# Codebook: Individual household electric power consumption

**Source** :

<https://archive.ics.uci.edu/ml/datasets/Individual+household+electric+power+consumption>

**Dataset** : <https://archive.ics.uci.edu/ml/machine-learning-databases/00235/household\_power\_consumption.zip>

Descriptions of the 9 variables in the dataset:

1. **Date** : Date in format dd/mm/yyyy
2. **Time** : time in format hh:mm:ss
3. **Global\_active\_power** : household global minute-averaged active power (in kilowatt)
4. **Global\_reactive\_power** : household global minute-averaged reactive power (in kilowatt)
5. **Voltage** : minute-averaged voltage (in volt)
6. **Global\_intensity** : household global minute-averaged current intensity (in ampere)
7. **Sub\_metering\_1** : energy sub-metering No. 1 (in watt-hour of active energy). It corresponds to the kitchen, containing mainly a dishwasher, an oven and a microwave (hot plates are not electric but gas powered).
8. **Sub\_metering\_2** : energy sub-metering No. 2 (in watt-hour of active energy). It corresponds to the laundry room, containing a washing-machine, a tumble-drier, a refrigerator and a light.
9. **Sub\_metering\_3** : energy sub-metering No. 3 (in watt-hour of active energy). It corresponds to an electric water-heater and an air-conditioner.