

## Household Energy Consumption - Summary Findings

Source file: Household\_Energy.csv

Original rows: 250, rows after dedup: 250

Top 20% electricity usage threshold: 429.20 kWh

Family size with highest mean electricity: size=3, mean=330.62 kWh

Appliance bin with highest mean electricity: 3-4, mean=312.87 kWh

Recommended quick actions:

- Target households in top 20% for energy audits and appliance efficiency programs.
- Promote smart meters and personalized usage reports.
- Offer incentives for replacement of old/high-consumption appliances.

Notes:

- Gas units assumed compatible with kWh if summed; verify units before combining.
- Some rows have missing values; see 'cleaned\_data' sheet for details.