

# Model Performance Test

Date	17 November 2022
Team ID	PNT2022TMID36550
Project Name	Web Phishing Detection
Maximum Marks	10 Marks

Sl No	Parameters	Values
1	Model Accuracy	Accuracy : 0.91
2	Metrics	Regression Model : Logistic Regression MAE : 0.16 MSE : 0.33 RMSE : 0.57 R2 Score : 0.66

## Model Accuracy

```
lr = LogisticRegression() #initializing the model
lr_fit = lr.fit(x_train, y_train,) #fitting the model
lr_fit
```

[5] ✓ 0.7s

...

▼ LogisticRegression  
LogisticRegression()

## Predicting using model

```
ypred = lr.predict(x_test)
log_reg = accuracy_score(y_test, ypred)
log_reg
```

[6] ✓ 0.3s

...

0.9167797376752601

# Metrics

## Evaluation Metrics

```
MAE = mean_absolute_error(ypred, y_test)
MAE
```

[15] ✓ 0.2s

... 0.16644052464947987

```
MSE = mean_squared_error(ypred, y_test)
MSE
```

[16] ✓ 0.3s

... 0.33288104929895973

```
RMSE = np.sqrt(MSE)
print(RMSE)
```

[21] ✓ 0.3s

... 0.5769584467697476

▶ ▾

```
r2_score = r2_score(ypred, y_test)
r2_score
```

[37] ✓ 0.7s

... 0.6627729239543096