**Steel Industry Energy Consumption Dataset**

<https://archive.ics.uci.edu/ml/datasets/Steel+Industry+Energy+Consumption+Dataset>

Abstract: The data is collected from a smart small-scale steel industry in South Korea. Attribute Information: Data Variables Type Measurement; Industry Energy Consumption Continuous kWh; Lagging Current reactive power Continuous kVarh; Leading Current reactive power Continuous kVarh; tCO2(CO2) Continuous ppm; Lagging Current power factor Continuous %; Leading Current Power factor Continuous %; Number of Seconds from midnight Continuous S; Week status Categorical (Weekend (0) or a Weekday(1)); Day of week Categorical Sunday, Monday â€¦. Saturday; Load Type Categorical Light Load, Medium Load, Maximum Load.

Shape = (35040, 11)

Response: energy consumption

**Source:**

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**Data Set Information:**

The information gathered is from the DAEWOO Steel Co. Ltd in Gwangyang, South Korea. It produces several types of coils, steel plates, and iron plates. The information on electricity consumption is held in a cloud-based system. The information on energy consumption of the industry is stored on the website of the Korea Electric Power Corporation (pccs.kepco.go.kr), and the perspectives on daily, monthly, and annual data are calculated and shown.