

Project Development Phase
Model Performance Test

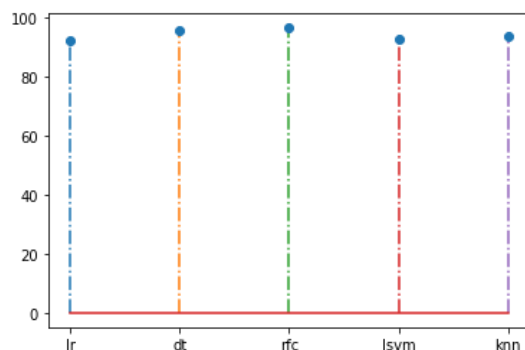
Date	10 November 2022
Team ID	PNT2022TMID18067
Project Name	Project – Web Phishing Detection
Maximum Marks	10 Marks

Model Performance Testing:

S.No.	Parameter	Values	Screenshot
1.	Metrics	Accuracy Score: Regression Model with 96.74 percentage accuracy.	Screen Shots Given below
2.	Tune the Model	Parameters chosen for tuning: *max_depth *random_state *n_estimators Best params and values: max_depth = 30 n_estimators = 30 random_state = 4 Validation Method: Grid Search Cross Validation	Screen Shots Given below

Screenshots:

Accuracy of various models shows rfc (random forest classifier) as the best model:



Best parameters estimated using GridSearchCV:

```
GridSearchCV(cv=5, estimator=RandomForestClassifier(),  
param_grid={'max_depth': [5, 10, 15, 20, 30], 'n_estimators': [10, 30, 50,  
70, 100, 150], 'random_state': [0, 1, 2, 3, 4]})
```