Raw Data Sources Identification Report

Date	08 December 2025
Team ID	SWUID20250189320
Project Title	Power BI Inflation Analysis: Journeying Through Global Economic Terrain
Maximum Marks	2 Marks

Data Collection Plan & Raw Data Sources Identification

Project Overview

The project aims to develop an interactive Power BI dashboard to visualize and analyze global inflation trends, enabling stakeholders to monitor inflation variations across countries and regions effectively. The dashboard will integrate multi-year inflation datasets to provide comprehensive economic insights.

Data Collection Plan

Data will be collected primarily from reliable open-source and official datasets, including:

- Kaggle global inflation datasets for historical and current inflation rates by country.

- World Bank and International Monetary Fund (IMF) datasets for macroeconomic indicators and regional classifications.

- U.S. Bureau of Labor Statistics (BLS) for Consumer Price Index (CPI) data specific to the United States.

- Supplementary government statistical agencies and economic databases for region-specific inflation data where available.

Data will be downloaded regularly, cleaned, and preprocessed in Power BI using Power Query to ensure consistency and reliability.

Raw Data Sources Identified

Data Source	Description
Kaggle Global Inflation Dataset	Contains country-wise and year-wise inflation data from 1970-present, aggregated from multiple official sources.
World Bank Economic Indicators	Provides macroeconomic data and country classification by region, which will aid in regional analysis and mapping.
U.S. Bureau of Labor Statistics (BLS) CPI Data	Detailed monthly Consumer Price Index data for the United States to supplement global data with authoritative inflation metrics.
IMF Data Repository	Official economic statistics including inflation rates, allowing validation and enrichment of dataset.