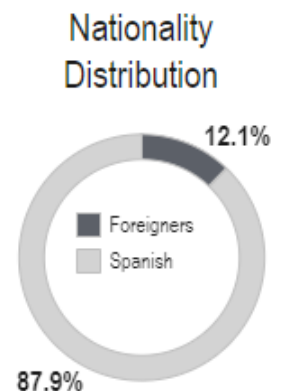Hassan Silvera

Business Analytics Nanodegree
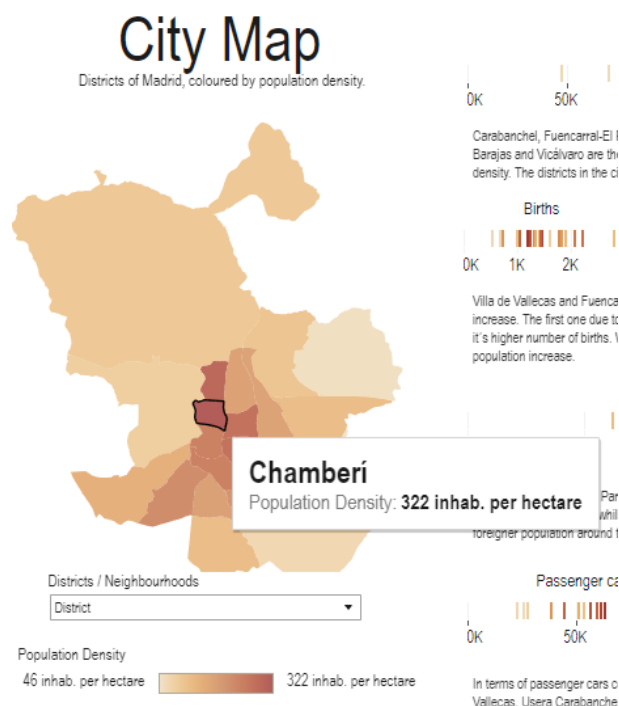
OneTen Scholarship Program

August 11, 2023

Project: Working with Data

In Madrid, Spain, there are significantly more Spanish citizens than foreigners (immigrants). This can be found in the pie chart titled "Nationality Distribution" on the left side of the dashboard. From this data, I can infer that there is a strict immigration system in Spain. The Spanish population is almost 90% while the Foreigner population is at least 10% of Madrid.

Nationality Distribution

12.1%

■ Foreigners
☐ Spanish

87.9%

The district with the highest population density is Chamberi. The information can be found by hovering the mouse over to the district with the darkest shade of brown, which will display that Chamberi has a population density of 322 inhabitants per hectare. I came to this conclusion after comparing this district with the rest of the districts of Madrid. Chamberi is also one of the smallest districts located near the center of Madrid, next two districts with high population density (Tetuan and Salamanca respectively).

City Map
Districts of Madrid, coloured by population density.

0K   50K

Carabanchel, Fuencarral-El
Barajas and Vicálvaro are the
density. The districts in the ci

Births

0K   1K   2K

Villa de Vallecas and Fuenca
increase. The first one due to
it's higher number of births. V
population increase.

Chamberí
Population Density: **322 inhab. per hectare**

foreigner population around t

Districts / Neighbourhoods

District

Population Density
46 inhab. per hectare ░░░▒▒▓ 322 inhab. per hectare

Passenger ca

0K   50K

In terms of passenger cars o
Vallecas. Usera Carabanche

In Madrid, Spain, the district, Villaverde, has the lowest prices in the housing market in the year 2015. I found this data by hovering the mouse over the bar labeled "Villaverde" in the bar and line graph titled "Relation between house prices (€/m2) in 2015 and passenger cars per 100 inhabitants". The info revealed that Villaverde has an average secondhand housing price of about 1,275 euros per square meter which is the cheapest among all the districts of Madrid, Spain.

Relation between house prices (€/m2) in 2015 and passenger cars per 100 inhabitants

Villaverde
Avg. Second hand housing price: **1,275**
Cars per 100 inhabitants: **35.64**
Population Density: **121 inhab. per hectare**