Project Development Phase
Model Performance Test

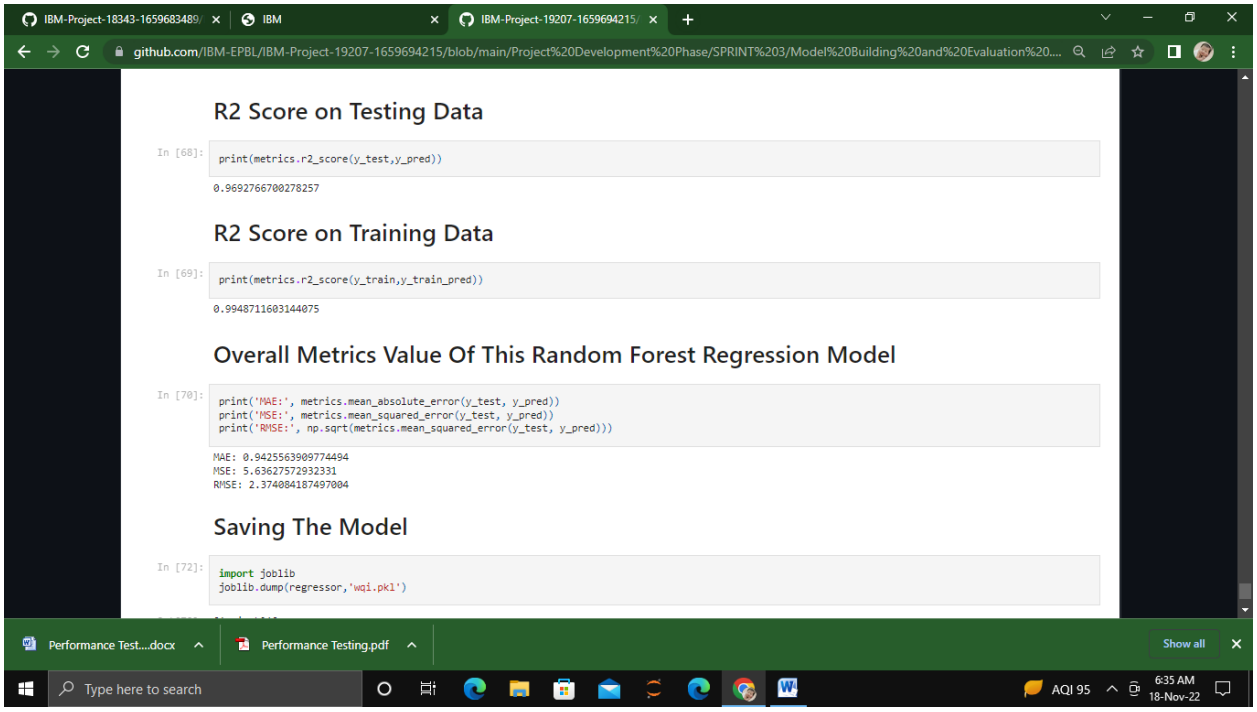
Date	17 November 2022
Team ID	PNT2022TMID45622
Project Name	EFFICIENT WATER QUALITY ANALYSIS AND PREDICTION USING MACHINE LEARNING.
Maximum Marks	10 Marks

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 -0.9425563909774494 MSE: 5.63627572932331 RMSE: 2.374084187497004 **R2 score** : Training: 0.9948711603144075 Testing:0.9692766700278257	Screenshot 1
2.	Tune the Model	Hyper parameter Tuning - NIL Validation Method – Split Sample/ Data Validation.	Screenshot 2

Screenshot 1:



Screenshot 2: