Project Development Phase
Model Performance Test

Date	10 February 2025
Team ID	PNT2025TMID00596
Project Name	**Power BI Inflation Analysis Journeying Through Global Economic Terrain**
Maximum Marks	

Model Performance Testing:

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

S.No.	Parameter	Screenshot / Values
1.	Data Rendered	🎬 The dataset is processed efficiently, with data loading times within **acceptable limits**. Visuals update dynamically when interacting with slicers.
2.	Data Preprocessing	Data was **cleaned and formatted** before visualization. Handling of missing or null values was tested.
3.	Utilization of Data Filters	Filters on **Country**, **Region**, and **Year** were tested. Response time for filtering is **fast** with minor delays when selecting multiple countries.
4.	DAX Queries Used	VAR TopCountries = TOPN(3, SUMMARIZE('global_inflation_data', 'global_inflation_data'[country_name], "Total Inflation", AVERAGE('global_inflation_data'[Inflation Rate])), [Total Inflation], DESC) RETURN TopCountries AdjustedInflationRate = global_inflation_data[Inflation Rate]*0.01 Inflation Rate Category = IF('global_inflation_data'[Inflation Rate]<2,"Low",IF('global_inflation_data'[Inflation Rate]<5,"Moderate","High"))

5.	Dashboard design	No of Visualizations / Graphs - 11
6	Report Design	No of Visualizations / Graphs - 17