**Data Collection and Preprocessing Phase**

|  |  |
| --- | --- |
| Date | 23 July 2024 |
| Team ID | - |
| Project Title | Global Food Production Trends and Analysis |
| Maximum Marks | 3 Marks |

**Data Quality Report**

|  |  |  |  |
| --- | --- | --- | --- |
| **Data Source** | **Data Quality Issue** | **Severity** | **Resolution Plan** |
| Global Food Production Data | Column names contain inconsistent whitespaces, making it difficult to reference them directly in code. | Low | Renamed and standardized column headers by removing extra spaces and formatting them uniformly. |
| Global Food Production Data | Zero values present in production figures may indicate missing or unrecorded data. | Moderate | Investigated and retained zeroes but flagged countries and years with long sequences of zeroes for review. |
| Global Food Production Data | Extremely high values (billions of tonnes) mixed with very small values may affect visualization scales. | High | Applied normalization and used logarithmic scales in Power BI visuals where needed for better comparability. |
|  |  |  |  |
|  |  |  |  |