CONTRIBUTION FILE FOR (Titanic - Machine Learning from Disaster)

TEAM MEMBERS:

Utkarsh Raj - Trained different ML models on the dataset like Random Forest Regressor, SVM (with GridSearch), NN,NN (with GridSearch, RandomizedSearchCV), XG Boost, Cat Boost. Got best score using NN of 0.79665 after submitting on Kaggle.

Richa Rajashekhar - Preprocessing done using different methods including one-hot encoding, worked on the model random forest classifier and tried to implement both grid search and random search and got a best score of 0.775.

Nidhish Doshi - Checked correlation and trained different models like Logistic Regression, RandomForestClassifier, SVM and made changes to optimizer in NN from adam to RMSprop and SGD to check accuracy.