**Data Collection and Preprocessing Phase**

| Date | 28 July 2025 |
| --- | --- |
| Team ID |  |
| Project Title | Power BI Inflation Analysis: Journeying Through Global Economic Terrain |
| Maximum Marks | 3 Marks |

**Data Quality Report**

The Data Quality Report Template will summarize data quality issues from the selected source, including severity levels and resolution plans. It will aid in systematically identifying and rectifying data discrepancies.

| **Data Source** | **Data Quality Issue** | **Severity** | **Resolution Plan** |
| --- | --- | --- | --- |
| global\_inflation\_data.csv | Data type mismatches (years stored as text) | Low | Convert year values to integers and ensure inflation values are numeric for analysis. |
| global\_inflation\_data.csv | Years stored as separate columns instead of rows | Moderate | Unpivoted year columns into a single "Year" column for tidy format and easier analysis. |
| global\_inflation\_data.csv | Missing inflation values for certain countries and years | High | Impute missing values using the average of InflationRate. |
| global\_inflation\_data.csv | Missing region information for countries | Moderate | Enrich dataset by mapping each country to its region using **Countries-by-region** dataset. |
|  |  |  |  |
|  |  |  |  |