

Project Design Phase
Proposed Solution Template

Date	22 March 2025
Team ID	PNT2025TMID07133
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)	Multinational corporations struggle with inconsistent inflation data, limited historical records, and complex economic interdependencies, making it difficult to analyze global inflation trends and make informed pricing, risk mitigation, and investment decisions
2.	Idea / Solution description	a standardized, integrated, and interactive Power BI solution that consolidates inflation data, enhances predictive modeling, and accounts for economic interdependencies, enabling businesses to optimize pricing strategies, mitigate risks, and make informed investment decisions.
3.	Novelty / Uniqueness	Our approach leverages Power BI's advanced analytics and visualization capabilities to standardize inflation data across multiple regions, integrate diverse historical datasets for trend analysis, and model complex economic interdependencies. This holistic, interactive, and predictive solution enables real-time decision-making by providing actionable insights tailored to each market's unique economic conditions—something traditional static reports and fragmented data sources fail to achieve.
4.	Social Impact / Customer Satisfaction	Global Economic Equity: Standardizing inflation data across regions promotes transparency and fairness in economic decision-making. Interactive & User-friendly Dashboards: Power BI's visualization tools make complex economic data easy to interpret for both experts and non-experts.
5.	Business Model (Revenue Model)	The proposed business model focuses on leveraging Power BI's data visualization and analytics capabilities to provide real-time, data-driven insights into global

		inflation trends. The model aims to serve businesses, policymakers, and financial institutions by offering customizable dashboards, predictive analytics, and consulting services to help them make informed economic decisions.
6.	Scalability of the Solution	The Power BI Global Inflation Analysis solution is highly scalable, leveraging cloud-based infrastructure to handle increasing data volumes, expanding user bases, and diverse economic datasets. It seamlessly integrates global economic data sources, supports real-time updates, and offers multi-tenant access for businesses, policymakers, and financial institutions. With customizable dashboards, the platform ensures efficient performance and adaptability across industries and regions. Its cloud-native architecture allows for on-demand scaling, making it future-proof and capable of addressing evolving economic analysis needs on a global scale.