## Titanic Prediction

Survival prediction model for Titanic using Random Forest classifier, Gradient Boosting, Logistic Regression algorithm ensembles, using scikit-learn. I used techniques like Data Transformation, Missing Values Treatment, Outlier value treatment, Exploratory data analysis, Machine learning algorithms like XGBoost, Random Forest Classifier, Logistic Regression, Hyperparameter tuning, Variance Inflation Factor and Information Value Analysis and evaluation of Machine learning algorithms like ROC score, Fscore, Precision recall curve etc.