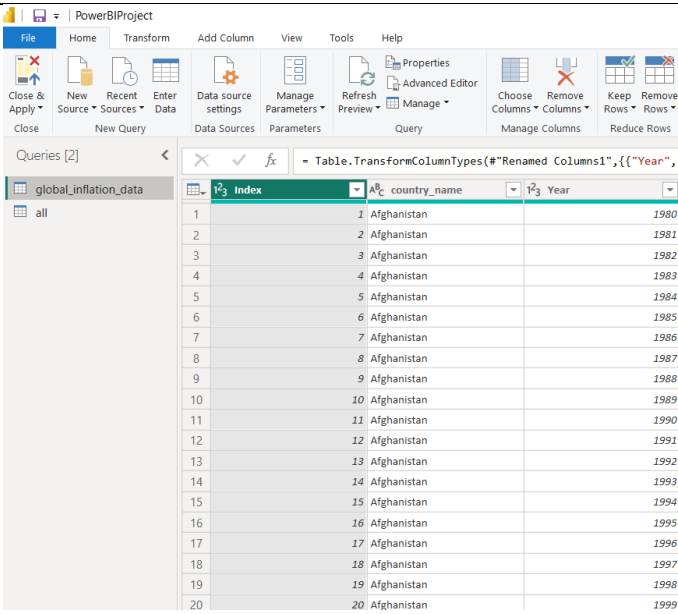


## Project Development Phase Model Performance Test

Date	27 March 2025
Team ID	PNT2025TMID07133
Project Name	Power BI Inflation Analysis: Journeying Through Global Economic Terrain
Maximum Marks	

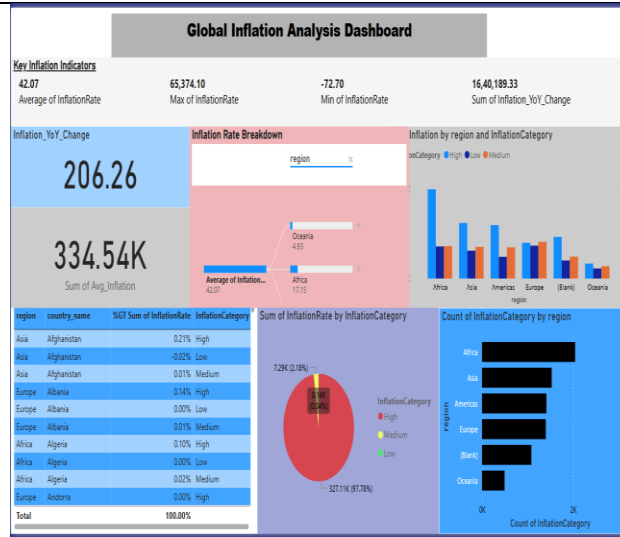
### Model Performance Testing:

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

S.No.	Parameter	Screenshot / Values
1.	Data Rendered	10 columns, 8,201 rows
2.	Data Preprocessing	 <p>The screenshot displays the Power BI Desktop interface with the 'Transform' ribbon active. The 'Queries' pane on the left shows 'global_inflation_data' selected. The main view shows a table with 10 columns: Index, country_name, and Year. The data consists of 20 rows, all for Afghanistan, spanning from 1980 to 1999.</p>
3.	Utilization of Data Filters	Data cleaning i.e, removal of unwanted columns and calculations were done.
4.	DAX Queries Used	AdjustedInflationRate = 'global_inflation_data'[InflationRate] * 0.1

		<p>InflationDiff = 'global_inflation_data'[InflationRate] - 'global_inflation_data'[AdjustedInflationRate]</p> <p>InflationCategory =  IF('global_inflation_data'[InflationRate] &lt; 2, "Low",  IF('global_inflation_data'[InflationRate] &lt; 5, "Medium",  "High")  )</p> <p>High_Inflation_Countries =  COUNTROWS(FILTER('global_inflation_data',  'global_inflation_data'[InflationCategory] = "High"))</p> <p>Medium_Inflation_Countries =  COUNTROWS(FILTER('global_inflation_data',  'global_inflation_data'[InflationCategory] = "Medium"))</p> <p>Low_Inflation_Countries =  COUNTROWS(FILTER('global_inflation_data',  'global_inflation_data'[InflationCategory] = "Low"))</p> <p>Inflation_YoY_Change =  VAR PrevYearInflation =</p> <p>CALCULATE(AVG('global_inflation_data'[InflationRate]),  FILTER('global_inflation_data',  'global_inflation_data'[Year] =  MAX('global_inflation_data'[Year]) - 1))  RETURN  IF(NOT(ISBLANK(PrevYearInflation)),  (AVG('global_inflation_data'[InflationRate]) -  PrevYearInflation) / PrevYearInflation * 100,  BLANK())</p>

## 5. Dashboard design



## 6 Report Design

