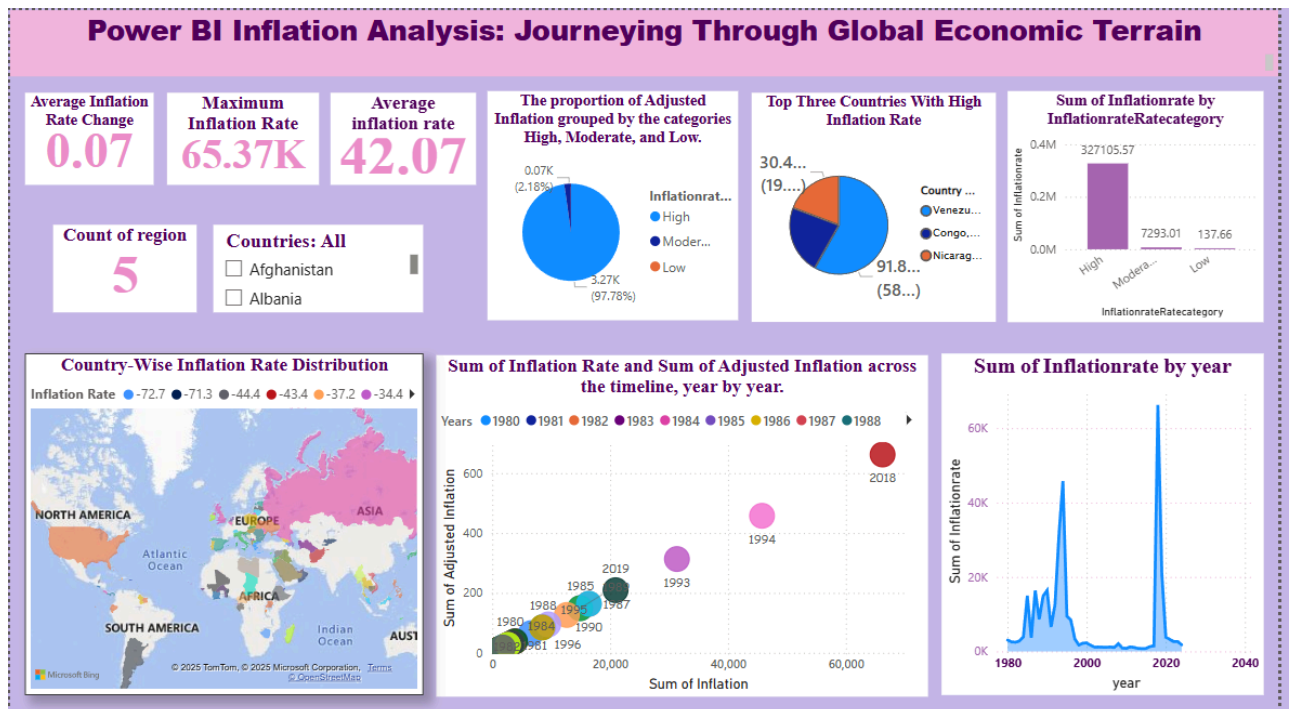


Report

Date	25 June 2025
Team ID	Power BI
Project Name	Power BI Inflation Analysis: Journeying Through Global Economic Terrain
Maximum Marks	5 Marks

A report is a comprehensive document that provides a detailed and structured account of data analysis, findings, and insights. It is typically used for in-depth analysis, documentation, and communication of results. Reports are suitable for a diverse audience, including decision-makers, analysts, and stakeholders who need a comprehensive understanding of the data.

Designing a report in Power BI involves connecting to data sources, creating visualizations like charts and graphs, customizing their appearance and interactivity, organizing them logically on the canvas, formatting elements for consistency and clarity, and optionally creating dashboards for a summarized view. Throughout the process, it's essential to consider the audience's needs and ensure the report effectively communicates insights from the data. Finally, iterate based on feedback to continually improve the report's design and usefulness.



Observations Drawn from the Global Inflation Report in Power BI

1. Trends Over Time:

- **Inflation Rate Over Years:** The Inflation rate has notable peaks in 1994 and 2018, suggesting key economic events during those periods.
- **Adjusted Inflation Trends:** The scatter chart reveals that both inflation and adjusted inflation rates followed similar patterns, underscoring the effectiveness of the adjustment formula.

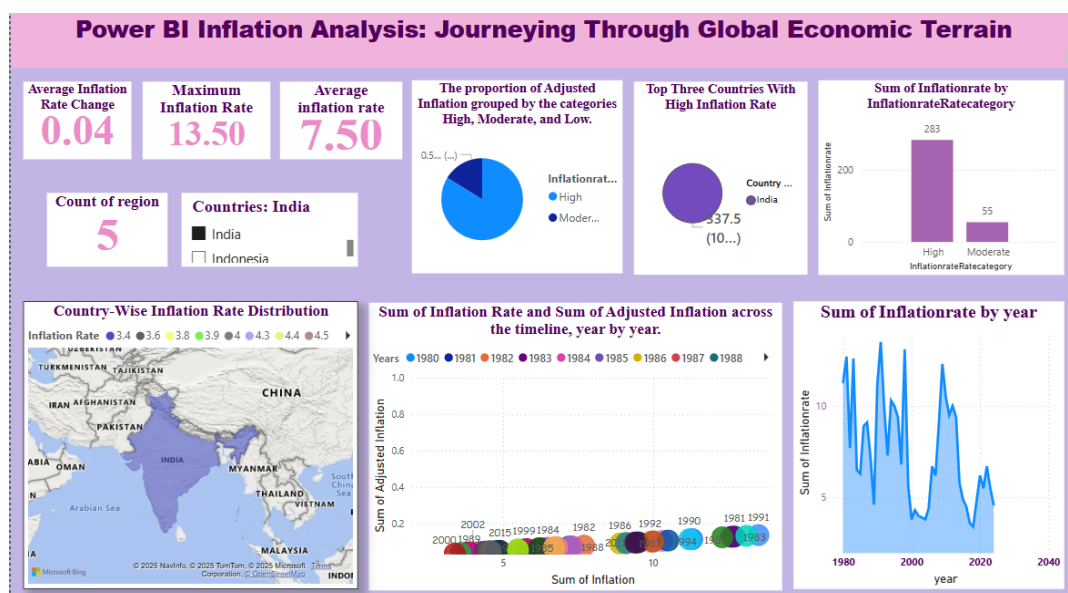
2. Performance Comparisons:

- **Inflation Rate by Category:** A clustered column chart shows that the **High category** dominates global inflation, contributing the highest total inflation values.
- **Top 3 Inflation Rate Countries:** A pie chart identifies **Venezuela, Congo, and Nicaragua** as the most inflation-stricken nations.
- **Regional Breakdown:** A column chart and slicer reveal that **Asia** consistently reflect stronger inflation intensities than other regions.

3. Country Specific Insights (Segmentation):

The slicer function allows users to conduct **country-level comparisons** and explore **regional economic behavior** in greater detail. By applying the slicer to select India, the dashboard dynamically updates all visuals to present:

- **India's** inflation position relative to other countries.
- Year-wise changes in India's inflation metrics.
- Its classification within the High, Moderate and Low inflation categories.



4. Goal Achievement:

Key KPIs are displayed at the top of the report using card visuals:

- Average Global Inflation Rate: **42.07**
- Maximum Inflation Rate Recorded: **65.37K**
- Number of Regions Covered: **5**
- Average Inflation Rate Change: **0.07**

Insight Highlights

- **Venezuela** leads with the highest inflation rate at **91.88K**, making it a critical outlier.
- The **High Inflation** category accounts for over 97% of adjusted inflation, indicating widespread global inflationary pressure.
- Only a small portion of countries fall under the Moderate or Low categories, highlighting global instability during key timeframes.
- **Asia** exhibits the densest concentration of **high-inflation countries**.
- **Interactive filtering** using country slicers empowers users to draw personalized insights for any nation in the dataset.