

Problem Statement

Date	04 Oct 2025
Team ID	
Project Name	Power BI Inflation Analysis: Journeying Through Global Economic Terrain
Maximum Marks	3 Marks

Problem Statements:

Inflation affects the financial stability of individuals, businesses, and nations by influencing purchasing power, investment decisions, and policy formulation. However, stakeholders such as government agencies, economists, and financial analysts face difficulty making sense of vast, complex inflation data that varies across countries and regions. The lack of clear visualization and comparative analysis tools limits their ability to identify patterns, monitor trends, and respond proactively to inflation risks.

Customer's Point of View:

“As a policymaker or financial analyst, I need a way to view and compare inflation data across countries and regions easily. I want to understand which areas face higher inflation risks, how inflation changes over time, and what categories (low, moderate, high) are most prevalent globally. Today, I spend too much time cleaning and interpreting raw data instead of making data-driven decisions.”

Key Pain Points:

- Existing datasets are dense and fragmented, making cross-country or regional analyses difficult.
- There is no unified platform that correlates country-level data with regional economic contexts.
- Comparing adjusted vs. actual inflation rates is cumbersome without visual tools.
- Lack of interactive dashboards hinders quick exploration and informed policymaking.

Desired Outcome:

Customers want an interactive Power BI dashboard that unifies global inflation data, visualizes trends through maps, KPIs, and charts, and enables simple filtering by time, region, and inflation category. This tool should help them:

- Monitor inflation trends globally and regionally.
- Identify risk zones and outliers.
- Forecast potential economic challenges.
- Make faster, data-driven policy and investment decisions.