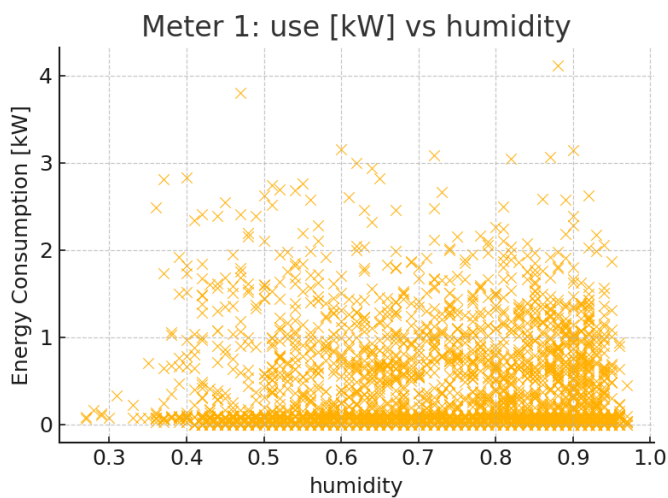
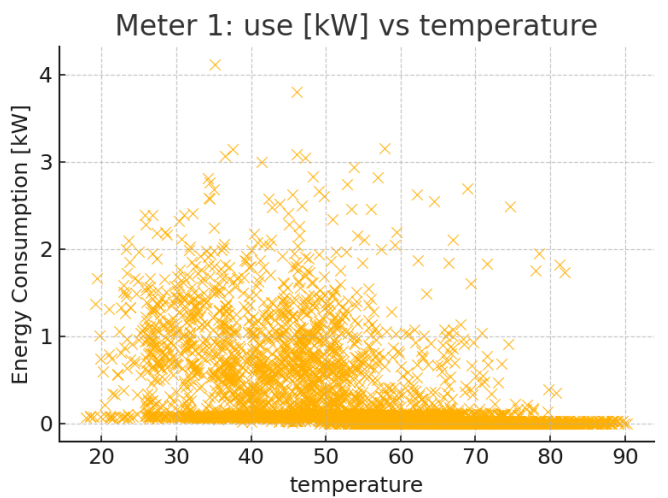


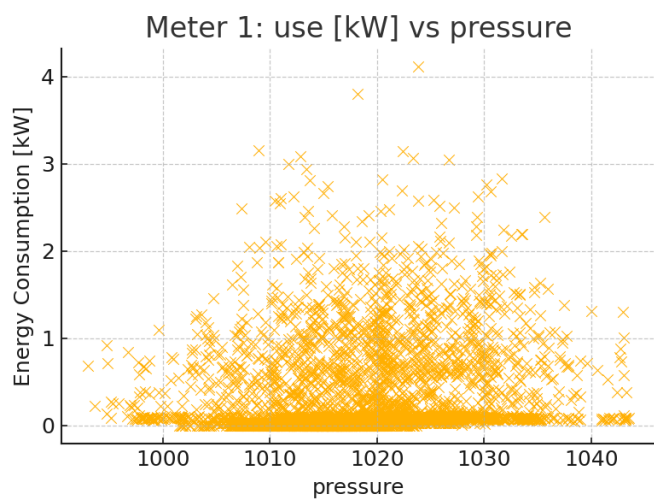
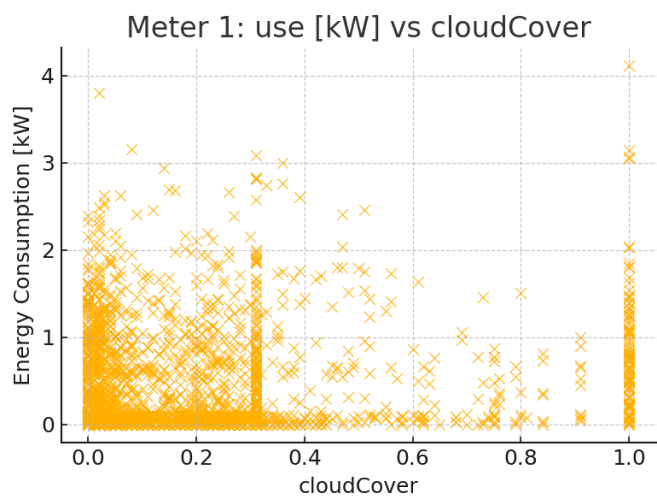
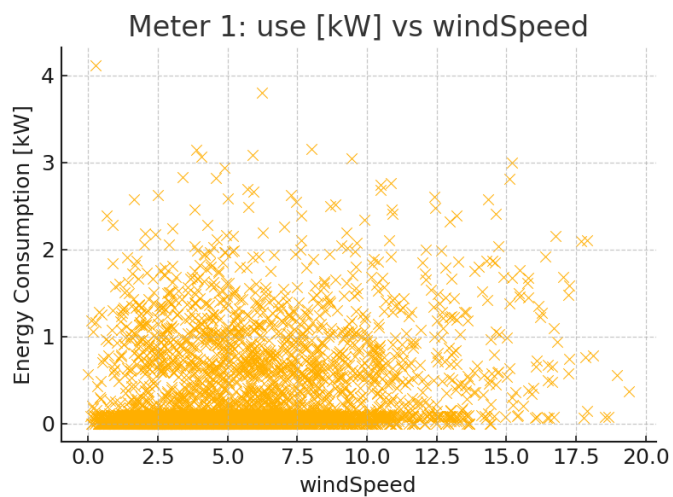
Energy Consumption Analysis with Weather Features

This document analyzes the relationship between energy consumption data and weather features for four meters. Each section includes a correlation matrix and scatter plots showing the relationships between energy consumption and selected weather variables such as temperature, humidity, wind speed, and more.

Meter 1 Analysis

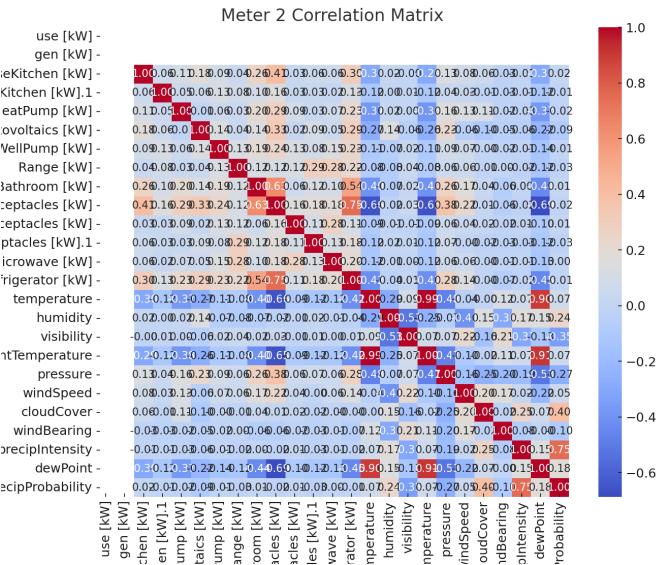
The heatmap below shows the correlation matrix for Meter 1, illustrating the relationships between energy consumption and weather features.



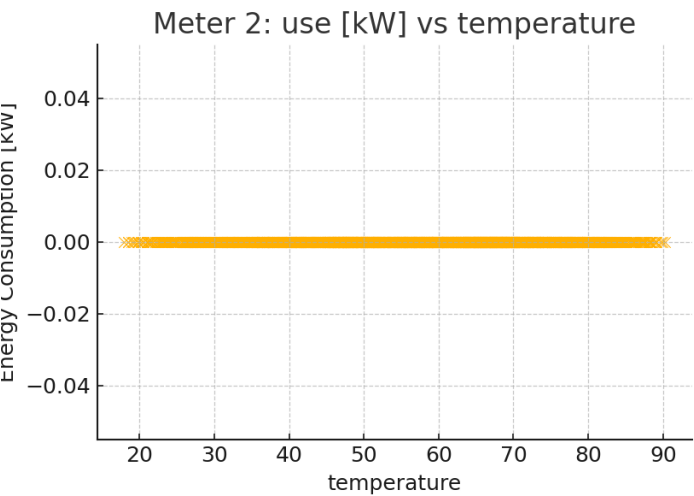


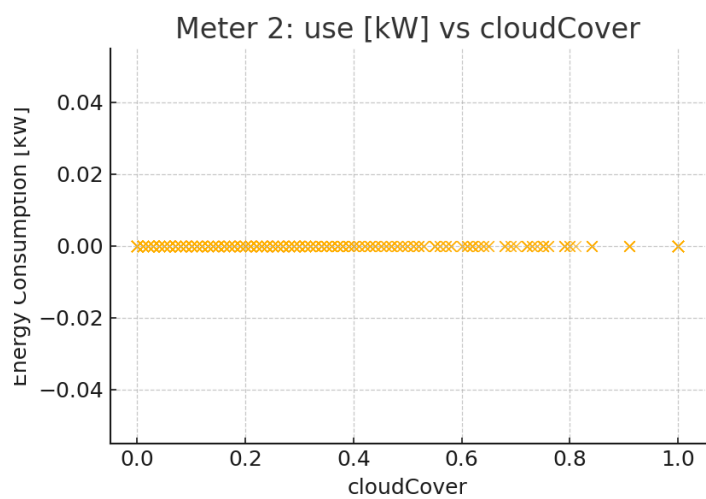
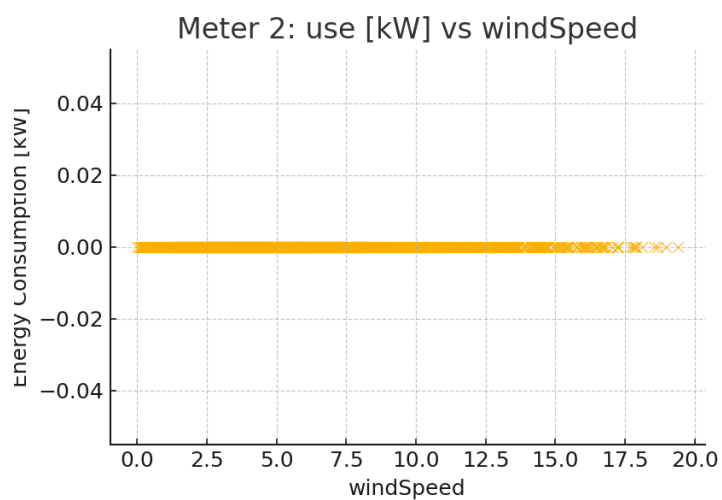
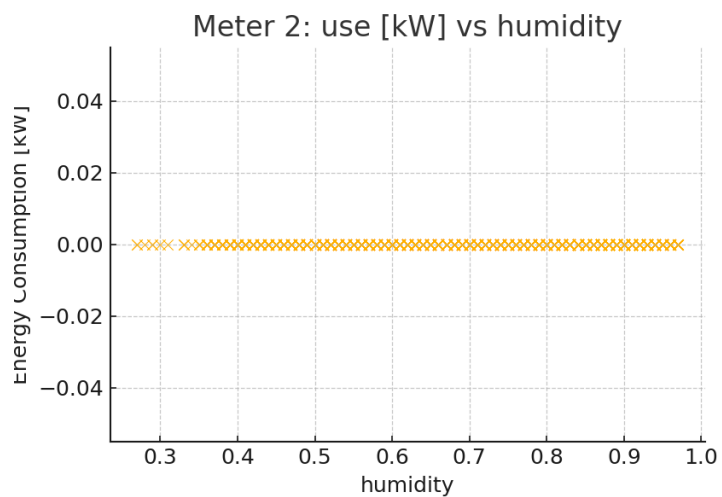
Meter 2 Analysis

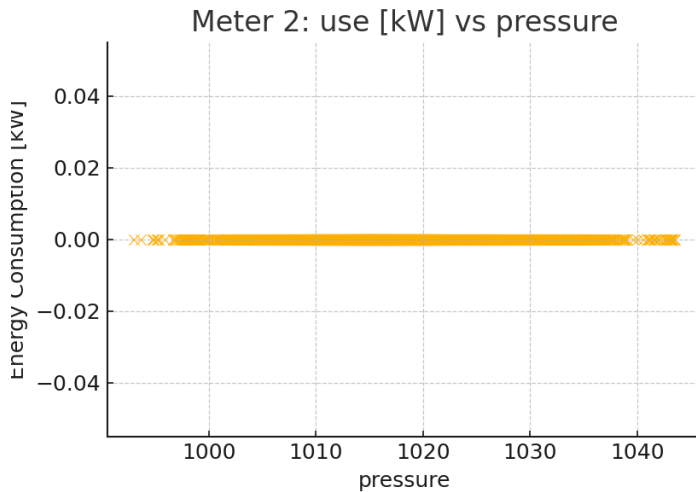
The heatmap below shows the correlation matrix for Meter 2, illustrating the relationships between energy consumption and weather features.



The scatter plots below highlight the relationships between energy consumption and key weather features for Meter 2.

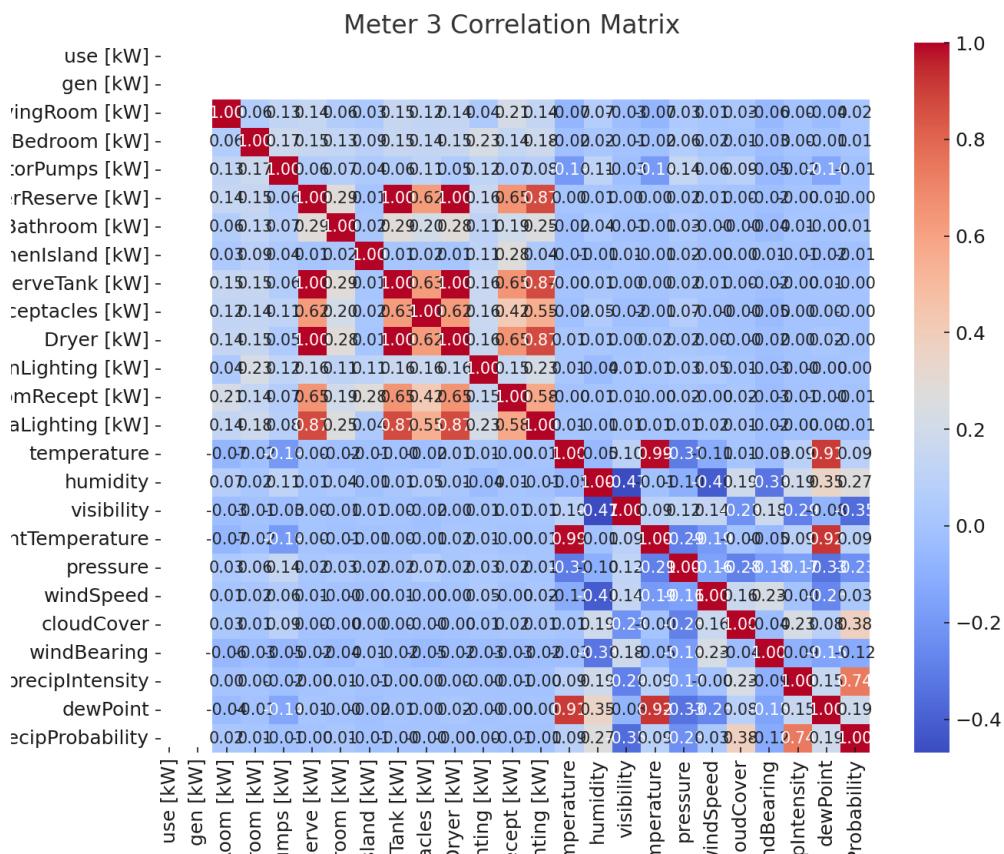




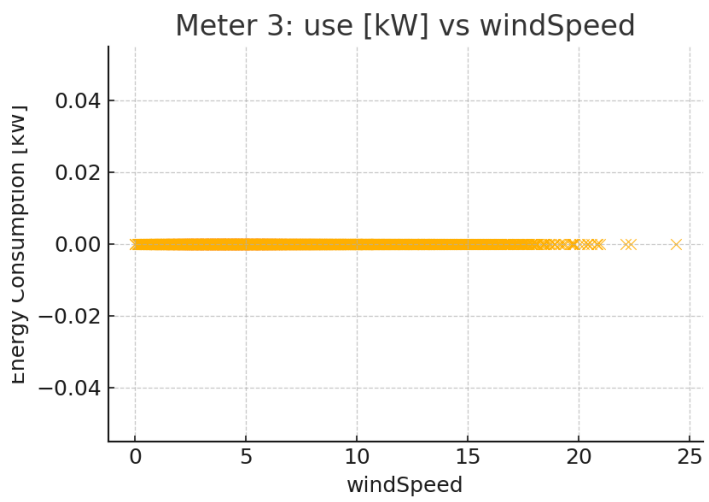
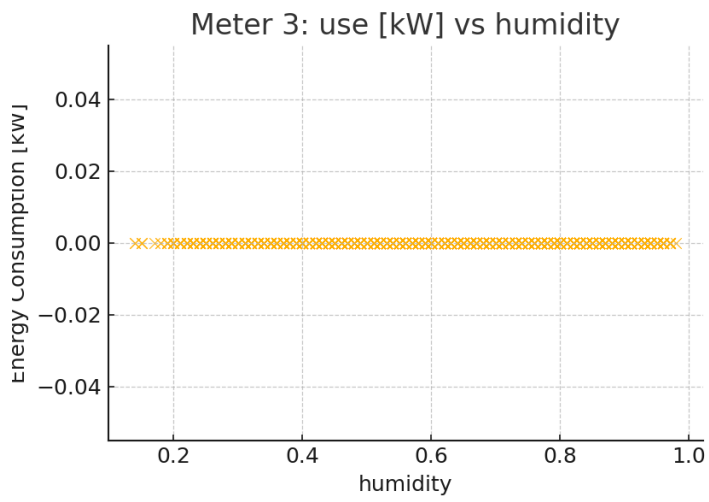
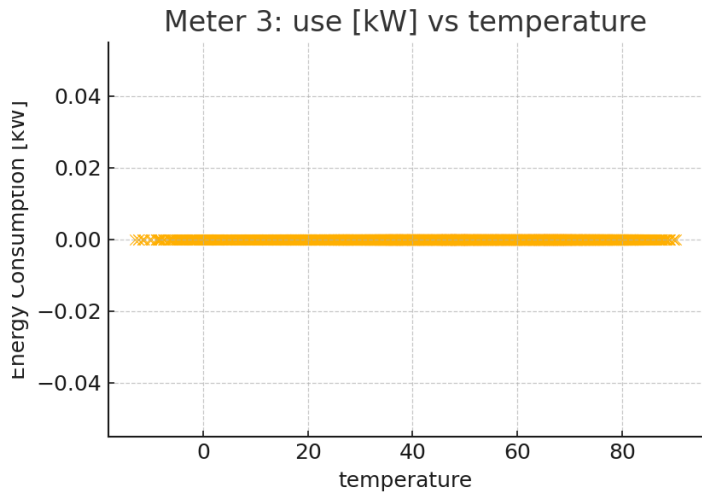


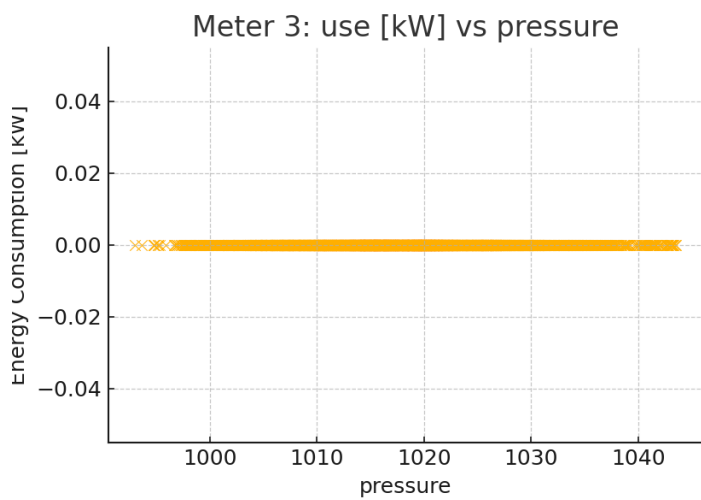
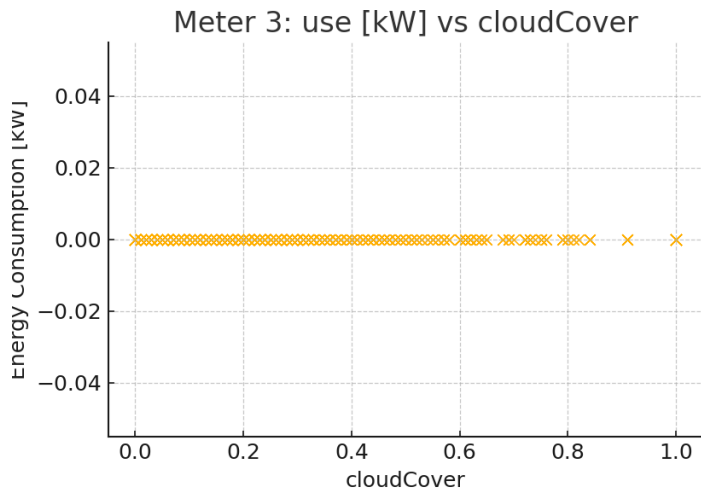
Meter 3 Analysis

The heatmap below shows the correlation matrix for Meter 3, illustrating the relationships between energy consumption and weather features.



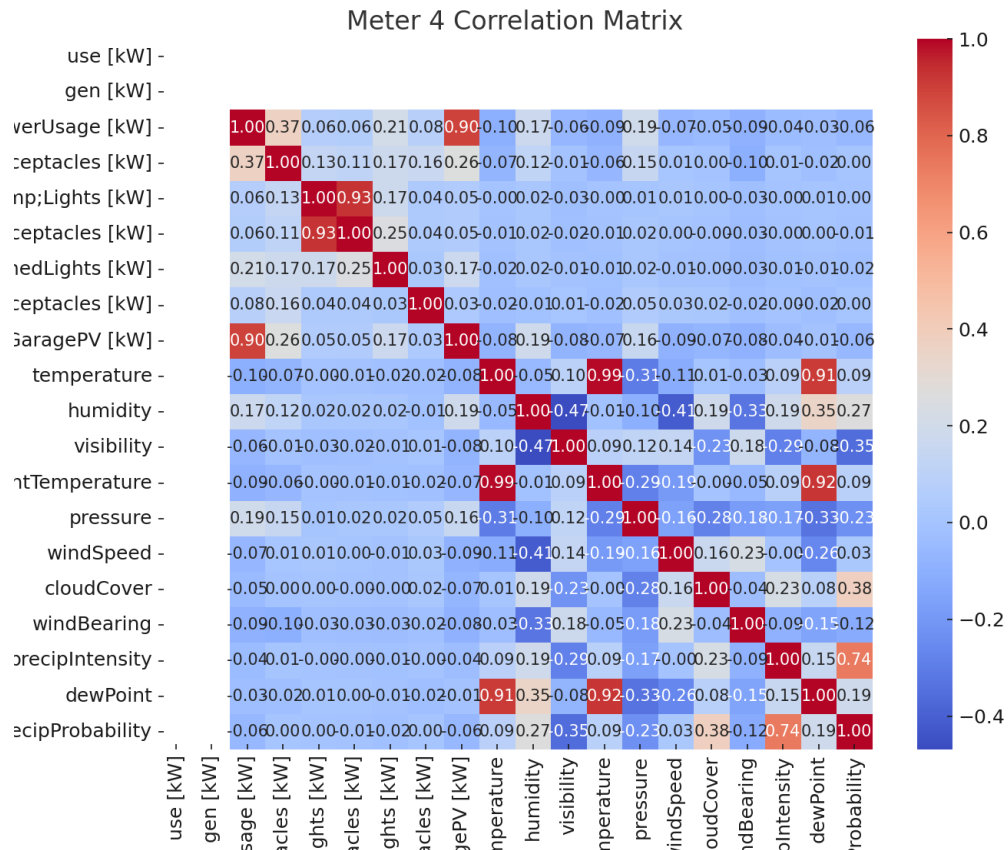
The scatter plots below highlight the relationships between energy consumption and key weather features for Meter 3.





Meter 4 Analysis

The heatmap below shows the correlation matrix for Meter 4, illustrating the relationships between energy consumption and weather features.



The scatter plots below highlight the relationships between energy consumption and key weather features for Meter 4.

