Project Development Phase
Model Performance Test

Date	19 November 2022
Team ID	PNT2022TMID09651
Project Name	Exploratory Analysis of Rainfall Prediction
Maximum Marks	10 Marks

Model Performance Testing:

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

S.No.	Parameter	Values	Screenshot
1.	Metrics	**Regression Model:** Random Forest classifier MAE –56.693305772295616, MSE -4707.377549592384, RMSE -62.032466303187896,	

Accuracy Score-

Linear regression: Testing Accuracy: 78.699999999999996
Training accuracy: 78.01
&
Random regression: Testing Accuracy:
85.12
Training accuracy: 99.99

Hence, we tested with Logistic regression and Random Forest Classification wherein the accuracy o f Random Forest classification is 99% compared with Logistic Regression.