

Business Question and Visualization Report

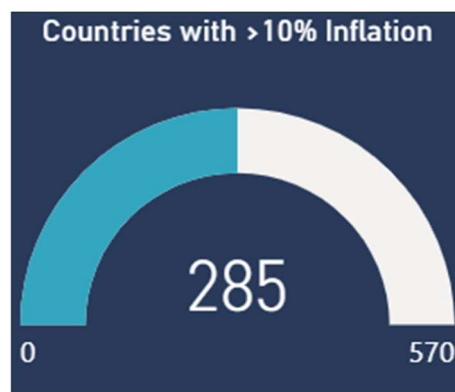
Date	29 July 2025
Project Name	Global Inflation Analysis
Maximum Marks	5 Marks

Visualization development refers to the process of creating graphical representations of data to facilitate understanding, analysis, and decision-making. The goal is to transform complex datasets into visual formats that are easy to interpret, enabling users to gain insights and make informed decisions. Visualization development involves selecting appropriate visual elements, designing layouts, and using interactive features to enhance the user experience. This process is commonly associated with data visualization tools and platforms, and it plays a crucial role in business intelligence, analytics, and reporting.

Business Questions and Visualisation

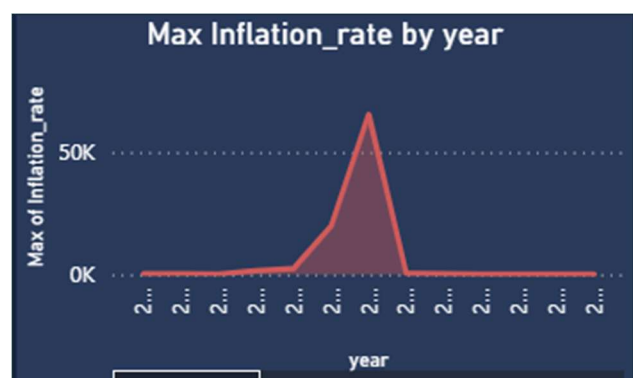
1. How many countries have inflation above 10%?

- **Visualization:** Gauge Chart showing the count of countries with >10% inflation.
- **Screenshot**



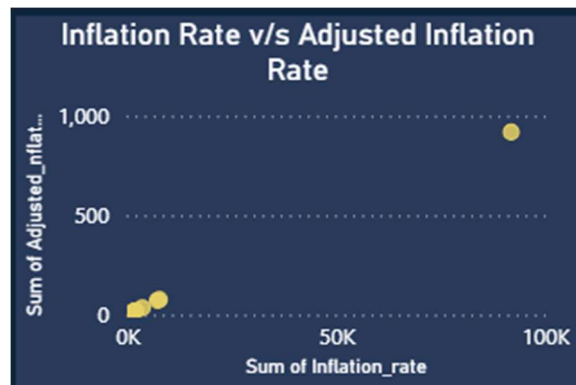
2. In which year was the maximum inflation rate recorded globally?

- **Visualization:** Line Chart showing maximum inflation rate per year.
- **Screenshot**



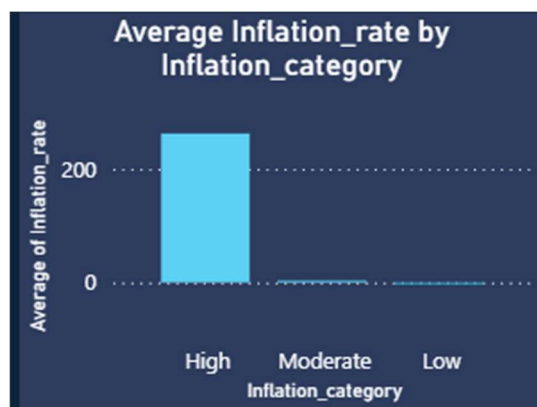
3. How does actual inflation rate compare with adjusted inflation rate?

- Visualization: Scatter Plot comparing actual vs adjusted inflation rate.
- Screenshot



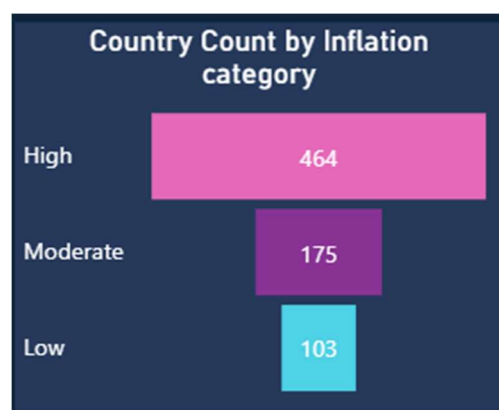
4. What is the average inflation rate by inflation category (High, Moderate, Low)?

- Visualization: Clustered Column Chart showing average inflation per category.
- Screenshot



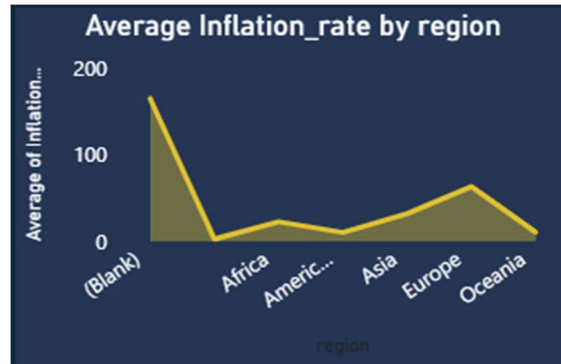
5. How many countries fall into each inflation category?

- **Visualization:** Funnel Chart displaying count of countries by inflation category.
- Screenshot



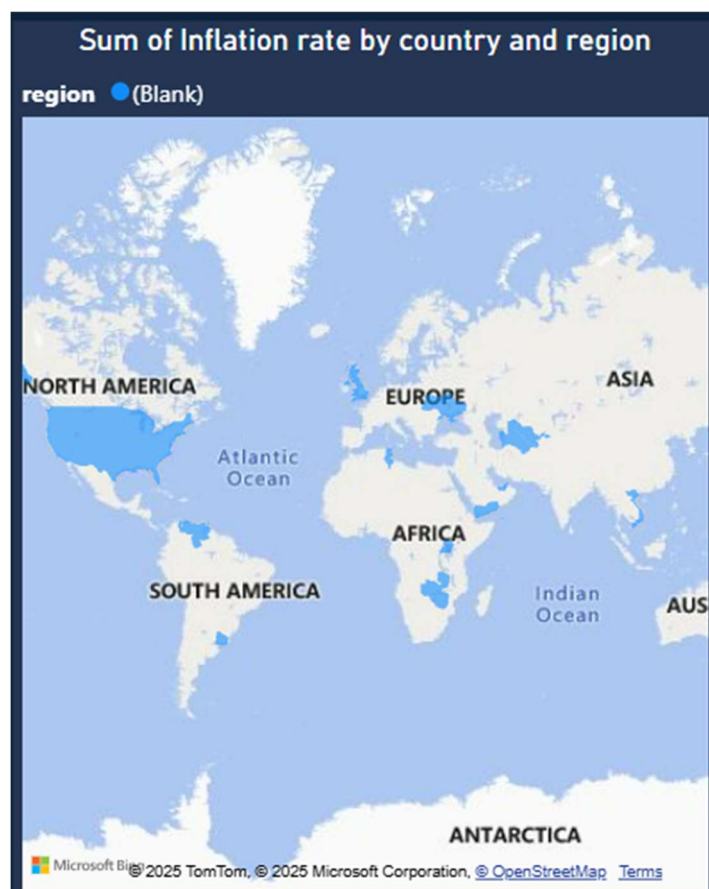
6. What is the average inflation rate by region?

- **Visualization:** Line Chart showing average inflation rate across different regions.
- **Screenshot**



7. What is the geographic distribution of inflation across countries and regions?

- **Visualization:** Filled Map (Choropleth Map) showing inflation rate by country and region.
- **Screenshot**



8. What is the total (sum) of adjusted inflation rate by region?

- **Visualization:** Donut Chart showing region-wise share of total adjusted inflation.
- **Screenshot**

