



# Real Estate Valuation

Donated on 8/17/2018

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.

## Dataset Characteristics

Multivariate

## Subject Area

Business

## Associated Tasks

Regression

## Feature Type

Integer, Real

## # Instances

414

## # Features

6

## Dataset Information



### Additional 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).

### Has Missing Values?

No

## Introductory Paper



### [Building real estate valuation models with comparative approach through case-based reasoning](#)

By I. Yeh, Tzu-Kuang Hsu. 2018

Published in Applied Soft Computing

## Variables Table



Variable Name	Role	Type	Description	Units	Missing Values
No	ID	Integer			no
X1 transaction date	Feature	Continuous	for example, 2013.250=2013 March, 2013.500=2013 June, etc.		no
X2 house age	Feature	Continuous		year	no
X3 distance to the nearest MRT station	Feature	Continuous		meter	no
X4 number of convenience stores	Feature	Integer	number of convenience stores in the living circle on foot	integer	no
X5 latitude	Feature	Continuous	geographic coordinate, latitude	degree	no
X6 longitude	Feature	Continuous	geographic coordinate, longitude	degree	no
Y house price of unit area	Target	Continuous	10000 New Taiwan Dollar/Ping, where Ping is a local unit, 1 Ping = 3.3 meter squared	10000 New Taiwan Dollar/Ping	no

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## Additional Variable 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)...

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## Dataset Files

File	Size
Real estate valuation data set.xlsx	32 KB

## Reviews

There are no reviews for this dataset yet.

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