

EXPLORATORY DATA ANALYSIS

Date 20 May 2023

Team ID NM2023TMID17415

Project Name Project on A Reliable Energy Consumption Analysis System for Energy-Efficient Appliances

DESCRIPTIVE STATISTICAL

```
import pandas as pd
```

```
# Load the dataset
```

```
data = pd.read_csv('data/data.csv')
```

```
# Calculate descriptive statistics
```

```
statistics = data.describe()
```

```
# Print the descriptive statistics
```

```
print(statistics)
```

```
PS C:\Users\karun\OneDrive\Desktop\NM> & C:/Users,
Efficiency    Use Rate
count  105.000000  105.000000
mean     3.095238   6.504762
std      1.267370   2.304360
min      1.000000   3.000000
25%      2.000000   4.000000
50%      3.000000   7.000000
75%      4.000000   8.000000
max      5.000000  10.000000
PS C:\Users\karun\OneDrive\Desktop\NM> |
```