HOUSEHOLD\_ENERGY\_CONSUMPTION SUMMARY

* **Total Records**: 250 households

**Columns**:

* Household\_ID,
* Family\_Size,
* Monthly\_Income,
* Electricity\_Usage (kWh),
* Gas\_Usage,
* Appliances\_Count,
* Month, Total\_Energy,
* Income\_Group

**Key Insights:**

* **Average Family Size**: ~4 members
* **Average Monthly Income**: ₹59,793
* **Average Electricity Usage**: ~301 kWh
* **Average Gas Usage**: ~123 units
* **Average Total Energy**: ~425 units
* **Average Appliances Count**: ~8 appliances

**Income Group Distribution**:

* High: 98 households
* Medium: 84 households
* Low: 68 households

The dataset contains information on 250 households, covering details such as family size, monthly income, electricity and gas usage, appliances owned, and total energy consumption. On average, households have around four members with a monthly income of nearly ₹60,000. The average electricity usage is about 301 kWh, while gas usage is around 123 units, resulting in a combined average total energy consumption of roughly 425 units. Each household owns about eight appliances on average. Income distribution shows that 98 households fall into the high-income group, 84 into the medium group, and 68 into the low-income group. This dataset provides a good foundation to analyze household energy patterns, the impact of family size and income on energy consumption, and the role of appliances in overall energy usage.