Project Development Phase
Model Performance Test

Date	20 November 2023
Team ID	Team-592290
Project Name	GreenClassify Using Deep Learning
Maximum Marks	10 Marks

Model Performance Testing:

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

S.No.	Parameter	Values	Screenshot
| 1. | Metrics | **Regression Model:**<br>MAE - , MSE - , RMSE - , R2 score -<br><br>**Classification Model:**<br>Confusion Matrix - , Accuray Score-<br>& Classification Report - | ```
array([[16, 12, 10, 17, 13,  9, 13, 11, 12, 17, 18, 13,  8, 19, 12],
       [11, 17, 11, 16, 15,  7, 14, 14, 18, 12, 18, 11, 13, 11, 12],
       [18, 16,  8,  9, 13, 10, 15, 18, 12, 14, 11, 12, 17, 13, 14],
       [12,  7, 18, 13, 16, 16, 13, 17, 11,  8, 14, 10, 16, 18, 11],
       [ 9, 14, 16, 18, 14, 12, 10,  9, 13, 16, 12, 10, 18, 10, 19],
       [14, 16,  6, 12, 15, 12, 13,  9, 15, 12, 15, 13, 16, 13, 19],
       [14, 12, 13, 14, 12, 19, 12, 14,  9, 22, 10, 15, 12, 12, 10],
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       [13, 12, 14, 10, 10, 13,  9, 11, 17,  9, 21, 13, 16, 11, 21],
       [14, 13, 12, 14, 19, 14, 10, 16,  7, 10, 12, 18, 12, 17, 12],
       [10, 11, 16, 13, 21, 15, 13, 12, 13,  8, 13, 16, 13, 16, 10],
       [13, 10, 14, 12,  9, 10, 15, 16, 15, 11, 13, 16, 15, 15, 16],
       [10, 17, 15, 11, 12, 13, 12, 17, 15, 20, 10, 16, 10, 12, 10],
       [10, 17, 16, 16, 15, 14, 11, 11, 15, 12, 11, 16, 15, 11, 10],
       [18, 12, 20, 13,  9, 17, 12, 13, 13, 14, 14, 10,  8, 13, 14]])
``` |
| 2. | Tune the Model | Hyperparameter Tuning -
Validation Method - | Accuracy - 98.97%
No Tuning Required |