

Project Development Phase Model Performance Test

Date	12 March 2025
Team ID	PNT2025TMID06643
Project Name	Power BI Inflation Analysis: Journeying Through Global Economic Terrain
Maximum Marks	

Model Performance Testing:

Project team shall fill the following information in the 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, Created new measures, Converted text columns into whole number columns.
3.	Utilization of Data Filters	Country Slicer
4.	DAX Queries Used	<pre> AdjustedInflationRate = global_inflation_data[Inflationrate]*.1 InflationrateCategory = IF('global_inflation_data'[Inflationrate] <2, "Low", IF('global_inflation_data'[Inflationrate] <5, "Moderate", "High")) InflationRateDifference = 'global_inflation_data'[Inflationrate] - 'global_inflation_data'[AdjustedInflationRate] InflationRateChange = VAR CurrentYear = MAX('global_inflation_data'[Year]) VAR CurrentInflationRate = CALCULATE(MAX('global_inflation_data'[InflationRate]), ALL('global_inflation_data'), 'global_inflation_data'[Year] = CurrentYear) </pre>

		<pre> VAR PreviousInflationRate = Calculate(MAX('global_inflation_data'[InflationRate]), ALL('global_inflation_data'), 'global_inflation_data'[Year] = CurrentYear - 1) RETURN IF(ISBLANK(PreviousInflationRate), BLANK(), (CurrentInflationRate - PreviousInflationRate) / PreviousInflationRate) </pre>
5.	Dashboard design	No of Visualizations - 1. Cards 2. Slicer 3. Pie Chart 4. Area Chart 5. Stacked Column Chart 6. Scatter Chart 7. Text Box
6	Report Design	No of Visualizations - 1. Filled Map 2. Text Box 3. Donut Chart 4. Clustered Column Chart