

Project Development Phase
Model Performance Test

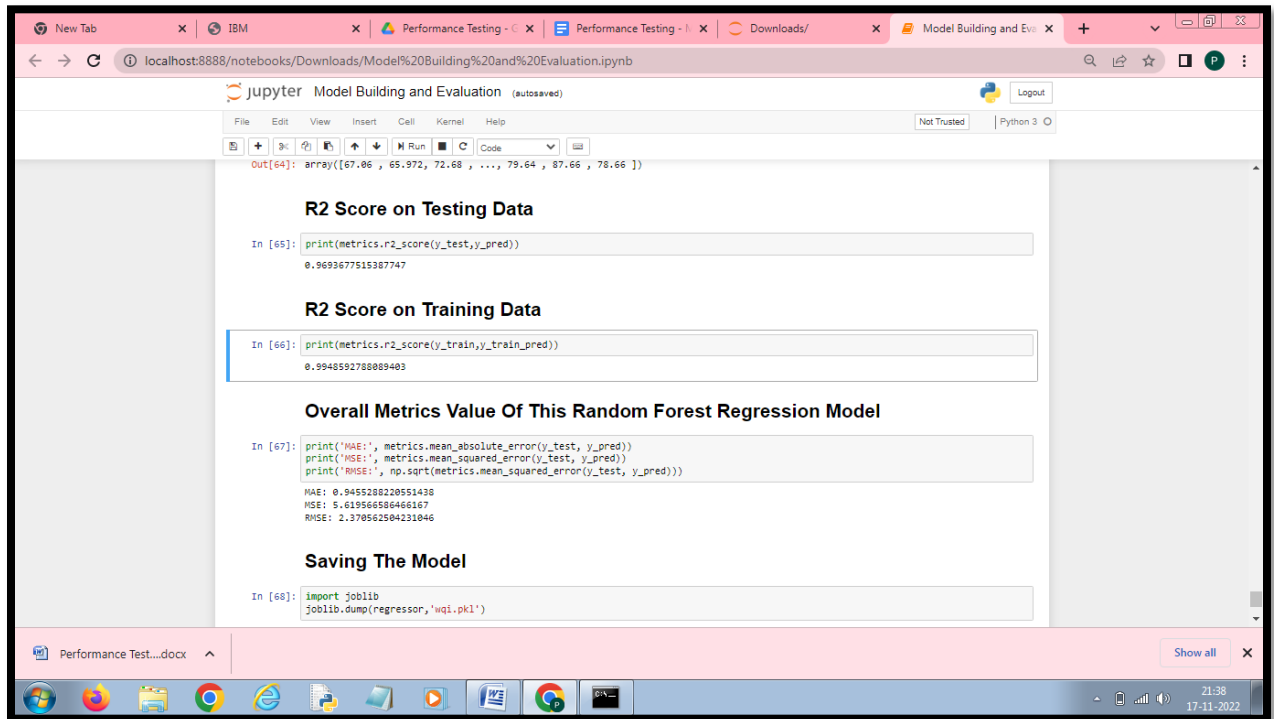
Date	17 November 2022
Team ID	PNT2022TMID39608
Project Name	EFFICIENT WATER QUALITY ANALYSIS AND PREDICTION USING MACHINE LEARNING.
Maximum Marks	10 Marks

Model Performance Testing:

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

S. No	Parameter	Values	Screenshot
1.	Metrics	Regression Model: MAE -0.9455288220551438 , MSE - 5.619566586466167, RMSE - 2.370562504231046, R2 score : Training: 0.9948592788089403 Testing: 0.9693677515387747	Screenshot 1
2.	Tune the Model	Hyper parameter Tuning - NIL Validation Method – Split Sample/ Data Validation.	Screenshot 2

Screenshot 1:



Screenshot 2:

