

LAPORAN HASIL ANALISIS

Prediksi Pemakaian Daya Listrik

Tanggal: 10 January 2026, 17:07

Metode: FTS Cheng, ANN MLP, ARIMA

1. Dataset Summary

| Item | Value |
|-----------------|----------------------------|
| Device | Unknown Device |
| Date Range | 01/01/2025 - 03/01/2025 |
| Total Rows | 3 |
| Start Time | 01-01-2025 00:00:00 |
| End Time | 03-01-2025 00:00:00 |
| Median Interval | 86400 seconds (1440.0 min) |

2. First 10 Rows

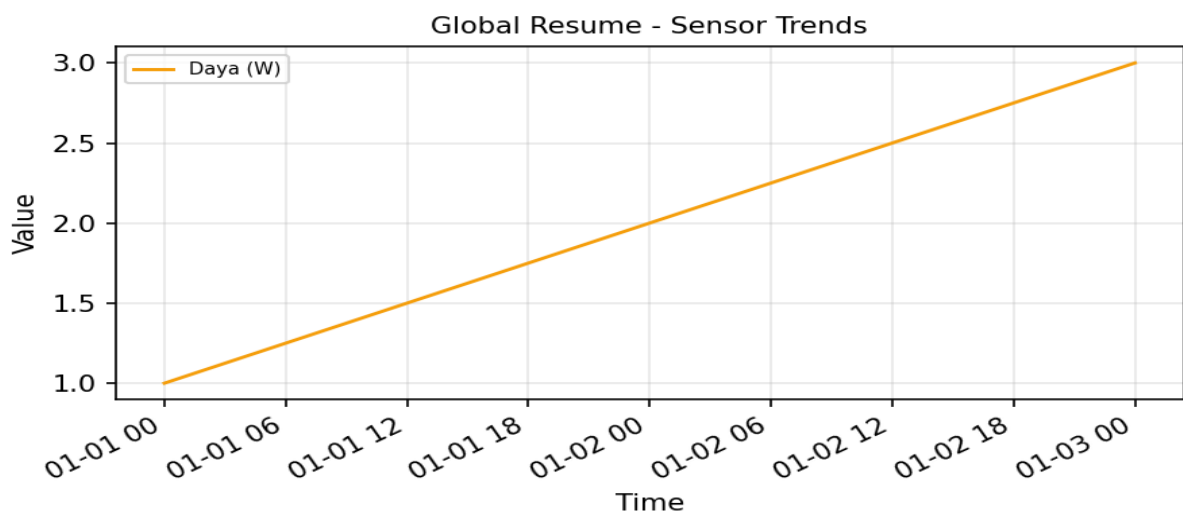
| Timestamp | V (V) | A (A) | W (W) | kWh | Hz | PF |
|---------------------|-------|-------|-------|-----|----|----|
| 01-01-2025 00:00:00 | - | - | 1.00 | - | - | - |
| 02-01-2025 00:00:00 | - | - | 2.00 | - | - | - |
| 03-01-2025 00:00:00 | - | - | 3.00 | - | - | - |

3. Last 10 Rows

| Timestamp | V (V) | A (A) | W (W) | kWh | Hz | PF |
|---------------------|-------|-------|-------|-----|----|----|
| 01-01-2025 00:00:00 | - | - | 1.00 | - | - | - |
| 02-01-2025 00:00:00 | - | - | 2.00 | - | - | - |
| 03-01-2025 00:00:00 | - | - | 3.00 | - | - | - |

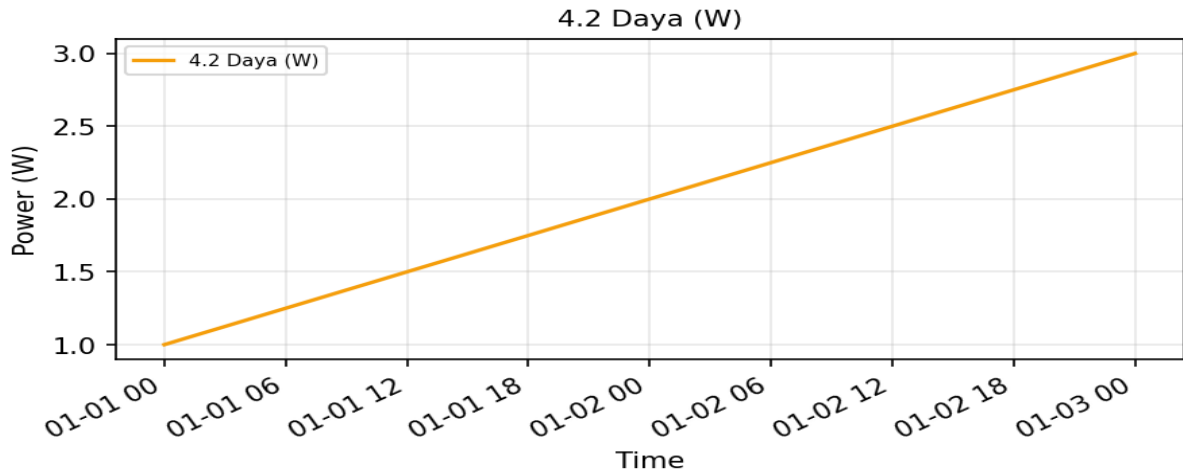
4. Global Resume

4.0 Overall



4.1 Tegangan (V) tidak tersedia.

4.2 Daya (W)



4.3 Arus (A) tidak tersedia.

4.4 Energi (kWh) tidak tersedia.

4.5 Power Factor tidak tersedia.

Tidak ada data arus untuk resume global.

4.8 HOME Average Summary (Rata-rata)

| Tanggal Awal | Tanggal Akhir | Jumlah Data | V_avg (V) | A_avg (A) | W_avg (W) | E (kWh) | Hz_avg | PF_avg |
|--------------|---------------|-------------|-----------|-----------|-----------|---------|--------|--------|
| 01/01/2025 | 03/01/2025 | 3 | 0.00 | 0.000 | 2.00 | 0.1200 | 0.0 | 0.000 |

5. Resume Graphic (FTS/ANN/ARIMA)

Grafik resume belum tersedia.

6. FTS Mathematical Documentation

FTS results tidak tersedia.

7. Model Configuration

| Model | Config Summary |
|-------|--|
| FTS | n=None, method=None, pad=5%, split=80% |
| ANN | epoch=-, neuron=-, layers=-, lr=- |
| ARIMA | order=(-, -, -) |

8. Performance Results

| Model | MAE | RMSE | MAPE (%) | Rank |
|-------|-----|------|----------|------|
|-------|-----|------|----------|------|

9. Sensitivity Analysis

Sensitivity analysis belum tersedia.

10. Auto-Generated Caption

Analisis perbandingan FTS Cheng, ANN, dan ARIMA pada Unknown Device periode 01/01/2025 - 03/01/2025 dengan 3 titik data. FTS parameter $n=-$, method=equal-width, pad=5% memberi MAPE=0.00%. Model terbaik: N/A (MAPE=-%). Konfigurasi saat ini sudah optimal.

Appendix A. Technical Details

A.4 Perbandingan Hasil Prediksi