Parking Birmingham Data Set

Download: Data Folder, Data Set Description

Abstract: Data collected from car parks in Birmingham that are operated by NCP from Birmingham City Council. UK Open Government Licence (OGL). [Web Link]

Data Set Characteristics:	Multivariate, Univariate, Sequential, Time-Series	**Number of Instances:**	35717	**Area:**	Computer
Attribute Characteristics:	Real	**Number of Attributes:**	4	**Date Donated**	2019-01-02
Associated Tasks:	Classification, Regression, Clustering	**Missing Values?**	Yes	**Number of Web Hits:**	46203

Source:

Daniel H. Stolfi, dhstolfi '@' lcc.uma.es, University of Malaga - Spain.

Data Set Information:

Occupancy rates (8:00 to 16:30) from 2016/10/04 to 2016/12/19

Attribute Information:

SystemCodeNumber: Car park ID
Capacity: Car park capacity
Occupancy: Car park occupancy rate
LastUpdated: Date and Time of the measure

Relevant Papers:

+ D. H. Stolfi, E. Alba, and X. Yao. Predicting Car Park Occupancy Rates in Smart Cities. In: Smart Cities: Second International Conference, Smart-CT 2017, MÃ¡laga, Spain, June 14-16, 2017, pp. 107â€“117. doi> 10.1007/978-3-319-59513-9_11
+ A. Camero, J. Toutouh, D. H. Stolfi, and E. Alba, Evolutionary Deep Learning for Car Park Occupancy Prediction in Smart Cities. In International Conference on Learning and Intelligent Optimization, 2019, pp. 386â€“401. doi> 10.1007/978-3-030-05348-2_32

Citation Request:

+ Daniel H. Stolfi, Enrique Alba, and Xin Yao. Predicting Car Park Occupancy Rates in Smart Cities. In: Smart Cities: Second International Conference, Smart-CT 2017, MÃ¡laga, Spain, June 14-16, 2017, pp. 107â€“117. doi>

10.1007/978-3-319-59513-9_11
+ Birmingham City Council. [Web Link]
