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| **Section** | **Description** |
| Data Overview | Dimension:  614 rows × 13 columns  Descriptive statistics: |
| Univariate Analysis |  |

**Data Collection and Preprocessing Phase**

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| --- | --- |
| Date | 11-07-2024 |
| Team ID | 739736 |
| Project Title | SMOKE DETECTION USING IOT DATASET |
| Maximum Marks | 6 Marks |

**Data Exploration and Preprocessing Report**

Dataset variables will be statistically analyzed to identify patterns and outliers, with Python employed for preprocessing tasks like normalization and feature engineering. Data cleaning will address missing values and outliers, ensuring quality for subsequent analysis and modeling, and forming a strong foundation for insights and predictions.

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|  |  |
| Bivariate Analysis |  |
| Multivariate Analysis |  |

|  |  |
| --- | --- |
| Outliers and Anomalies |  |
| **Data Preprocessing Code Screenshots** | |
| Loading Data |  |
| Feature Engineering | Attached the codes in final submission. |
| Save Processed Data | - |