**REAL ESTATE VALUE PREDICTION**

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

**Source:**

Original Owner and Donor  
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**Data Set Information:** 415 rows, 7 columns

**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)