

Project I

Interpreting Data Visualizations

Madrid in Detail

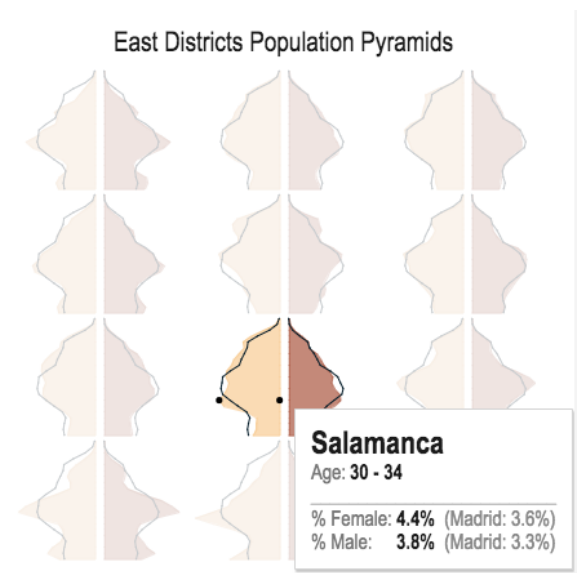
Jesseca G. Johnson

4 July 2018

Udacity Data Fundamentals Course

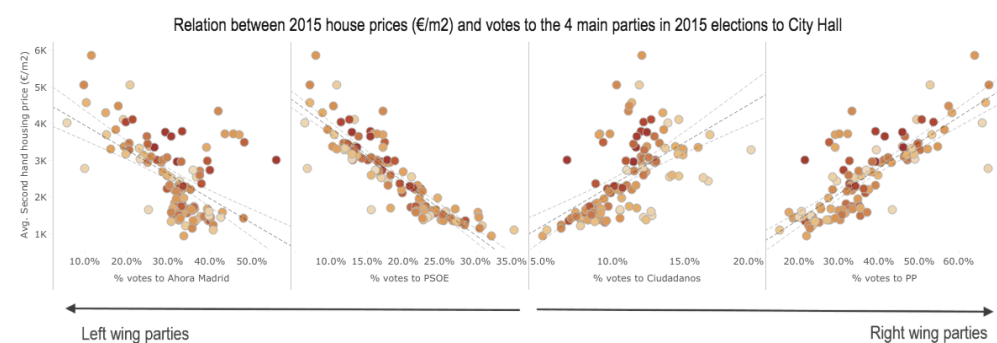
Insight One

The district of Salamanca has a higher proportion of females aged both 25-29 and 30-34 than Madrid overall. I found this by selecting the Districts view of the map and hovering over the population pyramid for Salamanca.



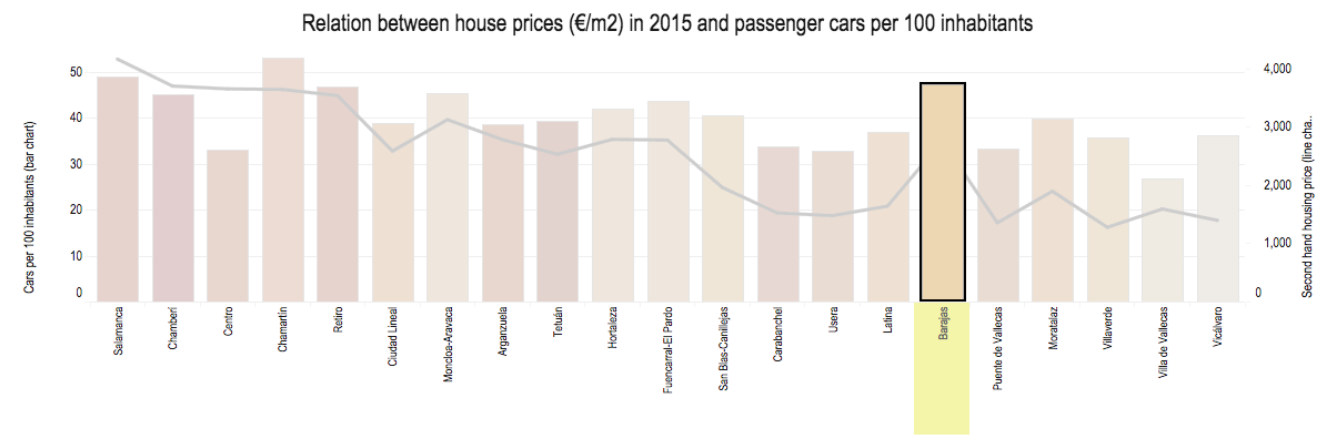
Insight Two

Generally, the higher the house price, the fewer votes went to left wing parties vs. right wing parties. I found this by looking at the Madrid overall data for the “Relation between 2015 house prices and votes to the 4 main parties...” section. You can see for example in the first section, which covers the left-most party (Ahora Madrid), the neighborhoods where housing prices were higher, such as Castellana and El Viso, voted at a lower rate for that party vs. the neighborhoods where housing prices were lower, such as Numancia.

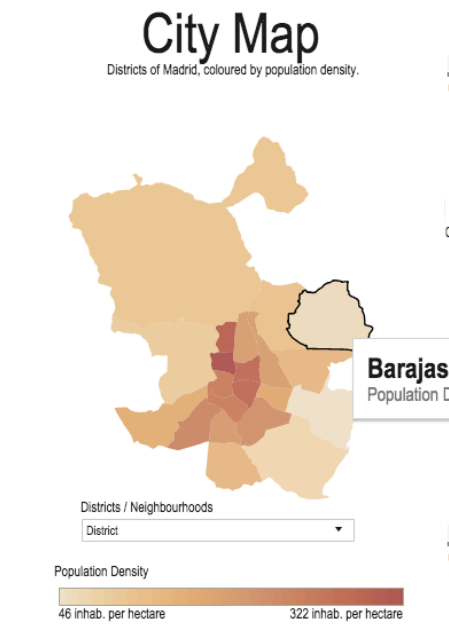


Insight Three

The district of Barajas has a higher than expected number of cars per 100 inhabitants in relation to housing prices. I found this by selecting the District view option and looking at the “Relation between house prices ... and passenger cars” section.



If you look at the map, this makes total sense since Barajas is one of the outermost areas.



Source for all insights: Madrid in Detail by Pablo Saenz de Tejada, located at <https://public.tableau.com/en-us/s/gallery/madrid-details?gallery=featured>.