
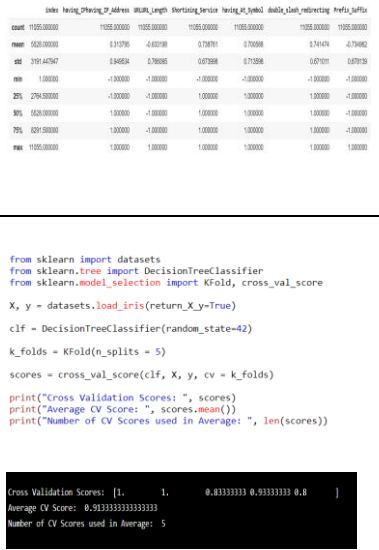


## Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID25501
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	<p><b>Regression Model:</b> <b>supervised learning classification</b></p> <p>MAE - , MSE - , RMSE - , R2 score -</p> <p><b>Classification Model:</b> <b>Logistic Regression</b></p> <p>Confusion Matrix - , Accuray Score- &amp; Classification Report -</p>	 <pre> from sklearn.linear_model import LogisticRegression lr=LogisticRegression() lr.fit(x_train,y_train) logisticRegression()  y_pred1=lr.predict(x_test) from sklearn.metrics import accuracy_score log_reg=accuracy_score(y_test,y_pred1) log_reg 0.9167797376752601 </pre>
2.	Tune the Model	<p>Hyperparameter Tuning -</p> <p>Validation Method -</p>	 <pre> from sklearn import datasets from sklearn.tree import DecisionTreeClassifier from sklearn.model_selection import KFold, cross_val_score X, y = datasets.load_iris(return_X_y=True) clf = DecisionTreeClassifier(random_state=42) k_folds = KFold(n_splits = 5) scores = cross_val_score(clf, X, y, cv = k_folds) print("Cross Validation Scores: ", scores) print("Average CV Score: ", scores.mean()) print("Number of CV Scores used in Average: ", len(scores))  Cross Validation Scores: [1. 1. 0.83333333 0.93333333 0.8 ] Average CV Score: 0.9133333333333333 Number of CV Scores used in Average: 5 </pre>