**Data Collection and Preprocessing Phase**

| Date | 29 July 2025 |
| --- | --- |
| Team ID |  |
| Project Title | Power BI Inflation Analysis: Journeying Through Global Economic Terrain |
| Maximum Marks | 2 Marks |

**Data Collection Plan & Raw Data Sources Identification**

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**

| **Section** | **Description** |
| --- | --- |
| Project Overview | This project was created during my virtual internship to learn and apply Power BI for data analysis. The project is based on analyzing global inflation rates from 1980 to 2024. The data includes information from different countries and regions. The main aim was to understand how inflation has changed over the years and how it varies between different places using Power BI visualizations and dashboards. |
| Data Collection Plan | Kaggle |
| Raw Data Sources Identified | The **"global\_inflation\_data.csv"** dataset is designed to support the analysis and visualization of global inflation trends across countries and regions from **1980 to 2024**. The data helps in understanding how inflation rates vary over time and across geographical areas, enabling comparisons between countries, identification of high and low inflation periods, and insights into regional economic patterns. |

**Raw Data Sources**

| **Source Name** | **Description** | **Location/URL** | **Format** | **Size** | **Access Permissions** |
| --- | --- | --- | --- | --- | --- |
| global\_inflation\_data.csv | The **"global\_inflation\_data.csv"** dataset contains historical inflation rate data for multiple countries, with yearly values from **1980 to 2024**. The dataset includes columns such as **Country**, **Indicator\_Name**, and annual inflation rates, which were later unpivoted for analysis. | https://www.kaggle.com/datasets/sazidthe1/global-inflation-data | CSV | 45 KB | Public |
| Countries-by-regions.csv | A dataset mapping each country to its corresponding geographic region and subregion. Useful for categorizing countries in analyses such as global economic, demographic, or inflation studies. | https://www.kaggle.com/datasets/fernandol/countries-of-the-world | CSV | 4 KB | Public |