=======================================

Dataset characteristics

=======================================

day.csv have the following fields:

- instant: record index

- dteday : date

- season : season (1:spring, 2:summer, 3:fall, 4:winter)

- yr : year (0: 2018, 1:2019)

- mnth : month (1 to 12)

- holiday : weather day is a holiday or not (extracted from http://dchr.dc.gov/page/holiday-schedule)

- weekday : day of the week

- workingday : if day is neither weekend nor holiday is 1, otherwise is 0.

+ weathersit :

- 1: Clear, Few clouds, Partly cloudy, Partly cloudy

- 2: Mist + Cloudy, Mist + Broken clouds, Mist + Few clouds, Mist

- 3: Light Snow, Light Rain + Thunderstorm + Scattered clouds, Light Rain + Scattered clouds

- 4: Heavy Rain + Ice Pallets + Thunderstorm + Mist, Snow + Fog

- temp : temperature in Celsius

- atemp: feeling temperature in Celsius

- hum: humidity

- windspeed: wind speed

- casual: count of casual users

- registered: count of registered users

- cnt: count of total rental bikes including both casual and registered

======================================

License

======================================

Use of this dataset in publications must be cited to the following publication:

[1] Fanaee-T, Hadi, and Gama, Joao, "Event labeling combining ensemble detectors and background knowledge", Progress in Artificial Intelligence (2013): pp. 1-15, Springer Berlin Heidelberg, doi:10.1007/s13748-013-0040-3.

@article{

    year={2013},

    issn={2192-6352},

    journal={Progress in Artificial Intelligence},

    doi={10.1007/s13748-013-0040-3},

    title={Event labeling combining ensemble detectors and background knowledge},

    url={http://dx.doi.org/10.1007/s13748-013-0040-3},

    publisher={Springer Berlin Heidelberg},

    keywords={Event labeling; Event detection; Ensemble learning; Background knowledge},

    author={Fanaee-T, Hadi and Gama, Joao},

    pages={1-15}

}

======================================

Contact

======================================

For further information about this dataset please contact Hadi Fanaee-T (hadi.fanaee@fe.up.pt)