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Real estate valuation data set Data Set

Download: [Data Folder](#), [Data Set Description](#)

Abstract: The "real estate valuation" is a regression problem. The market historical data set of real estate valuation are collected from Sindian Dist., New Taipei City, Taiwan.

Data Set Characteristics:	Multivariate	Number of Instances:	414	Area:	Business
Attribute Characteristics:	Integer, Real	Number of Attributes:	7	Date Donated	2018-08-18
Associated Tasks:	Regression	Missing Values?	N/A	Number of Web Hits:	165780

Source:

Original Owner and Donor

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Date Donated: Aug. 18, 2018

Data Set Information:

The market historical data set of real estate valuation are collected from Sindian Dist., New Taipei City, Taiwan. The "real estate valuation" is a regression problem. The data set was randomly split into the training data set (2/3 samples) and the testing data set (1/3 samples).

Attribute Information:

The inputs are as follows

X1=the transaction date (for example, 2013.250=2013 March, 2013.500=2013 June, etc.)

X2=the house age (unit: year)

X3=the distance to the nearest MRT station (unit: meter)

X4=the number of convenience stores in the living circle on foot (integer)

X5=the geographic coordinate, latitude. (unit: degree)

X6=the geographic coordinate, longitude. (unit: degree)

The output is as follow

Y= house price of unit area (10000 New Taiwan Dollar/Ping, where Ping is a local unit, 1 Ping = 3.3 meter squared)

Relevant Papers:

Yeh, I. C., & Hsu, T. K. (2018). Building real estate valuation models with comparative approach through case-based reasoning. *Applied Soft Computing*, 65, 260-271.

Citation Request:

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