Data Collection and Preprocessing Phase

Date	25 June 2025
Project Title	Power BI Inflation Analysis: Journeying Through Global Economic Terrain
Maximum Marks	2 Marks

Section	Description
Project Overview	This project aims to visualize and analyze global inflation trends from 1980 to 2023 using Power BI. The objective is to identify countries with highest and lowest inflation, track historical changes, and provide region-wise comparisons through interactive dashboards.
Data Collection Plan	The data was collected from reliable and open sources such as Kaggle and IMF (International Monetary Fund). These sources provided detailed inflation rates by country and year.
Raw Data Sources Identified	The primary raw data sources include CSV and Excel files containing inflation statistics of multiple countries over several years. These datasets were used to build the Power BI data model after cleaning and transformation.

Raw Data Sources Template

Source Name	Description	Location/URL	Format	Size	Access Permissions
Dataset 1	Contains inflation rate (%) for 200+ countries from 1980 to 2023, year-wise.	https://www.kaggle.com/datasets/sazidthe1/global-inflation-data	CSV	~1MB	Public
Dataset 2	World Bank population indicators including urban vs rural distribution, age-wise population, etc.	https://www.kaggle.com/datasets/iamsouravbanerjee/world-population-dataset	CSV	~1MB	Public