



Madrid Investment Options



Background

Madrid is the Capital of Spain, and the second largest city with 3.3 million inhabitants and the third largest GDP in the European Union.

The economic development brings great incomes for its inhabitants, also the gastronomy, historical places, museums and modern architecture made Madrid a great place to live and an amazing tourist destination.

For all the previous arguments, Madrid has become attractive for new investors around the globe who are looking for a great income for their business



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The Problem

A group of investor is looking for a new opportunities to increase their business in Madrid.

This report explored house markets and the commercial offer in Madrid Neighborhoods, comparing Net Income per Capita, House Price evolution and Commercial life in the Madrid Neighborhoods, to help stakeholders with new insights to decide which and where could be a better option for their investments.



Credit: <https://goldenvisasconsultancy.com/>

Data Description

The following data was considered to solve the problem:

1. Madrid 's District and Neighborhood table scrapped from wikipedia [link](#).
2. Demography and economic data from [the data bank of Madrid City Hall](#) was merged with the table got it above.
3. Using demography and economics data from Madrid's table and the geojson read from the [open data of Community of Madrid](#) to make all Choropleth maps.
4. Venues and venues categories were merged with Madrid's Table to make all analysis and suggests, this action was completed in two steps:
 - The coordinates of each Neighborhood of Madrid were extracted from Google Geocoding API.
 - Foursquare API were used to get all venues and venues categories from Madrid Neighborhoods.

Madrid table example

	District Name	District Population		District Name	District Population
0	Centro	131928	11	Usera	134791
1	Arganzuela	151965	12	Puente de Vallecas	227595
2	Retiro	118516	13	Moratalaz	94197
3	Salamanca	143800	14	Ciudad Lineal	212529
4	Chamartín	143424	15	Hortaleza	180462
5	Tetuán	153789	16	Villaverde	142608
6	Chamberí	137401	17	Villa de Vallecas	104421
7	Fuencarral-El Pardo	238756	18	Vicálvaro	70051
8	Moncloa-Aravaca	116903	19	San Blas-Canillejas	154357
9	Latina	233808	20	Barajas	46876
10	Carabanchel	243998			

Madrid Population Choropleth map

