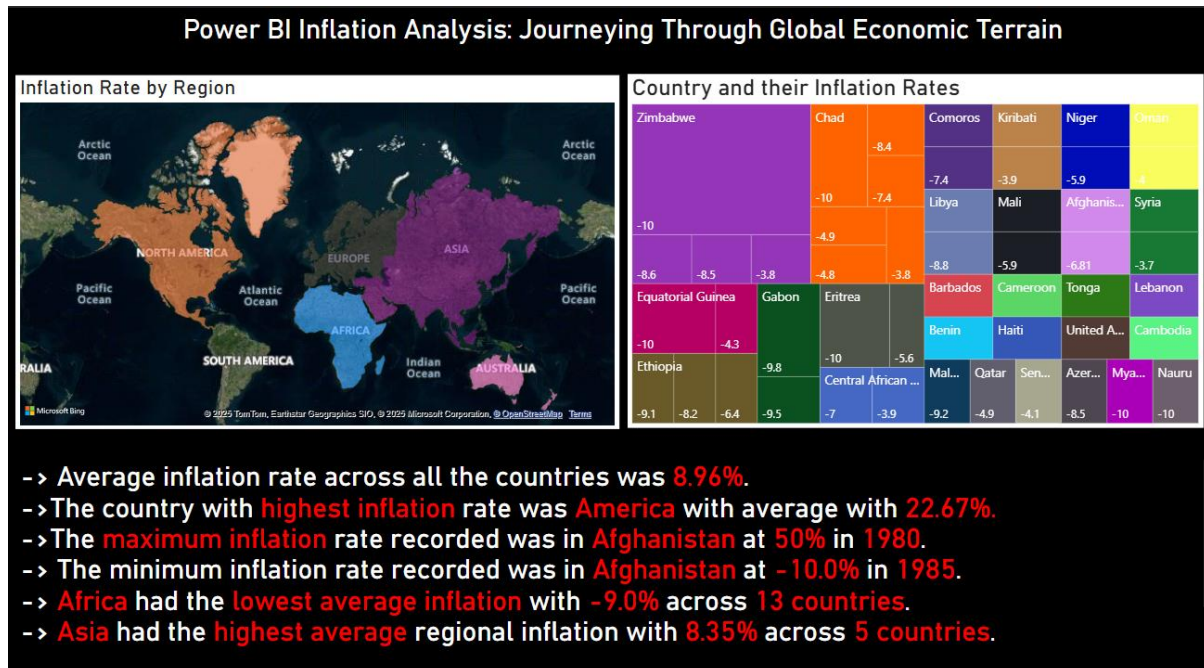


# Report

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



## Key Visuals Used

- Map Visual – Inflation Rate by Region**  
Displays inflation distribution by region using color-coded heat mapping.
- Tree Map – Country and Their Inflation Rates**  
Highlights individual country inflation values with color gradients and area size to show distribution and extremes.
- Text Box Summary**  
lists major analytical outcomes in simple bullet points with emphasis using red color for highlights.

## Key Observations Drawn from the Report

- Average Global Inflation Rate**  
The **overall average inflation** across all countries is **8.96%**, providing a global benchmark.
- Country with Highest Inflation**  
**America** had the **highest average inflation rate** at **22.67%**, signalling major economic concerns.
- Extreme Inflation Cases (Country & Year)**  
The **maximum recorded inflation** was in **Afghanistan (50%)** in **1980**.

4. The **minimum was also in Afghanistan**, reaching **-10.0% in 1985**, indicating deflation or correction.
5. **Regional Inflation Insights**  
**Africa** recorded the **lowest average inflation** at **-9.0%**, aggregated across **13 countries**.  
**Asia** had the **highest average regional inflation** at **8.35%**, though over fewer countries (5), showing localized high inflation.
6. **Data Range & Depth**  
The visualizations cover country-level and regional-level insights with detailed values visible in tree maps, enhancing user interpretation and comparative analysis.
7. **Visual Design Effectiveness**  
Use of **map + tree map + text summary** supports both **interactive exploration** and **quick takeaway** points.  
Colour usage (e.g., red highlights for important stats) helps focus attention on critical findings.

## Summary Insights

- The report clearly communicates **inflation extremes**, **regional trends**, and **country-specific outliers**.
- Visuals like **map charts** and **tree maps** make it intuitive for users to identify **which areas need economic attention**.
- Ideal for **policy planners**, **economic analysts**, and **students** aiming to understand global economic instability patterns.