HOW TO SURVIVE A HEART ATTACK

Manage Coronary Heart Disease and Prevent Heart Attacks

Our Team

RITTHUJA KANDASAMY

ANDREA VIVIANI

ABUBAKR MAMAJONOV

Hippocratia

The danger of “silent” heart attacks

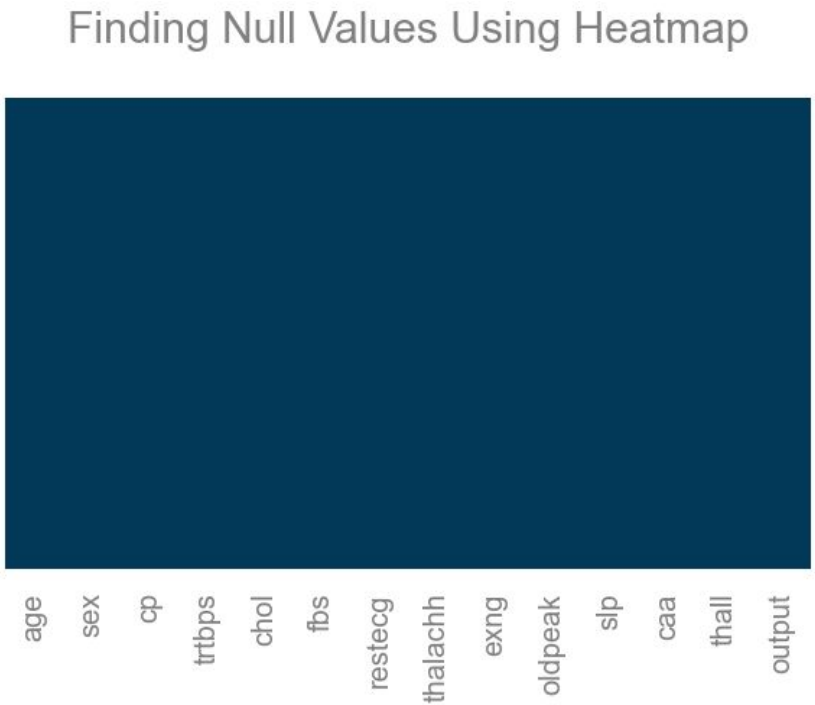
- Healthcare based startup
- Manage Coronary Heart Disease
- Prevent Heart Attacks through a specific drug

Hippocratia Challenge

Hippocratias will sell a Heart Medication and develop a suite to detect heart conditions and save lives.

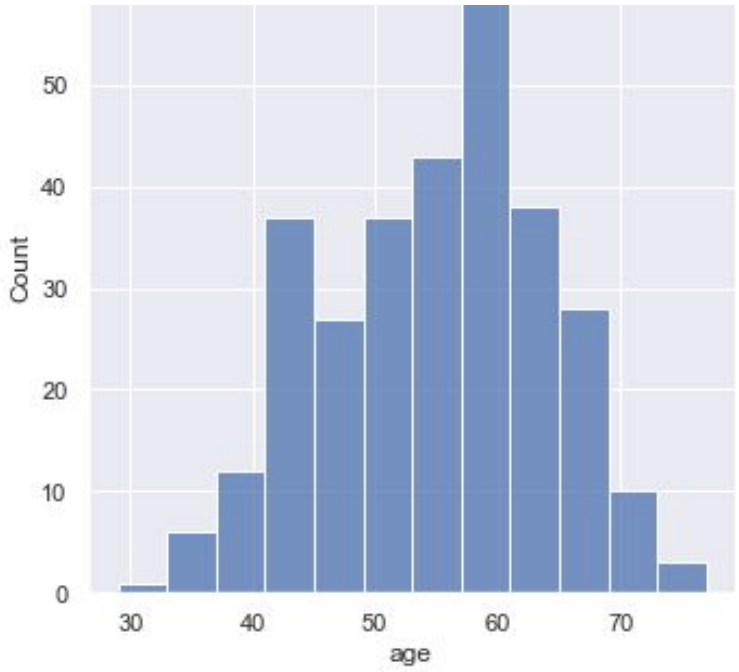
Exploratory data analysis (EDA)

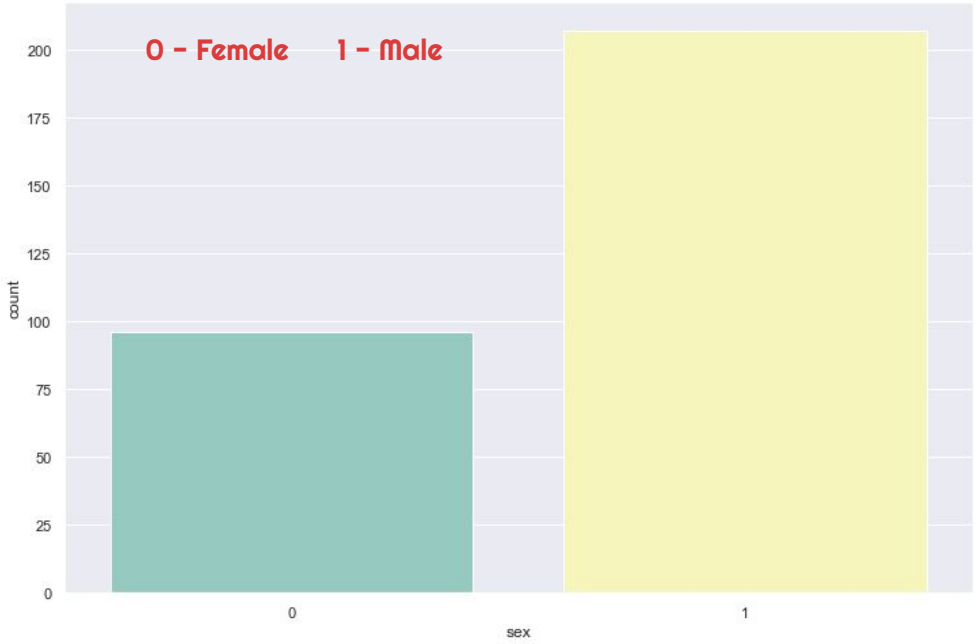
NULL VALUE



We checked if there were null value in the dataset

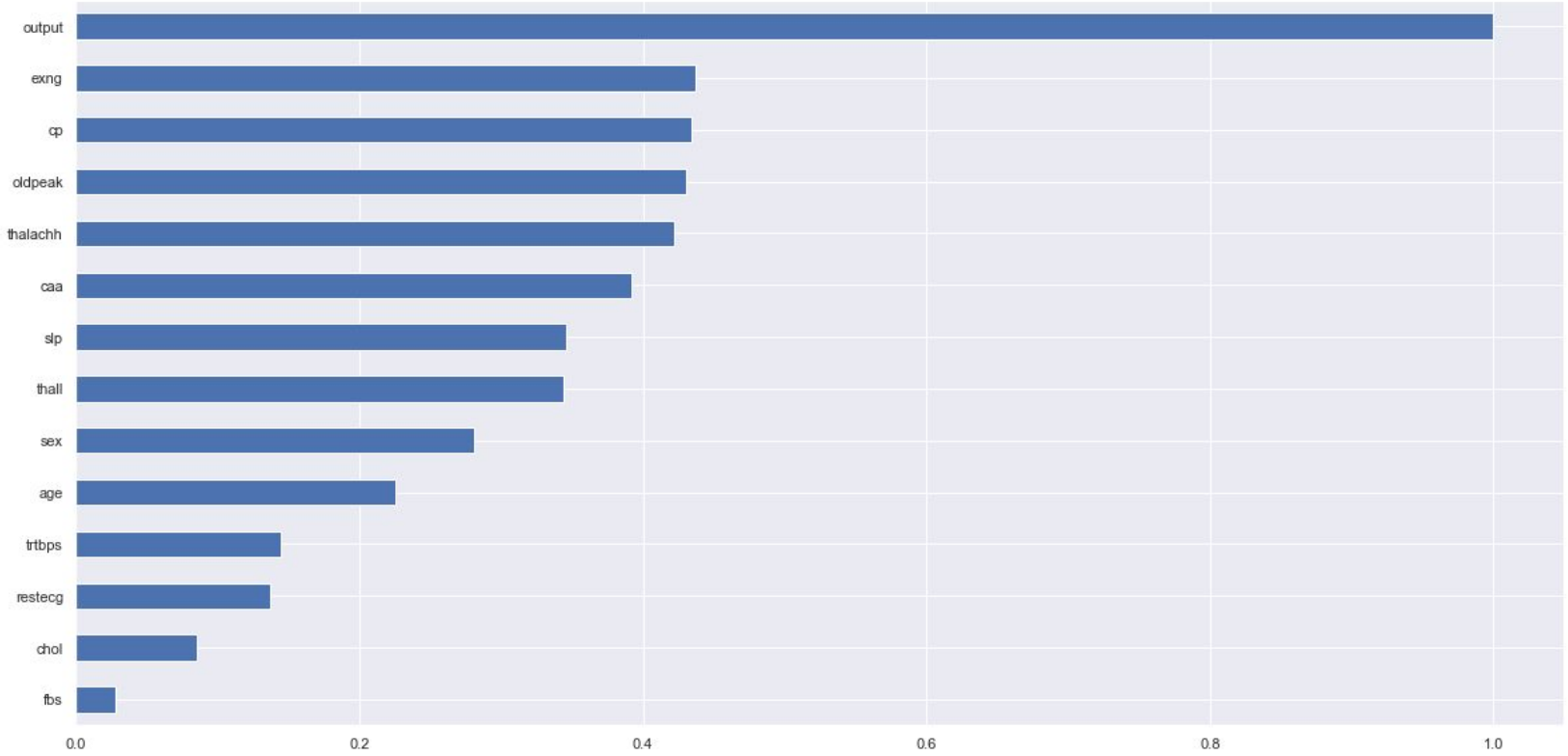
AGE AND GENDER





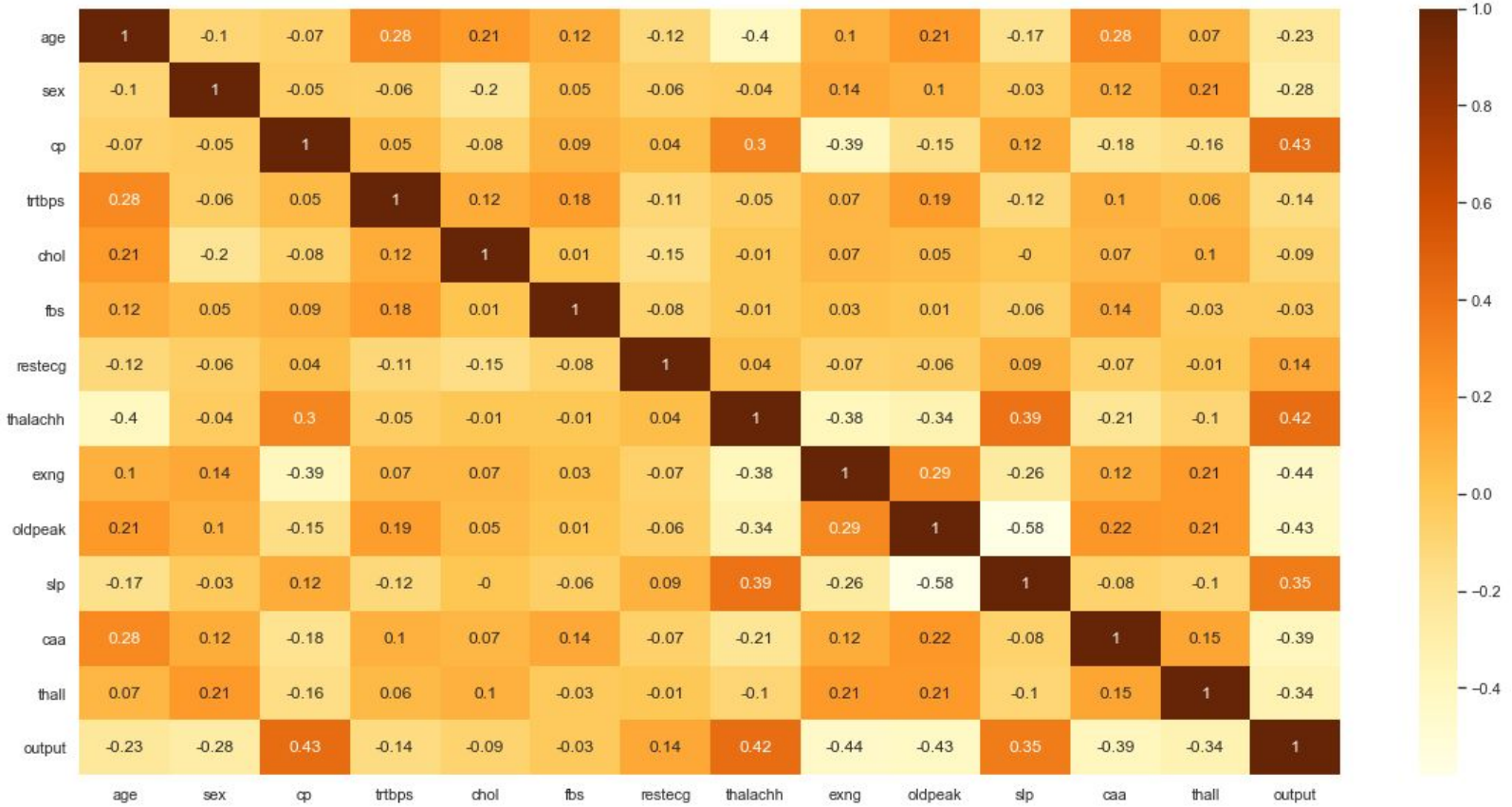
Here we have the gender proportion and the respective age, 60% are male.

CORRELATION



Correlation of the feature in the dataset

CORRELATION MATRIX



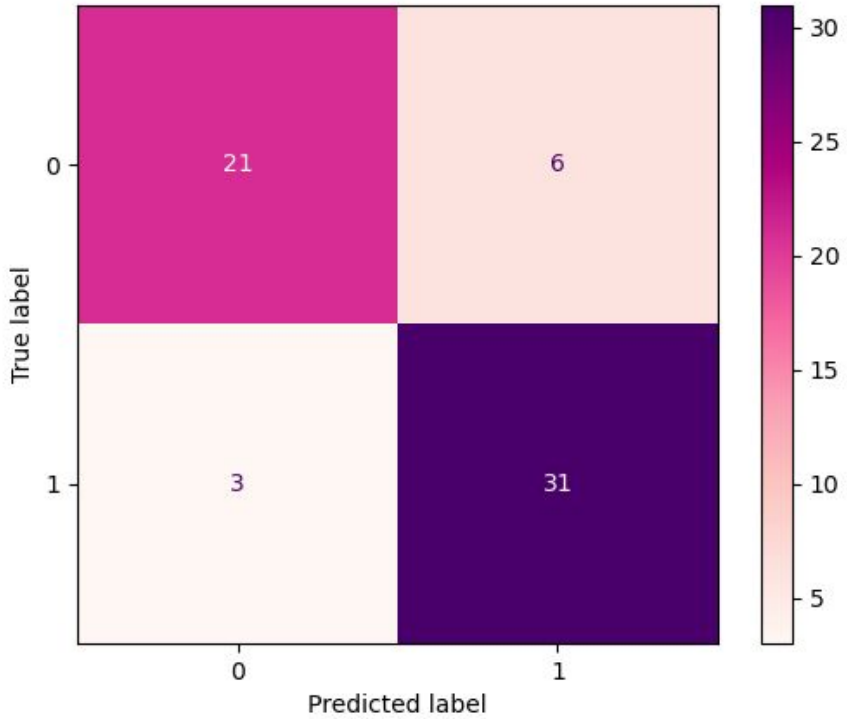
Accuracy before augmentation

Random Forest

Adaboost have the best accuracy before argumentation

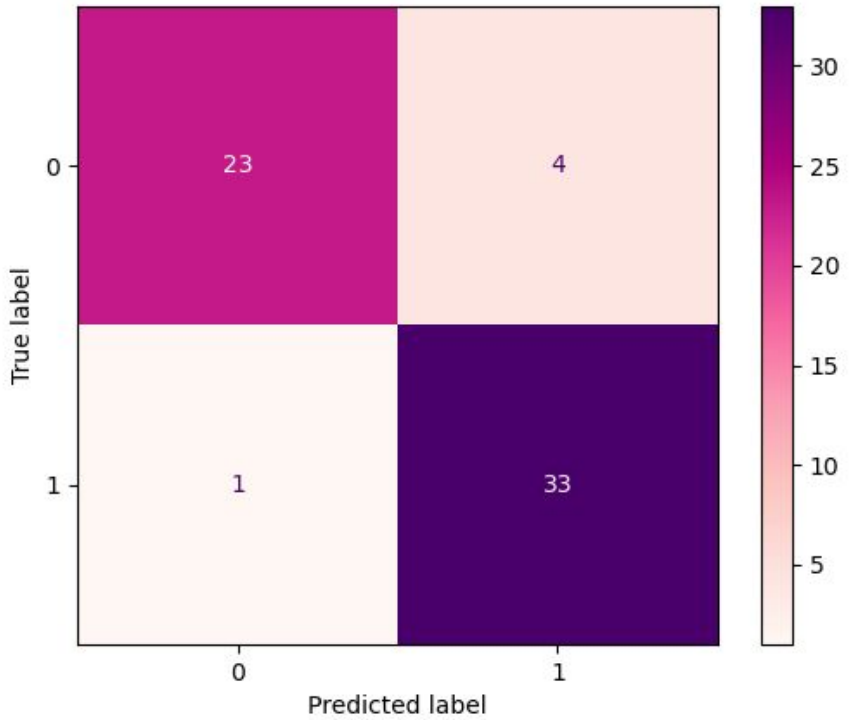
CatBoost

Predicted values before augmentation



Accuracy after augmentation

Predicted values after augmentation



Our demo