

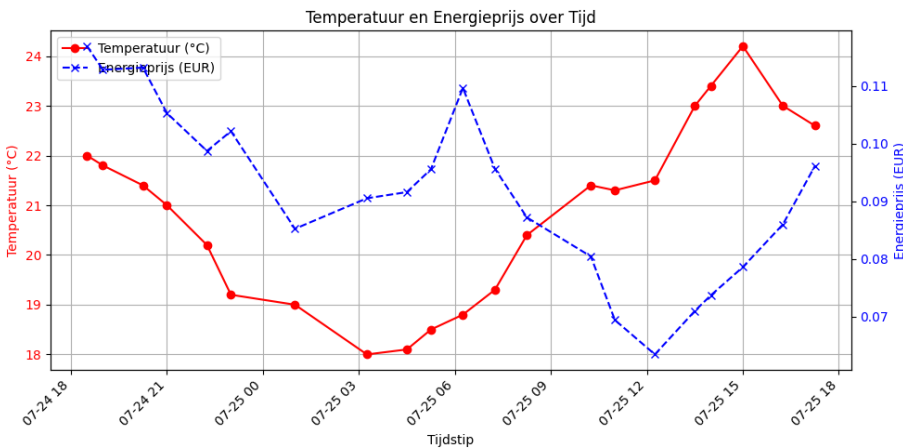
# Analysis report

Generated on: 2025-07-25 17:15:10

## Overview

This report analyzes the relationship between temperature (°C) and energy price (EUR).

## Graph



Temperature vs Energy Price

## Summary statistics

- **Temperature:** Mean = 20.8619, Std Dev = 1.80065
- **Energy Price:** Mean = 0.0915833, Std Dev = 0.0149712
- **Correlation (Pearson):** -0.294722

## Data

| Timestamp        | Temperature (°C) | Energy Price (EUR) |
|------------------|------------------|--------------------|
| 2025-07-24T18:30 | 22.0             | 0.11693            |
| 2025-07-24T19:00 | 21.8             | 0.11283            |
| 2025-07-24T20:15 | 21.4             | 0.11320            |
| 2025-07-24T21:00 | 21.0             | 0.10530            |
| 2025-07-24T22:15 | 20.2             | 0.09874            |

|                  |      |         |  |
|------------------|------|---------|--|
| 2025-07-24T23:00 | 19.2 | 0.10217 |  |
| 2025-07-25T01:00 | 19.0 | 0.08523 |  |
| 2025-07-25T03:15 | 18.0 | 0.09053 |  |
| 2025-07-25T04:30 | 18.1 | 0.09160 |  |
| 2025-07-25T05:15 | 18.5 | 0.09556 |  |
| 2025-07-25T06:15 | 18.8 | 0.10967 |  |
| 2025-07-25T07:15 | 19.3 | 0.09566 |  |
| 2025-07-25T08:15 | 20.4 | 0.08720 |  |
| 2025-07-25T10:15 | 21.4 | 0.08043 |  |
| 2025-07-25T11:00 | 21.3 | 0.06940 |  |
| 2025-07-25T12:15 | 21.5 | 0.06343 |  |
| 2025-07-25T13:30 | 23.0 | 0.07098 |  |
| 2025-07-25T14:00 | 23.4 | 0.07370 |  |
| 2025-07-25T15:00 | 24.2 | 0.07859 |  |
| 2025-07-25T16:15 | 23.0 | 0.08599 |  |
| 2025-07-25T17:15 | 22.6 | 0.09611 |  |