Project Development Phase Model Performance Test

Date	14 November 2022	
Team ID	PNT2022TMID12635	
Project Name	Project - Machine Learning based Vehicle Performance Analyser	
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.	Model Summary	-	→ random forest regressor
			<pre>[99] from sklearn.ensemble import RandomForestRegressor</pre> <pre> <[100] rf= RandomForestRegressor(n_estimators=10,random_state=0,criterion='mae') rf.fit(x_train,y_train)</pre>
			/usr/local/lib/python3.7/dist-packages/ipykernel_launcher.py:2: DataConversionWarning: A column-vector y was passed v /usr/local/lib/python3.7/dist-packages/sklearn/ensemble/_forest.py:407: FutureWarning: Criterion 'mae' was deprecated FutureWarning, RandomForestRegressor(criterion='mae', n_estimators=10, random_state=0)
			<pre>/[101] y_pred2=rf.predict(x_test) y_pred2</pre>
			array((-1.2241325, 0.04145375, -1.27712211, -0.21321237, -0.73417911, 0.34633675, 1.4298365, 0.0434306, 0.0438096, 0.00695716, 1.36778934, 1.89133811, -0.52734368, 0.226380183, -0.959394175, 1.04460558, 0.5818113, 0.23406924, -0.86991486, 1.10794893, -0.97333237, 0.19140944, 0.03757558, -0.2992471, 0.86979546, -0.02318232, 1.1066562, 1.07563089, 1.09760715, -0.87767119, -0.396797881, 1.02780020, -0.887621318, -0.18735794, -0.03610954, -0.5984436, -0.92808732, 1.28375904, -1.47103032])

