**Data Collection and Preprocessing Phase**

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| Date | 22 June 2025 |
| Project Title | Power BI Inflation Analysis – Journeying Through Global Economic Terrain |
| Maximum Marks | 3 Marks |

**Data Quality Report**

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| **Data Source** | **Data Quality Issue** | **Severity** | **Resolution Plan** |
| Global Inflation Dataset (CPI, 1960–2023) | Year column stored as text format in some files | High | Converted Year fields to Integer type using Power Query |
| Country-wise Inflation Dataset | Inconsistent inflation values due to missing or blank entries | High | Applied forward-fill and median imputation to fill missing values |
| Combined Dataset | Country names were inconsistently spelled across datasets (e.g., “USA” vs “U.S.”) | Medium | Standardized country names using mapping table and Power Query transformations |
| Country-wise Inflation Dataset | Inflation values had extended decimal precision (up to 6 places) | Low | Rounded inflation rates to two decimal places for improved readability in visuals |