

Household Energy Consumption Analysis:

Household Energy Consumption Summary

AVG_Electricity_Usage	301.34
Min Electricity Usage	100
Max Electricity Usage	500
Avg Gas Usage	123.264
Min Gas Usage	50
Max Gas Usage	200
Avg Family Size	4.092
Avg Appliances Count	7.912
Avg Income Bracket	424.604

Insights

1. Large families use more energy than small families.
2. More appliances = higher electricity use.
3. Rich households use almost double the energy of low-income ones.
4. Energy peaks in July and December.
5. Top 10 households consume 2–3 times the average.

Recommendations

6. Promote energy-efficient appliances.
7. Focus awareness on large families and rich households.
8. Give subsidies for solar panels and insulation.
9. Run conservation drives in July and December.
10. Suggest smart meters for households with many appliances.