**Data Collection and Preprocessing Phase**

|  |  |
| --- | --- |
| Date | 11-07-2024 |
| Team ID | 739736 |
| Project Title | SMOKE DETECTION USING IOT DATASET |
| Maximum Marks | 2 Marks |

**Data Quality Report:**

The Data Quality Report 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 Quality Report:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Data Source** | **Data Quality Issue** | **Severity** | **Resolution Plan** |
| Kaggle  Dataset | Missing values in the  ‘Temperature’,’Humidity’,’eCO2’,’Pressure’,  ‘TVOC’,’Raw H2’,’Raw Ethanol’,’PM0.5’,’PM2.5’,’CNT’,’Fire Alarm’ | Moderate | Use median imputation. |