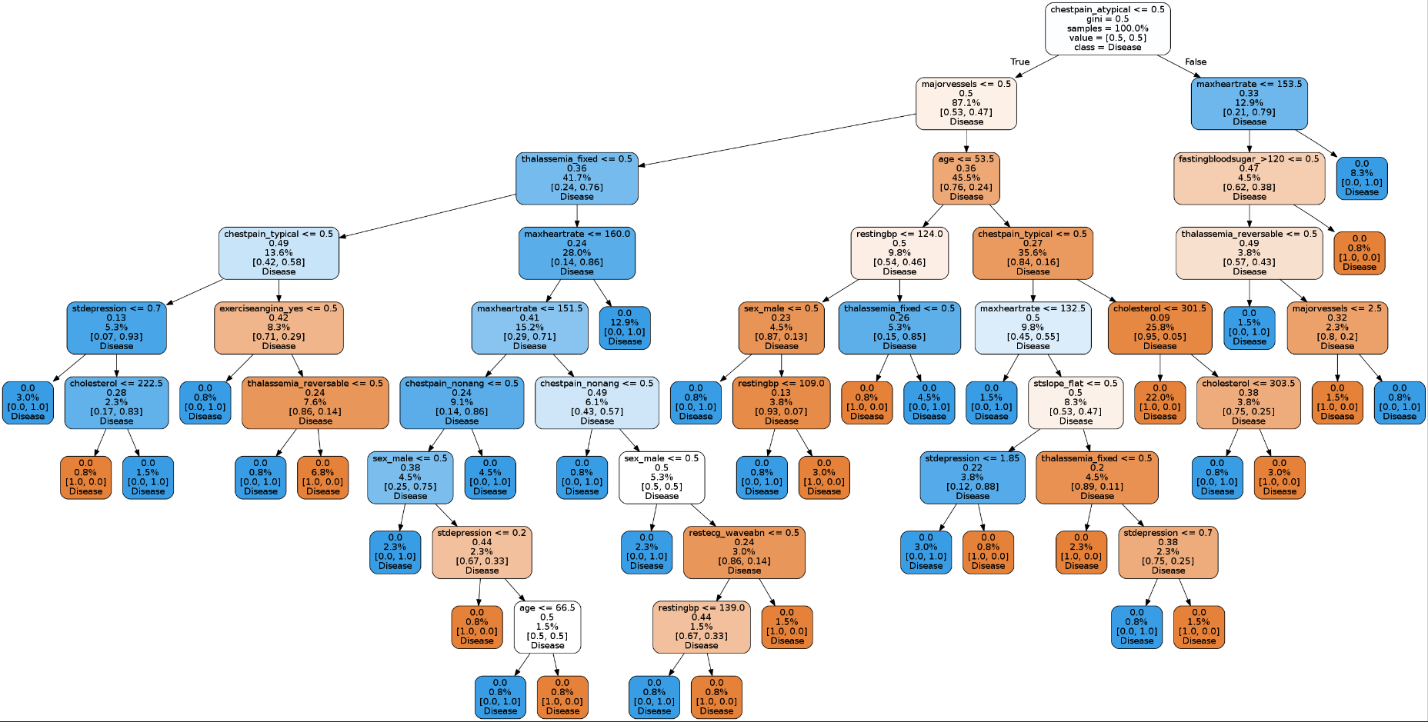
Max KNN (k=3,7) Accuracy: 0.7894736842105263



Knn conf matrix

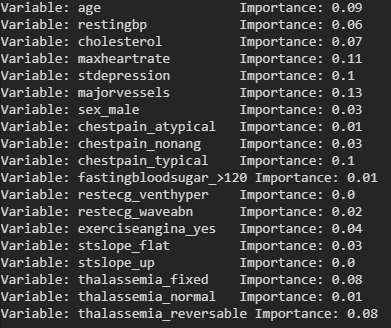


Accuracy of models

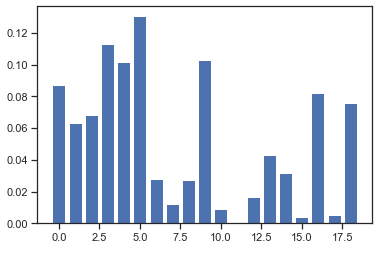


Tree

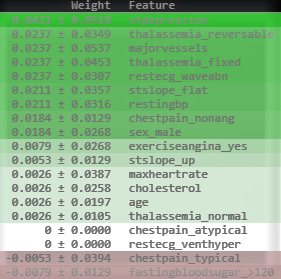
AUC = 0.8042273042273043



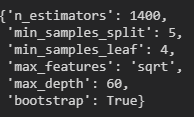
Feature imp1



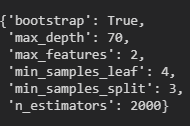
Feature imp1 graphed



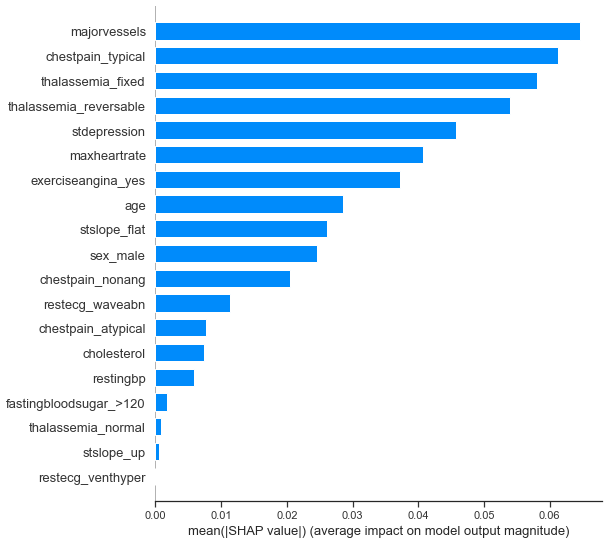
Feature imp using eli5



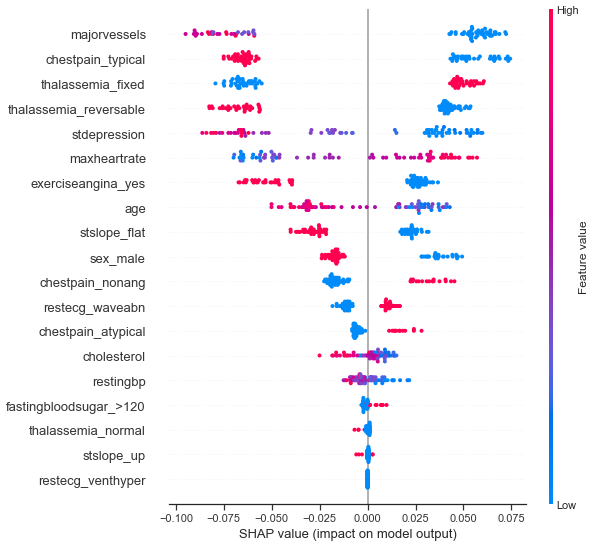
Randomsearch best param



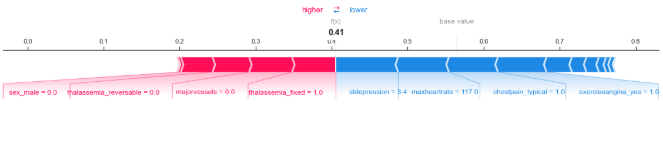
Gridsearch best param



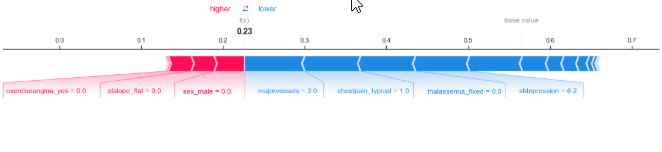
Shap feat imp



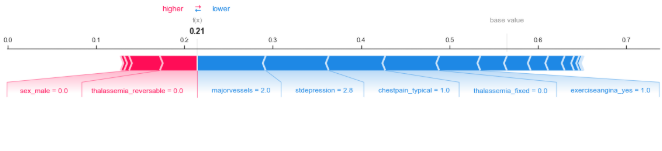
Shap feature impact



Shap pred 42



Shap pred 15



Shap pred 1

