

Model Performance Metrics

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Team ID	NM2023TMID17415
Project Name	Project - A Reliable Energy Consumption Analysis System for Energy-Efficient Appliances

The model metrics in the above project evaluate the performance of two regression models: Linear Regression and Random Forest Regression. The metrics provide insights into how well the models are able to predict the target variable (Efficiency) based on the features (Appliance).

The following metrics are calculated for each model:

- **Energy Efficiency Rating**
- **Energy Consumption Value**

Energy Consumption Analysis

Appliance Type:

Refrigerator

Power Rating:

200

Usage Pattern:

2

Energy Efficiency Rating:

Medium

Submit

Energy Consumption Analysis Result

Energy Consumption: **492.86195696701327**