Project Development Phase Model Performance Test

Date	14 November 2022	
Team ID	PNT2022TMID05997	
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
			[99] from sklearn.ensemble import RandomForestRegressor
			[100] rf= RandomForestRegressor(n_estimators=10,random_state=0,criterion='mae') rf.fit(x_train,y_train)
			/usr/local/lib/python3.7/dist-packages/ipykernel_launcher.py:2: DataConversionWarning: A column-vector y was passed w /usr/local/lib/python3.7/dist-packages/sklearn/ensemble/ forest.py:407: FutureWarning: Criterion 'mae' was deprecated
			FutureMarning. Criterion mae', n_estimators=10, random_state=0)
			<pre> / (101) y_pred2=rf.predict(x_test) y_pred2</pre>
			array([-1.22541325, 0.04145375, -1.27712211, -0.21321237, -0.73417911, 0.34635875, 1.42983656, 0.0543096, -1.08221389, 0.09057716, 1.36778933, 1.86133811, -0.52734366, 0.26380183, -0.09374175,
			1.04460558, 0.5818113 , 0.23406924, -0.86991486, 1.10794893, -0.97333257, 0.19140943, 0.0375558, -0.29982471, 0.86879546, -0.02218232, 1.1066562 , 1.07563089, 1.09760715, -0.87767119,
			-0.39677881, 1.0278002, -0.82596233, 0.97221318, -0.18735794, -0.03610954, -0.59844336, -0.92808732, 1.28375904, -1.47103032])

