

Business Question and Visualization Report

Date	25 July 2025
Team ID	
Project Name	Power BI inflation analysis: journeying through global economic
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

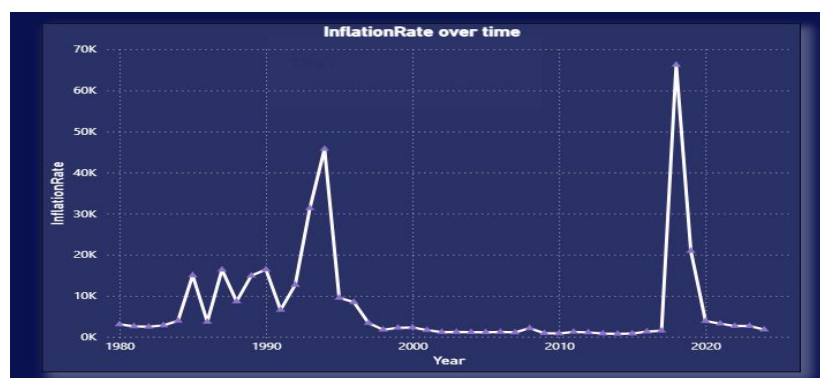
The process involves defining specific business questions to guide the creation of meaningful and actionable visualizations in Power BI. Well-framed questions help in identifying key metrics, selecting relevant data, and building visualisation that provide insights.

Sample

1. What is the global inflation trend over time?

Visualization: Line chart showing annual inflation rates.

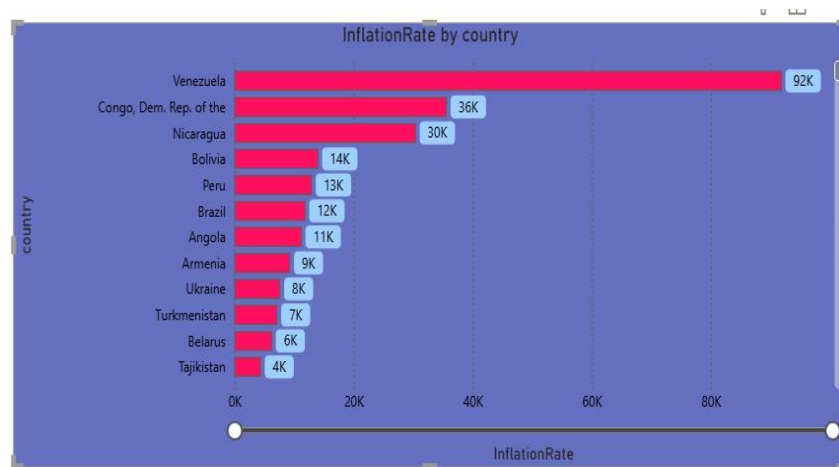
Purpose: Identify long-term trends and economic cycles.



2. Which countries have the highest / lowest inflation rates?

Visualization: Horizontal bar chart

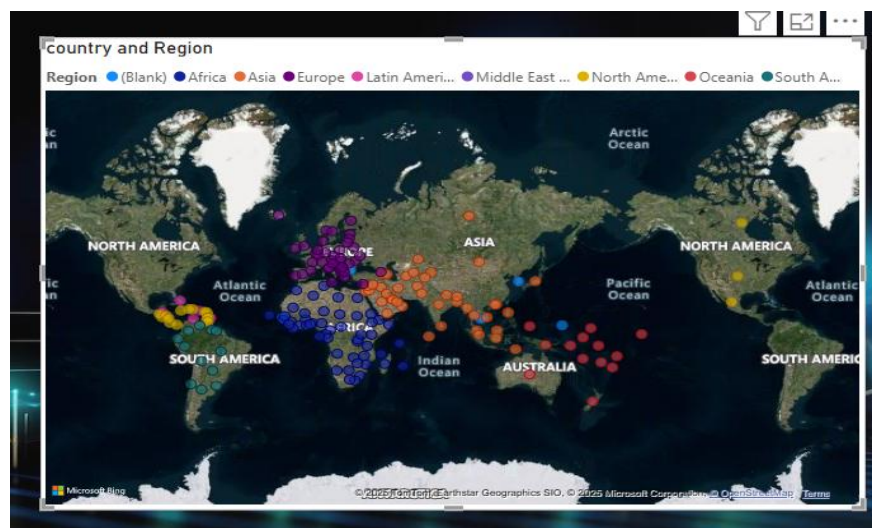
Purpose: Highlight extreme economic performers.



3. How does inflation vary by regions?

Visualization: Filled map with colour gradients by average regional inflation

Purpose: Compare geographic economic stability.



4. Which countries experienced hyperinflation?

Visualization: Red-highlighted table or heatmap

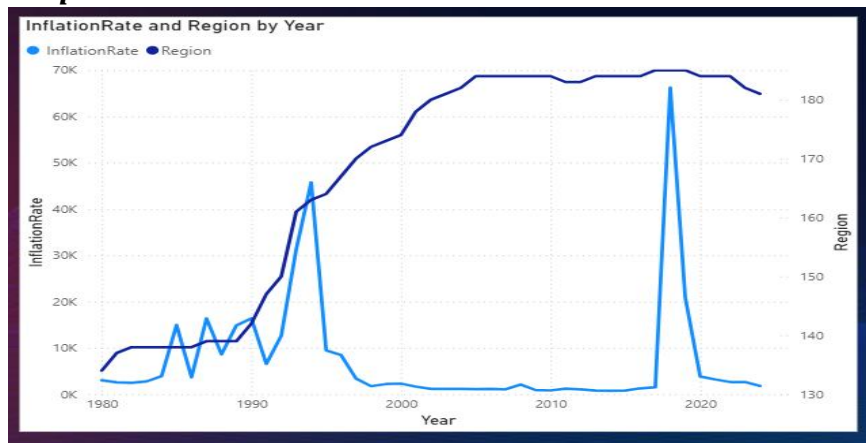
Purpose: Identify crisis economies.

Inflation	country
671.14	Afghanistan
510.90	Albania
382.10	Algeria
47.60	Andorra
11,241.90	Angola
145.50	Antigua and Barbuda
618.20	Argentina
9,318.30	Armenia
110.00	Aruba
182.30	Australia
121.20	Austria
3,383.80	Azerbaijan
145.10	Bahamas
74.50	Bahrain
334.40	Bangladesh
142.20	Barbados
6,268.70	Belarus
129.50	Belgium
111.90	Belize
158.50	Benin
314.50	Bhutan
14,035.70	Bolivia
3,34,536.24	

5. How do developed vs developing nations compare in inflation stability?

Visualization: Dual-axis line chart (grouped by income classification)

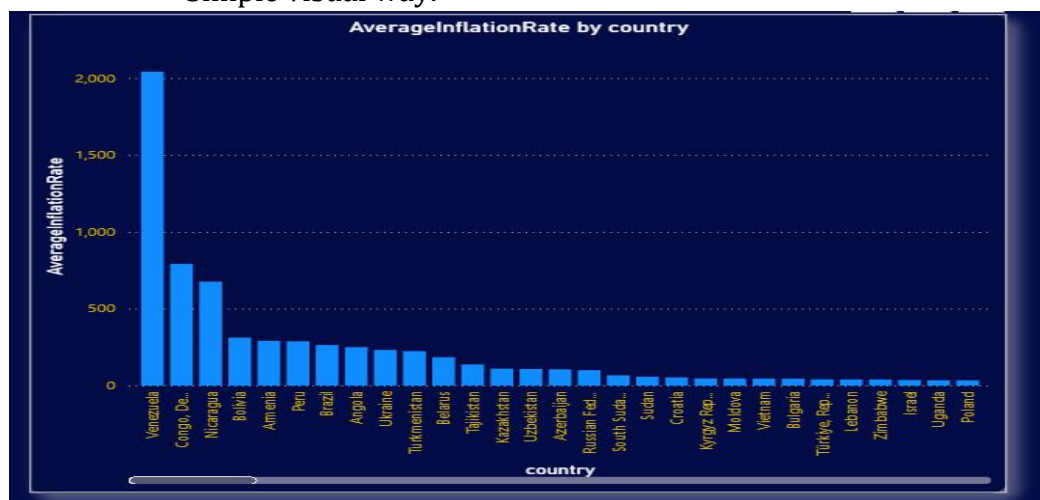
Purpose: Contrast economic resilience.



6. What is the average inflation rate by continent?

Visualization: Clustered Column Chart

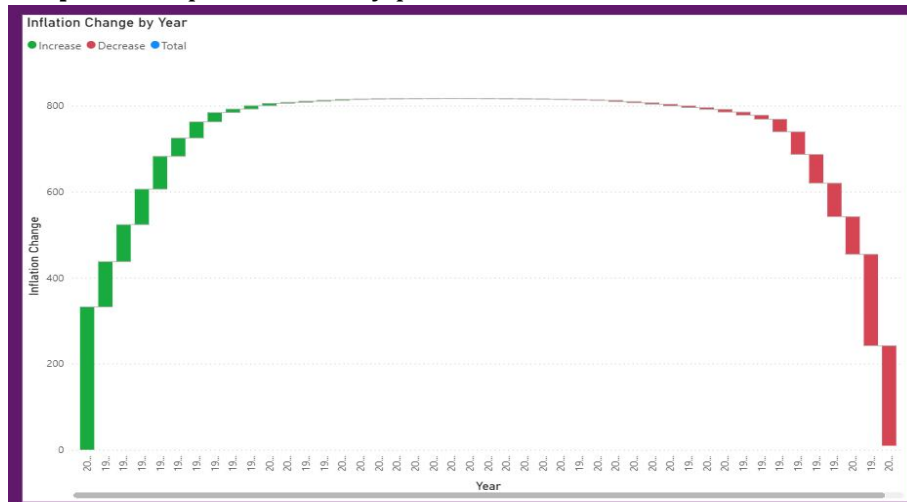
Purpose: Compare average inflation rate across continents in a clean and Simple visual way.



7. Which years had highest inflation spikes globally?

Visualization: Waterfall chart tracking changes

Purpose: Pinpoint volatility periods.



8. Forecasted inflation trends.

Visualization: Time-series forecast with confidence intervals.

