

Description

- 1) First I have implemented some pre-processing steps like Label Encoder to convert the strings into integers, Imputer to handle the missing values, etc. to pre-process the given data.
- 2) I tried different models like SVM, Artificial Neural Network and Random Forest for prediction and what we have seen that the Random Forest's performance was better than rest two models.
- 3) Then I tuned the n_estimators (number of Trees) hyperparameter of Random Forest.
- 4) After tuning the random forest with n_estimators of 270 works best for this data.