

Dashboard Design

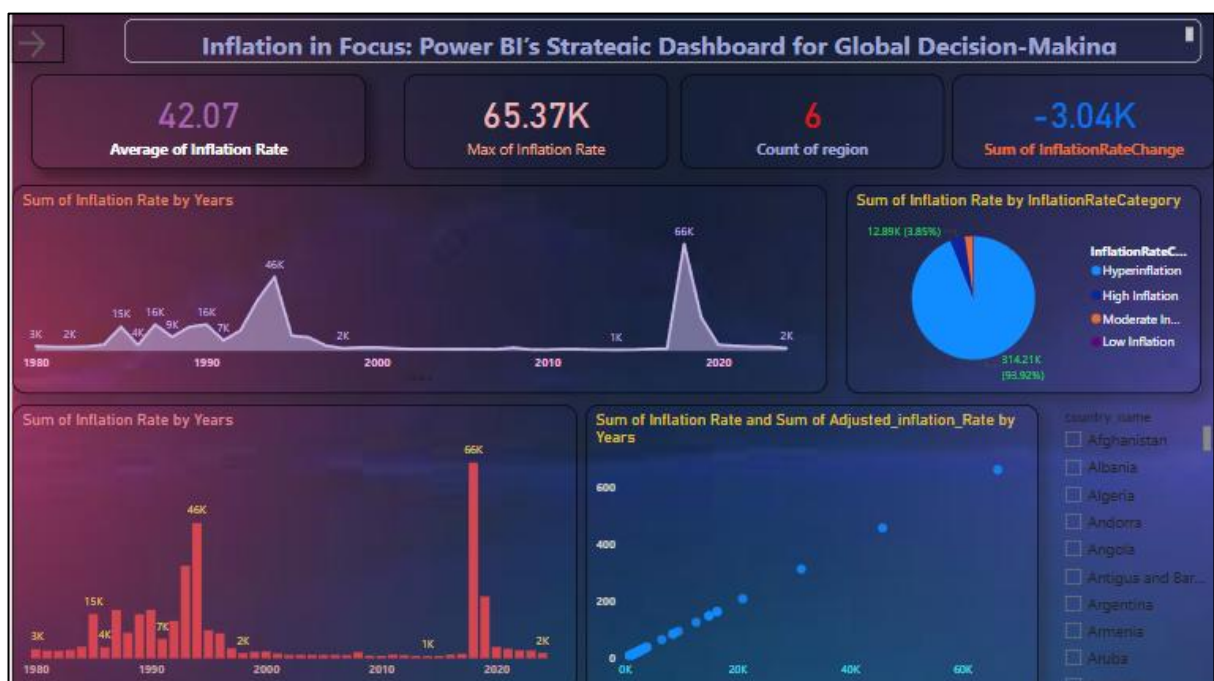
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Team ID	SWUID20250182348
Project Name	Power BI Inflation Analysis
Maximum Marks	5 Marks

Creating an effective dashboard involves thoughtful design to ensure that the presented information is clear, relevant, and easily understandable for the intended audience. Here are some key principles and best practices for dashboard design

Activity 1: Interactive and visually appealing dashboards

Creating interactive and visually appealing dashboards involves a combination of thoughtful design, effective use of visual elements, and the incorporation of interactive features. Here are some tips to help you design dashboards that are both visually appealing and engaging for users so take care of below points

- Clear and Intuitive Layout
- Use Appropriate Visualizations
- Colour and Theming
- Interactive Filters and Slicers
- Drill-Down Capabilities
- Responsive Design
- Custom Visuals and Icons
- Use of Infographics



Key KPI Insights:

Average of Inflation Rate:

42.07 — Suggests that the average inflation rate across all countries and years is relatively high, possibly due to extreme inflation in specific regions.

Max of Inflation Rate:

65.37K — An extremely high value, possibly due to hyperinflation

Count of Region:

6 — Indicates data is distributed across 6 distinct regions

Sum of Inflation Rate Change:

-3.04K --- This shows that in many countries, inflation is **going down over time**.

Visual insights---

Sum of Inflation Rate by Year

- Big spikes in **1990 and 2020** suggest **economic crises** happened around those years.
- Lower values in other years show more **stable inflation**.

Inflation Rate Categories (Pie Chart)

- Most of the data (about **94%**) shows **low inflation**.
- A few countries show **high or hyperinflation**, but they are not common.

Adjusted vs. Actual Inflation

- One chart compares **actual inflation** with **adjusted inflation**.
- This helps show what inflation would look like if we adjust for factors like currency value or global averages.
- The values grow together — showing a **strong link** between actual and adjusted rates.