1. Use the attached dataset which is a classification problem with Indianliver pateints whether liver patent or not as a output variable
2. Do descriptive analytics of all columns by first finding discrete and continous columns
3. Do imputation of relevant missing values
4. Do exploratory analysis by different visualizations
5. Perform different feature selection algorithms including pairwise correlation
6. Use optuna to fine tune decision tree, and random forest classification algorithms to find the best hyperparameter combination
7. Do different feature engineering steps of PCA and one hot encoding and then do classification and compare without feature engineering and with feature engineering
8. Use MLFlow to run different runs of the same algorithms Decision Tree , and Random Forest and capture the input hyperparameters and output metrics of the same