

`_Sale_prices_of_residential_property_in_Madrid_in_2018.`

`_Description:`

A dataset containing information about 156,016 real estate listings on idealista in Madrid during 2018.

`_Usage:`

```
data(Madrid_Sale)
```

Madrid_Sale

`_Format:`

An object of class ``sf`` (inherits from ``data.frame``) with 156,016 rows and 57 variables:

ASSETID Unique identifier of the asset

PERIOD Date YYYYMM, indicates the quarter when the ad was extracted we used YYYY03 for the 1st Q, YYYY06 the 2nd, YYYY09 for the 3rd and YYYY12 for the 4th

PRICE Price at idealista expressed in euros

UNITPRICE Price in euros per square meter

CONSTRUCTEDAREA Home built area in sq.m

ROOMNUMBER Number of bedrooms

BATHNUMBER Number of bathrooms

HASTERRACE Dummy variable for terrace (takes 1 if there is a terrace, 0 otherwise)

HASLIFT Dummy variable for lift (takes 1 if there is a lift in the building, 0 otherwise)

HASAIRCONDITIONING Dummy variable for AA (takes 1 if there is a AA, 0 otherwise)

AMENITYID Indicates the amenities included (1 - no furniture, no

kitchen amenities, 2 - kitchen amenities, no furniture, 3 - kitchen amenities, furniture)

HASPARKINGSPACE Dummy variable for parking (takes 1 if parking is included in the Ad, 0 otherwise)

ISPARKINGSPACEINCLUDEDINPRICE Dummy variable for parking (takes 1 if parking is included in the Ad, 0 otherwise)

PARKINGSPACEPRICE Price of parking Space in euros

HASNORTHORIENTATION Dummy variable for orientation (takes 1 if orientation is North in the Ad, 0 otherwise) - Important note: orientation features are not orthogonal features, a house oriented to the north can be also oriented to the east

HASSOUTHORIENTATION Dummy variable for orientation (takes 1 if orientation is South in the Ad, 0 otherwise) - Important note: orientation features are not orthogonal features, a house oriented to the north can be also oriented to the east

HASEASTORIENTATION Dummy variable for orientation (takes 1 if orientation is East in the Ad, 0 otherwise) - Important note: orientation features are not orthogonal features, a house oriented to the north can be also oriented to the east

HASWESTORIENTATION Dummy variable for orientation (takes 1 if orientation is West in the Ad, 0 otherwise) - Important note: orientation features are not orthogonal features, a house oriented to the north can be also oriented to the east

HASBOXROOM Dummy variable for boxroom (takes 1 if boxroom is included in the Ad, 0 otherwise)

HASWARDROBE Dummy variable for wardrobe (takes 1 if wardrobe is included in the Ad, 0 otherwise)

HASSWIMMINGPOOL Dummy variable for swimming pool (takes 1 if swimming pool is included in the Ad, 0 otherwise)

HASDOORMAN Dummy variable for doorman (takes 1 if there is a doorman in the building, 0 otherwise)

HASGARDEN Dummy variable for garden (takes 1 if there is a garden in the building, 0 otherwise)

ISDUPLEX Dummy variable for duplex (takes 1 if it is a duplex, 0

otherwise)

ISSTUDIO Dummy variable for bachelor apartment (studio in Spanish)
(takes 1 if it is a single-person apartment, 0 otherwise)

ISINTOPFLOOR Dummy variable indicating if the apartment is located
in the top floor (takes 1 on the top floor 0 otherwise)

CONSTRUCTIONYEAR Construction year (source: advertiser)

FLOORCLEAN Indicates flat floornumber starting from the 0 value
for ground floor (source: advertiser)

FLATLOCATIONID Indicates the kind of views the flat has (1 -
external, 2 - internal)

CADCONSTRUCTIONYEAR Construction year as of cadastral source
(source: cadastre), note this figure can differ from the one
given by the advertiser

CADMAXBUILDINGFLOOR Max building floor (source: cadastre)

CADDWELLINGCOUNT Dwelling count in the building (source: cadastre)

CADASTRALQUALITYID Cadastral quality (source: cadastre)

BUILTTYPEID_1 Dummy value for flat condition: 1 new development 0
otherwise (source: advertiser))

BUILTTYPEID_2 Dummy value for flat condition: 1 second hand to be
restored 0 otherwise (source: advertiser))

BUILTTYPEID_3 Dummy value for flat condition: 1 second hand in
good condition 0 otherwise (source: advertiser))

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DISTANCE_TO_CITY_CENTER Distance to center of city in km

DISTANCE_TO_CASTELLANA Distance to Paseo de la Castellana in km;
la Castellana is a major street that cuts across the city
from South to North

geometry geometry of simple features

An object of class 'sf' (inherits from 'data.frame') with 94815
rows and 42 columns.

`_S_o_u_r_c_e:`

Idealista (<https://www.idealista.com/>)

`_E_x_a_m_p_l_e_s:`

```
library(idealista18)
data(Madrid_Sale)
summary(Madrid_Sale$PRICE)
```