

Project Design Phase
Proposed Solution Template

Date	15 February 2025
Team ID	PNT2025TMID00596
Project Name	Power BI Inflation Analysis Journeying Through Global Economic Terrain
Maximum Marks	2 Marks

Proposed Solution Template:

Project team shall fill the following information in the proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Financial analysts, policymakers, and businesses struggle to track real-time inflation trends due to scattered data sources , manual data processing , and lack of predictive analytics . This results in delayed economic decisions and inefficient inflation management .
2.	Idea / Solution description	The Power BI Inflation Analysis System is an automated, real-time dashboard that: Integrates multiple data sources (IMF, World Bank, National Agencies). Automates data transformation and visualization in Power BI. Applies predictive models for inflation forecasting. Provides interactive dashboards for real-time insights and decision-making.
3.	Novelty / Uniqueness	Unlike traditional methods, this solution: Automates the entire inflation tracking process. Uses AI-driven forecasting for predictive analytics. Provides real-time collaboration with interactive Power BI dashboards .
4.	Social Impact / Customer Satisfaction	Helps governments & businesses make informed policy & financial decisions. Increases accessibility of inflation insights for economic planning. Reduces time spent on manual data processing , improving efficiency.
5.	Business Model (Revenue Model)	The solution can be monetized through: Subscription-based model for financial institutions & enterprises. Freemium model with basic features and premium analytics for advanced users. Enterprise licensing for government agencies.
6.	Scalability of the Solution	Easily scalable for global economic tracking. Can integrate more financial datasets for deeper insights. Supports future AI enhancements for improved accuracy.