**HEALTH CARE**

Cardiovascular diseases are the leading cause of death globally.Therefore problem required to necessary to identify the causes and develop a system to predict heart attacks in an effective manner.

The problem reduce revolves the need to identify factors which can cause Heart attack.

First task in the assignment was to perform Exploratory Data Analysis, which was preceded by Data wrangling practices like included identification of null values, removal of Outliers , handling missing values.

Wherever possible visualization have been done throughout this assignment to show the potential relation between Heart Attack & different variables, such as Gender, Age , BP, Chest Pain , Thalassemia, Blood Sugar , ECG, etc.

In order to solve the problem, we required to find statistically significant features from the list of variables.

Finally the data set was fed to Logistic Regression & Random Forest model to predict the CVD, which yielded an accuracy of 100%.

Thank You!!

**Faiz Anwar**