**Dataset README**

**Overview**

This dataset contains time series data from various sensors, including measurements recorded at different timestamps. It is used for analyzing sensor data and predicting outcomes.

**File Descriptions**

* **raw\_data.csv:** Contains the original data with all recorded measurements.
* **processed\_data.csv:** Contains the cleaned and processed version of the raw data.

**Dataset Attributes**

* **time:** Timestamp of the data entry in the format DD-MM-YY HH:MM.
* **y:** Target variable or outcome.
* **x1 to x60:** Sensor readings or features collected from different sensors.

**Column Descriptions**

| **Column Name** | **Description** |
| --- | --- |
| time | Timestamp of the data entry. |
| y | The target variable. |
| x1 | Sensor reading from the first sensor. |
| x2 | Sensor reading from the second sensor. |
| ... | Additional sensor readings. |

**Data Processing**

* **Cleaning:** Handled missing values and removed duplicates.
* **Transformation:** Standardized sensor readings and encoded categorical variables.
* **Analysis:** Applied statistical methods to analyze trends.

**Usage**

The dataset is used for time series analysis and predictive modeling. Ensure you have the necessary libraries for data analysis.