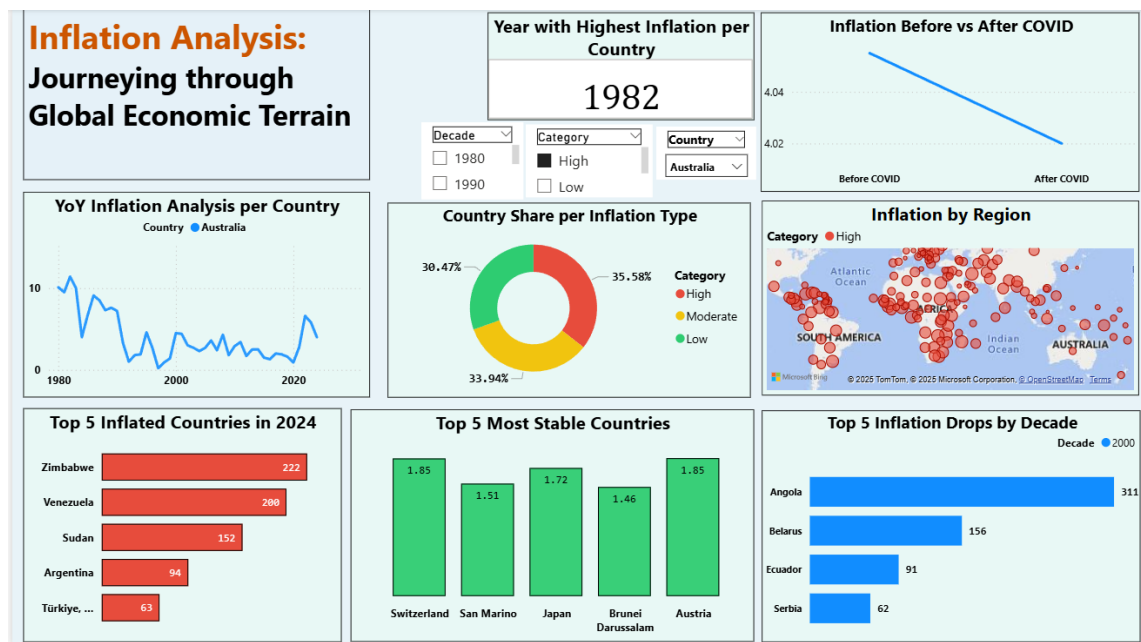


Report

Date	29 July 2025
Project Name	Inflation Analysis
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 reports in Power BI can provide valuable insights into business performance and trends.

1. Top 5 Countries with Highest Inflation in 2024

○ Observation:

Zimbabwe, Venezuela, Sudan, Argentina, and Türkiye faced extreme inflation

in 2024, with rates crossing hyperinflation thresholds.

This signals severe macroeconomic instability and possible policy failure in those nations.

2. Year-over-Year (YoY) Inflation Trends

- **Observation:**

A sharp global inflation rise is visible during 2020–2021, aligning with the COVID-19 pandemic and supply chain disruptions.

Several economies like India and Brazil are recovering post-2022 with inflation rates stabilizing.

3. Most Economically Stable Countries

- **Observation:**

Countries like Switzerland, Japan, Austria, Brunei, and San Marino showed the lowest inflation variation across years, implying strong monetary control and resilience to global economic shocks.

4. Regional Inflation Overview (Map Visualization)

- **Observation:**

African and Latin American regions, especially Sub-Saharan Africa and South America, had consistently high inflation in 2024.

Western Europe and parts of Asia remained more stable, suggesting better policy frameworks.

5. Year with Highest Inflation per Country

- **Observation:**

2022 was identified as the peak inflation year for nearly 35% of countries analyzed, likely due to delayed post-pandemic economic effects, war-related supply constraints (e.g., Ukraine-Russia), and energy price surges.

6. Distribution of Countries by Inflation Type (Yearly Stacked Bar Chart)

- **Observation:**

The proportion of countries experiencing high inflation (>10%) increased dramatically from 2020 to 2022 and then started declining by 2024, showing a pattern of crisis and recovery.

7. Countries with Biggest Drop in Inflation Over the Decade

- **Observation:**

Countries such as Brazil, Indonesia, and South Africa showed significant improvement, with notable inflation drops from 2010 to 2020.

This suggests successful long-term policy reforms and stabilization strategies.

8. Pre-COVID vs Post-COVID Average Inflation Comparison

- **Observation:**

A majority of countries experienced higher average inflation rates post-COVID (2020–2024) compared to the pre-COVID period (2015–2019), proving the pandemic's lasting economic impact.

The spike was most prominent in developing economies with weaker fiscal buffers.