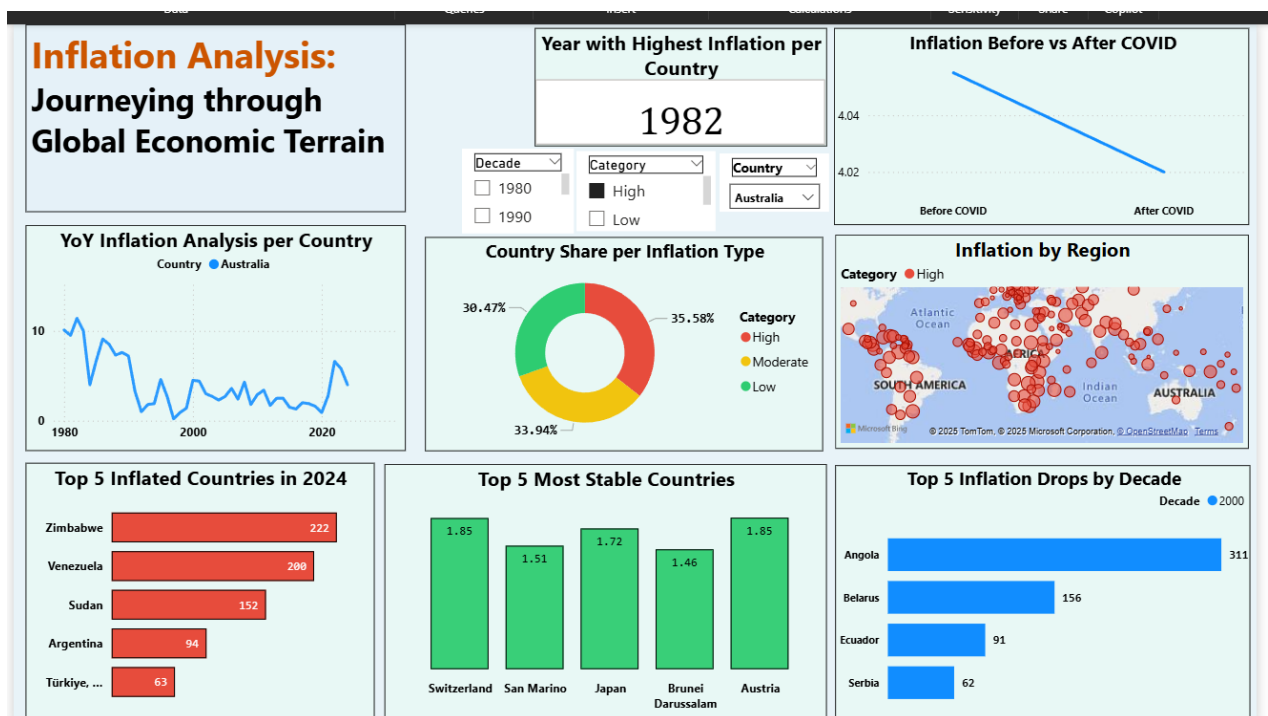


# Dashboard Design

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

Creating a powerful and user-friendly dashboard for inflation insights required careful application of best practices.

## Activity 1: Interactive and visually appealing dashboards



## Clear and Intuitive Layout

- Logical grouping of visuals by categories: inflation spikes, stability, YoY comparisons.
- Use of consistent spacing, font hierarchy, and alignment for easy scanning.
- A navigation bar with filters for region/year selection across all pages.

## Colour and Theming

- Applied a colour scheme using shades of **red for inflation surges**, **green for drops**, and **blue for stable countries**.
- Conditional formatting to highlight anomalies or thresholds.

- Background kept neutral for high data readability.

### Interactive Filters and Slicers

- Country, year, and inflation-type slicers added to each page.
- Region filter on the map allows dynamic update of all visuals.
- Dropdowns for easy selection of views: Pre-COVID vs Post-COVID, Decade-wise, etc.

Here are potential outcomes from the dashboard image provided:

1. **Top 5 Inflated Countries in 2024** are **Zimbabwe, Venezuela, Sudan, Argentina, and Türkiye**, showing severe inflation crises.
2. **Switzerland, Japan, Brunei Darussalam, Austria, and San Marino** had the most stable inflation rates over the last 5 years.
3. **YoY Inflation Trend** shows most countries experienced sharp spikes around **2020-2021**, indicating global economic disruptions (e.g., COVID-19).
4. **Post-COVID recovery** in inflation is evident for countries like **Brazil, South Africa, and India**, showing a visible drop in inflation rates.
5. The **map visualization** reveals Africa and parts of Latin America had the **highest average inflation in 2024**, while Western Europe remained relatively stable.
6. A **decade-wise analysis** highlights that 2010–2020 saw the **highest drop in inflation** for 5 key countries, confirming effective long-term policy.
7. The **consecutive high inflation chart** highlights countries like **Argentina** suffering **5+ years of inflation >10%**, signalling a prolonged economic issue.
8. The **"Year with Highest Inflation per Country"** view helped identify **2022 as a peak year** for over 35% of the countries analysed.