

## **APPROACH:**

First, the primary processing is done on both the training and testing sets. Then to select features, feature importance technique is incorporated and the interaction features were studied based on the feature importance. These features were then fed to catboost algorithm, lightgbm algorithm and xgboost algorithm since the dataset was quite large. The output of these models were saved into a file and fed to ensemble algorithm which helped in boosting the accuracy (auc\_roc\_score) from 0.80 to 0.87.