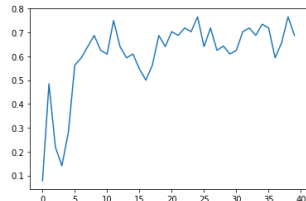


## Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID36023
Project Name	Project - 2665-1658480813
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	<p><b>Regression Model:</b> MAE - , MSE - , RMSE - , R2 score -</p> <p><b>Classification Model:</b> Confusion Matrix - , Accuray Score- &amp; Classification Report -</p>	<p>Confusion matrix</p> <pre>array([[361,  0,  0,  0,  0],        [ 74,  0,  0,  0,  0],        [200,  0,  0,  0,  0],        [ 39,  0,  0,  0,  0],        [ 60,  0,  0,  0,  0]])</pre> <p>R2 Score</p> <p><b>-0.756175066713825</b></p> <p>Accuracy Score</p> <p><b>0.49182561307901906</b></p> <p>Classification Report</p> <table><thead><tr><th></th><th>precision</th><th>recall</th><th>f1-score</th><th>support</th></tr></thead><tbody><tr><td>0</td><td>0.49</td><td>1.00</td><td>0.66</td><td>361</td></tr><tr><td>1</td><td>0.00</td><td>0.00</td><td>0.00</td><td>74</td></tr><tr><td>2</td><td>0.00</td><td>0.00</td><td>0.00</td><td>200</td></tr><tr><td>3</td><td>0.00</td><td>0.00</td><td>0.00</td><td>39</td></tr><tr><td>4</td><td>0.00</td><td>0.00</td><td>0.00</td><td>60</td></tr><tr><td>accuracy</td><td></td><td></td><td>0.49</td><td>734</td></tr><tr><td>macro avg</td><td>0.10</td><td>0.20</td><td>0.13</td><td>734</td></tr><tr><td>weighted avg</td><td>0.24</td><td>0.49</td><td>0.32</td><td>734</td></tr></tbody></table>		precision	recall	f1-score	support	0	0.49	1.00	0.66	361	1	0.00	0.00	0.00	74	2	0.00	0.00	0.00	200	3	0.00	0.00	0.00	39	4	0.00	0.00	0.00	60	accuracy			0.49	734	macro avg	0.10	0.20	0.13	734	weighted avg	0.24	0.49	0.32	734
	precision	recall	f1-score	support																																												
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2.	Tune the Model	Hyperparameter Tuning - Validation Method -	<p>Accuracy</p>  <p>Loss</p> 