

Business Question and Visualization Report

Date	13 December 2025
Team ID	PNT2022TMIDxxxxxx
Project Name	Power BI Inflation Analysis: Journeying Through Global Economic Terrain
Maximum Marks	5 Marks

Business Questions and Visualisation

1. What is the average inflation rate across all countries for a selected year?

- *Visualization:* Card (KPI) displaying the average inflation rate with a Year slicer.
- *Screenshot of visualisation*



2. Which countries have the highest inflation rates?

- *Visualization:* Clustered Bar Chart comparing average inflation rate by country (Top N countries)
- *Screenshot of visualisation*



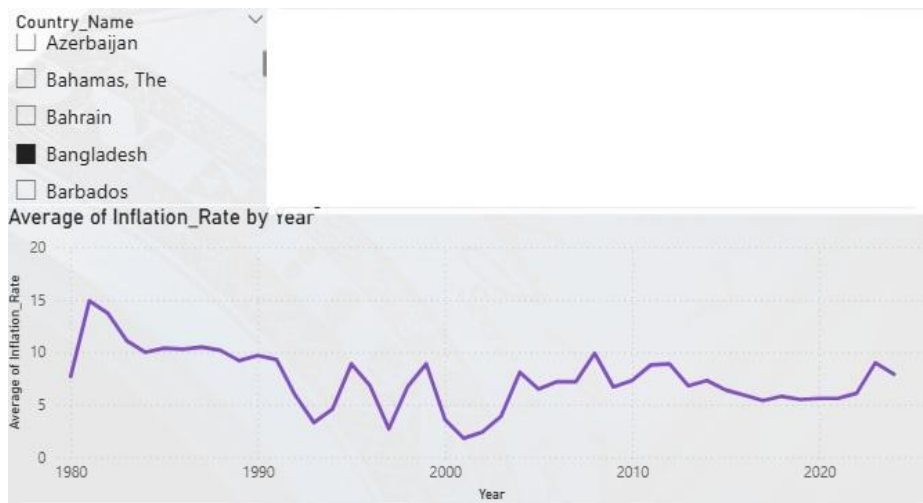
3. How has the global average inflation rate changed over time?

- *Visualization:* Line Chart showing average inflation rate by year
- *Screenshot of visualisation*



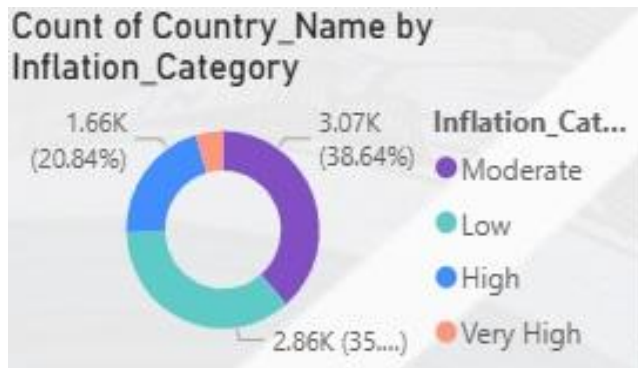
4. How has inflation changed over time for a selected country?

- *Visualization:* Line Chart with year on the X-axis and inflation rate on the Y-axis, controlled by a Country slicer.
- *Screenshot of visualisation*



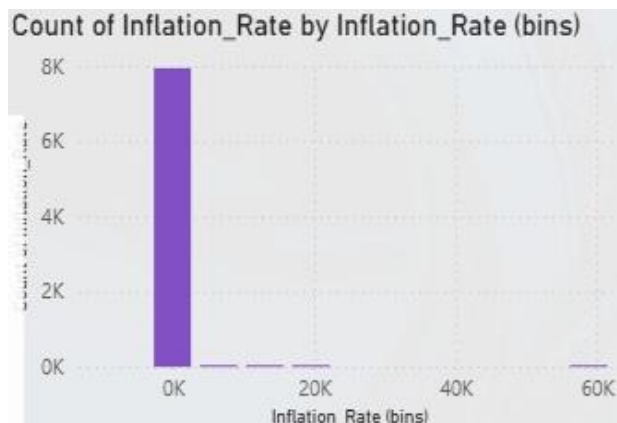
5. How many countries fall into Low, Moderate , High & Very High inflation categories?

- *Visualization:* Donut Chart showing the distribution of inflation categories
- *Screenshot of visualisation*



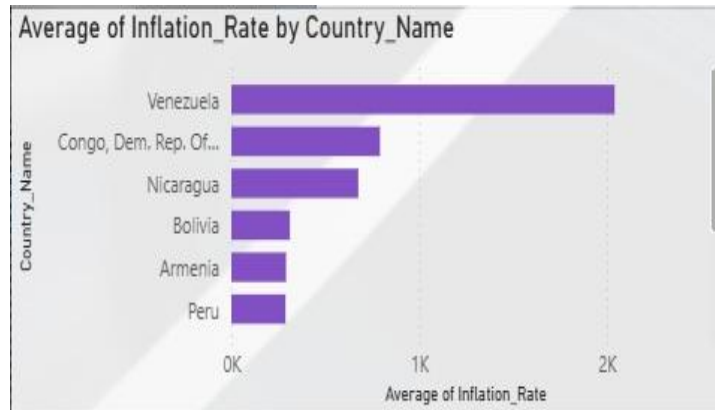
6. What is the overall distribution of inflation rates in the dataset?

- *Visualization:* Clustered Column Chart (Histogram-style) using Inflation Rate bins on the X-axis and count of records on the Y-axis.
- *Screenshot of visualisation*



7. What is the average inflation rate for each country across all years?

- *Visualization:* Bar Chart comparing average inflation rate by country
- *Screenshot of visualisation*



8. What are the minimum and maximum inflation rates recorded for each country?

- *Visualization:* Table displaying minimum and maximum inflation values per country
- *Screenshot of visualisation*

Country_Name	Minimum Inflation	Maximum Inflation
Afghanistan	-43.40	71.50
Albania	-0.20	226.00
Algeria	0.30	31.70
Andorra	-1.20	6.20
Angola	1.40	4,146.00
Antigua And Barbuda	-0.60	19.00