

**Project Development Phase**  
**Model Performance Test**

Date	04 March 2025
Team ID	PNT2025TMID02769
Project Name	Power BI Inflation Analysis: Journeying Through Global Economic Terrain
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	<b>Regression Model:</b> - MAE: 2.15 - MSE: 4.62 - RMSE: 2.15 - R <sup>2</sup> Score: 0.89  <b>Classification Model:</b> - Confusion Matrix: Displayed - Accuracy Score: 91% - Classification Report: Detailed Report Included	
2.	Tune the Model	<b>Hyperparameter Tuning:</b> Optimized data model by adjusting visualization filters and enhancing calculation logic. <b>Validation Method:</b> Cross-validation using Power BI's "Forecast" feature to ensure accurate trend analysis.	