Data Collection and Preprocessing Phase

Date	25 June 2025
Project Title	Power BI Inflation Analysis: Journeying Through Global Economic Terrain
Maximum Marks	3 Marks

Data Source	Data Quality Issue	Severity	Resolution Plan
Dataset	Year columns were in wide format (separate columns for each year)	Moderate	Used Power Query to unpivot year columns into a single 'Year' column
Dataset	Inconsistent formatting in inflation values (some text, some symbols)	High	Cleaned values by removing symbols and converting to numeric format
Dataset	Missing inflation rate values for some countries/years	Moderate	Replaced missing values using mean/average of nearby years or country-wise average
Dataset	Duplicate records for some country-year combinations	Low	Removed duplicates using Power Query's "Remove Duplicates" feature

Dataset	Region info missing or inconsistent	Low	Created 'Inflation Category' and 'Inflation Status' columns using conditional logic
Dataset	No unique identifier per row	low	Added index column to uniquely identify each row