**Project Development Phase**

**Model Performance Test**

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| 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.

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| **S.No.** | **Parameter** | **Screenshot / Values** |
|  | Data Rendered | Number Of Rows- 7952  Number Of Columns- 7 |
|  | 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 | 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)  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) |
| 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 |