

Project Development Phase Model Performance Test

Date	12 March 2025
Team ID	PNT2025TMID00088
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	Number of Rows- 7952 Number Of Columns- 7
2.	Data Preprocessing	Data cleaning, Added regions data, Converted text columns into decimal and whole number columns.
3.	Utilization of Data Filters	1. Country-wise filtering 2. Inflation rate filtering
4.	DAX Queries Used	<p>EVALUATE ROW("MaxInflationRate", CALCULATE(MAX('global_inflation_data'[InflationRate]))), AdjustedInflationRate = 'global_inflation_data'[Inflationrate] * 0.1</p> <p>InflationRateCategory = IF('global_inflation_data'[Inflationrate] < 2, "Low", IF('global_inflation_data'[Inflationrate] < 5, "Moderate", "High"))</p> <p>InflationRateDifference = 'global_inflation_data'[Inflationrate] - 'global_inflation_data'[AdjustedInflationRate]</p> <p>InflationRateChange = VAR CurrentYear = MAX('global_inflation_data'[Year]) VAR CurrentInflationRate = CALCULATE(</p>

		MAX('global_inflation_data'[Inflationrate]), 'global_inflation_data'[Year] = CurrentYear) RETURN CurrentInflationRate
5.	Dashboard design	No of Visualizations - 1. Cards 2. Pie Charts 3. Slicer 4. Stacked Column Chart 5. Stacked Area Chart 6. Text Box
6	Report Design	No of Visualizations - 1. Cards 2. Pie Chart 3. Stacked Bar Chart 4. Line Chart 5. Text Box