

Project Development Phase
Model Performance Test

Date	04 March 2025
Team ID	PNT2025TMID04732
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	Imported data from World Bank, IMF, and Trading Economics with global inflation trends from 1980 to 2024 .
2.	Data Preprocessing	Cleaned data by handling null values, removing outliers, and normalizing inflation rates across different regions.
3.	Utilization of Data Filters	Applied filters for Year and Country to allow users to analyze data dynamically.
4.	DAX Queries Used	Utilized DAX for calculating YoY Inflation % , Moving Averages , and Inflation Rate Differences by Country .
5.	Dashboard design	Designed 6+ interactive visualizations , including: <ul style="list-style-type: none">- KPI Cards for Average & Maximum Inflation Rates (42.07, 65.37K)- Pie Chart for Inflation Rate Categories (High: 48.48%, Moderate: 27.74%, Low: 23.78%)- Bar Charts for Lowest Inflation Countries & Inflation Rate Differences- Line Graph for Sum of Inflation Rate by Year- Geographical Map for inflation data distribution
6	Report Design	Developed one main dashboard with key insights, inflation forecasts, and regional analysis .