



Big Data Challenge (/datamine/big-data-challenge/) / Milano Weather Station Data

Description (/datagem/milano-weather-station-data/description/)

Preview

API

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Schema

- Legend dataset:**
 - Sensor ID:** the id of the sensor. TYPE: numeric
 - Sensor street name:** the street name where the sensor identified by the *Sensor ID* is located. TYPE: alphanumeric
 - Sensor lat:** the geographical latitude specifying the position of the sensor identified by the *Sensor ID*. TYPE: numeric
 - Sensor long:** the geographical longitude specifying the position of the sensor identified by the *Sensor ID*. TYPE: numeric
 - Sensor type:** the type of the sensor identified by the *Sensor ID*. TYPE: alphanumeric
 - UOM:** the unit of measurement of the value recorded by the sensor identified by the *Sensor ID*. TYPE: alphanumeric
- Weather Phenomena:** this dataset contains a file for each sensor. The name of the files has the following format *MI_Meteo_<sensorID>.csv*.
 - Sensor ID:** the id of the sensor. TYPE: alphanumeric
 - Time instant:** the time instant of the measurement expressed as a date/time with the following formats
 - YYYY/MM/DD HH24:MI. TYPE: date.
 - Measurement:** the value of the meteorological phenomena intensity measured at the *Time Instant* by the *Sensor ID*. The unit of measurement (UOM) of the value recorded by the given sensor is specified in the Legend dataset. TYPE: numeric

NOTE

The Wind Direction is measured in degrees having north as a reference plane (North is specified as value 0 or 360 degrees). In addition, the values of the wind direction measurement could assume the following special values:

- 777 : calm
- 7777 : calm
- 888 : variable
- 8888 : variable

See more details in the Description tab (<https://dandelion.eu/datagem/milano-weather-station-data/description/>)

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