Data Collection and Preprocessing Phase

Date	9 December 2025
Team ID	xxxxxx
Project Title	Power BI Inflation Analysis: Journeying Through Global Economic Terrain
Maximum Marks	2 Marks

Data Collection Plan

Section	Description
Project Overview	The project focuses on analyzing global inflation trends across different countries from 1980 to 2024. The objective is to build an interactive Power BI dashboard that provides insights into inflation fluctuations, long-term trends, and country-level comparisons to support informed economic decision-making.
Data Collection Plan	The primary data source for this project is an openly available Kaggle dataset that consolidates historical inflation data for 196 countries. The data was collected directly from the Kaggle repository in CSV format. No secondary or private datasets were used.
Raw Data Sources Identified	The main dataset identified is the Global Inflation Data dataset available on Kaggle. It contains annual inflation values for multiple countries collected over a span of 44 years. This dataset is suitable for time-series visualization, forecasting, and cross-country comparative analysis.

Raw Data Sources

Source Name	Description	Location/URL	Format	Size	Access Permissions
Dataset 1 Global Inflation Data	Contains annual inflation rates for 196 countries from 1980–2024. The dataset includes 47 columns (years and metadata) and is used for time-series analysis and economic trend exploration.	https://www.kaggle.com/datasets/sazidthe1/global-inflation-data	CSV	~200 KB	Public