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(table 1)

Dataset Description

Source:

Artur Trindade, artur.trindade '@' elergone.pt, Elergone, NORTE-07-0202-FEDER-038564

Data type: TS

Task: regression, clustering

Number of Instances (records in your data set):370

Number of Attributes (fields within each record):140256

Data Set Information:

Data set has no missing values.

Values are in kW of each 15 min. To convert values in kWh values must be divided by 4.

Each column represent one client. Some clients were created after 2011. In these cases consumption were considered zero.

All time labels report to Portuguese hour. However all days present 96 measures (24*4). Every year in March time change day (which has only 23 hours) the values between 1:00 am and 2:00 am are zero for all points. Every year in October time change day (which has 25 hours) the values between 1:00 am and 2:00 am aggregate the consumption of two hours.

Attribute Information:

Data set were saved as txt using csv format, using semi colon (;).

First column present date and time as a string with the following format 'yyyy-mm-dd hh:mm:ss'

Other columns present float values with consumption in kW

Abstarct : This data set contains electricity consumption of 370 points/clients.

Data-Set Characteristics	Time-Series	Number of Instances	370
Attribute Characteristics	Real	Number of Attributes	140256
Associated Tasks	Regression,Clustering	Missing values ?	N/A
Each Column	Clients	Type of Attribute	Numeric
Target(every column)	NO		

(Table 2)