
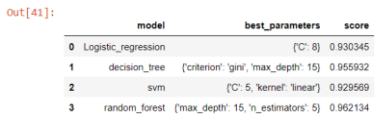


Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID08662
Project Name	Project – Web Phishing Detection
Maximum Marks	10 Marks

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Values	Screenshot
1.	Metrics	Classification Model: Confusion Matrix - , Accuray Score- & Classification Report -	<ul style="list-style-type: none"> ○ <code>acc_sc_rf</code> ○ <code>confusion_matrix(y_test, y_pred_rf)</code> ○ <code>classification_report(y_test, y_pred_rf)</code>  <pre> In [37]: acc_sc_rf Out[37]: 0.9933333333333333 In [38]: confusion_matrix(y_test, y_pred_rf) Out[38]: array([[170, 1], [0, 170]]) In [39]: classification_report(y_test, y_pred_rf) Out[39]: precision recall f1-score support 0: 1.00 0.99 0.99 171 1: 0.00 0.00 0.00 11 ----- total avg 0.99 0.99 0.99 182 </pre>
2.	Tune the Model	Hyperparameter Tuning - Validation Method -	 <pre> Out[41]: model best_parameters score 0 Logistic_regression {'C': 8} 0.930345 1 decision_tree {'criterion': 'gini', 'max_depth': 15} 0.955932 2 svm {'C': 5, 'kernel': 'linear'} 0.929569 3 random_forest {'max_depth': 15, 'n_estimators': 5} 0.962134 </pre>