Data Collection and Preprocessing Phase

Date	08 December 2025
Team ID	SWUID20250189320
Project Title	Power BI Inflation Analysis: Journeying Through Global Economic Terrain
Maximum Marks	3 Marks

Data Quality Report Template:

Data Source	Data Quality Issue	Severity	Resolution Plan
Kaggle Inflation Dataset	Missing inflation values for some countries/years	Moderate	Impute missing values using regional averages where possible; otherwise, exclude incomplete rows.
Kaggle Inflation Dataset	Duplicate entries for country-year combinations	Low	Use Power Query in Power BI to remove duplicate rows during the cleaning phase.
Kaggle Inflation Dataset	Inconsistent country/region naming conventions	High	Standardize names using mapping tables or reference country codes before harmonizing datasets.
Kaggle Inflation Dataset	Occasional outliers or erroneous inflation rates	Moderate	Identify outliers via statistical checks; verify and correct using official sources or flag data.
Kaggle Inflation Dataset	Data format inconsistencies like incorrect data types	Low	Convert columns to appropriate data types (e.g., text for countries, decimal for inflation rates).