

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

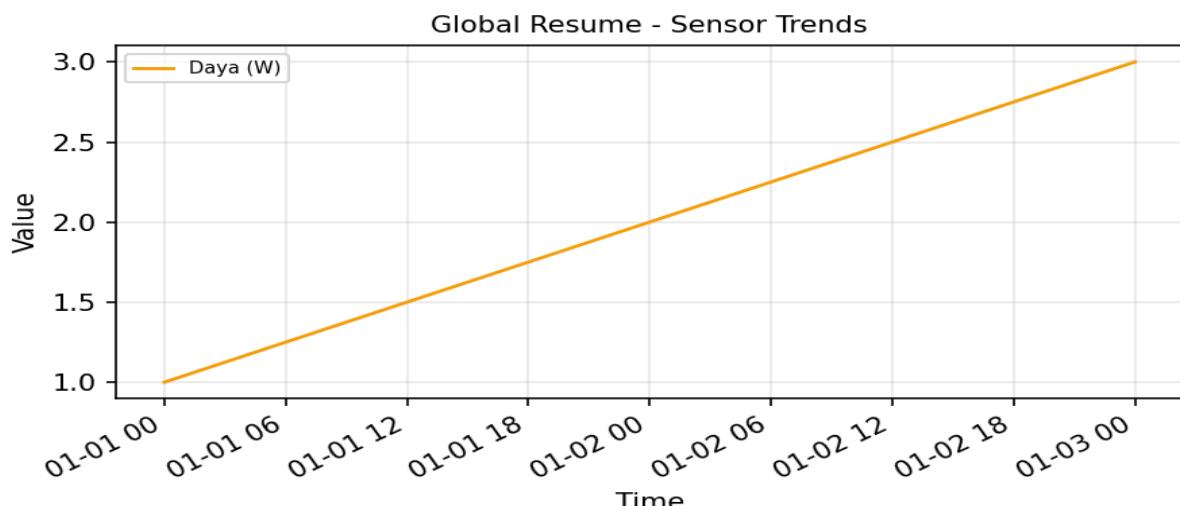
Timestamp	V (V)	A (A)	W (W)	kWh	Hz	PF
01-01-2025 00:00:00	-	-	1.00	-	-	-
02-01-2025 00:00:00	-	-	2.00	-	-	-
03-01-2025 00:00:00	-	-	3.00	-	-	-

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	-	-	-

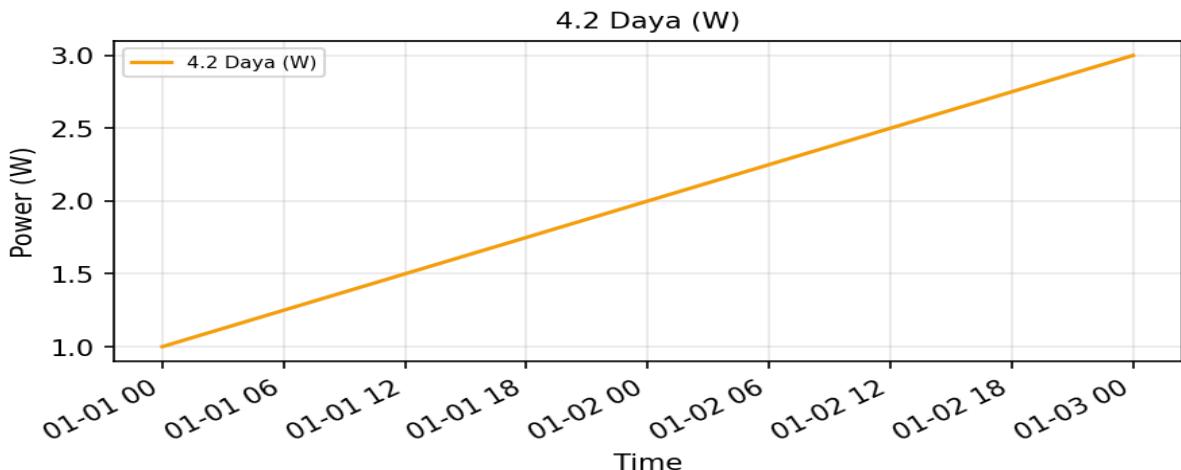
4. Global Resume

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