

## Data Collection and Preprocessing Phase

Date	23 July 2025
Team ID	
Project Title	Power BI inflation analysis: journeying through global economic
Maximum Marks	2 Marks

### Data Collection Plan & Raw Data Sources Identification Template

Elevate your data strategy with the Data Collection plan and the Raw Data Sources report, ensuring meticulous data curation and integrity for informed decision-making in every analysis and decision-making endeavor.

### Data Collection Plan Template

Section	Description
Project Overview	The project focuses on analyzing global inflation patterns using Power BI. It aims to uncover economic trends, regional disparities, and the impact of indicators such as GDP, oil prices, and CPI on inflation rates over time. The outcome will support better economic understanding and decision-making.
Data Collection Plan	Data was gathered from publicly available and credible sources including Kaggle datasets, IMF reports, World Bank databases, and open government economic repositories. Power BI's Power Query and Excel connectors were used to import and transform the data for analysis.

Raw Data Sources Identified	<ol style="list-style-type: none"> <li>1. <b>Global Inflation Dataset (Kaggle)</b> – Year-wise inflation rates for countries.</li> <li>2. <b>Countries of the World Dataset</b> – Contains demographic and economic attributes of countries such as population, region, literacy rate, birthrate, etc., useful for filtering and advanced modeling.</li> </ol>
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### Raw Data Sources Template

Source Name	Description	Location/URL	Format	Size	Access Permissions
Dataset 1	Contains annual inflation rates for countries over multiple years.	<a href="#">Global Inflation Dataset</a>	CSV	45.75 kB	Public
Dataset 2	Includes demographics and economic indicators like population, literacy, region, birthrate, etc.	<a href="#">Countries of the World</a>	CSV	38.3 kB	Public