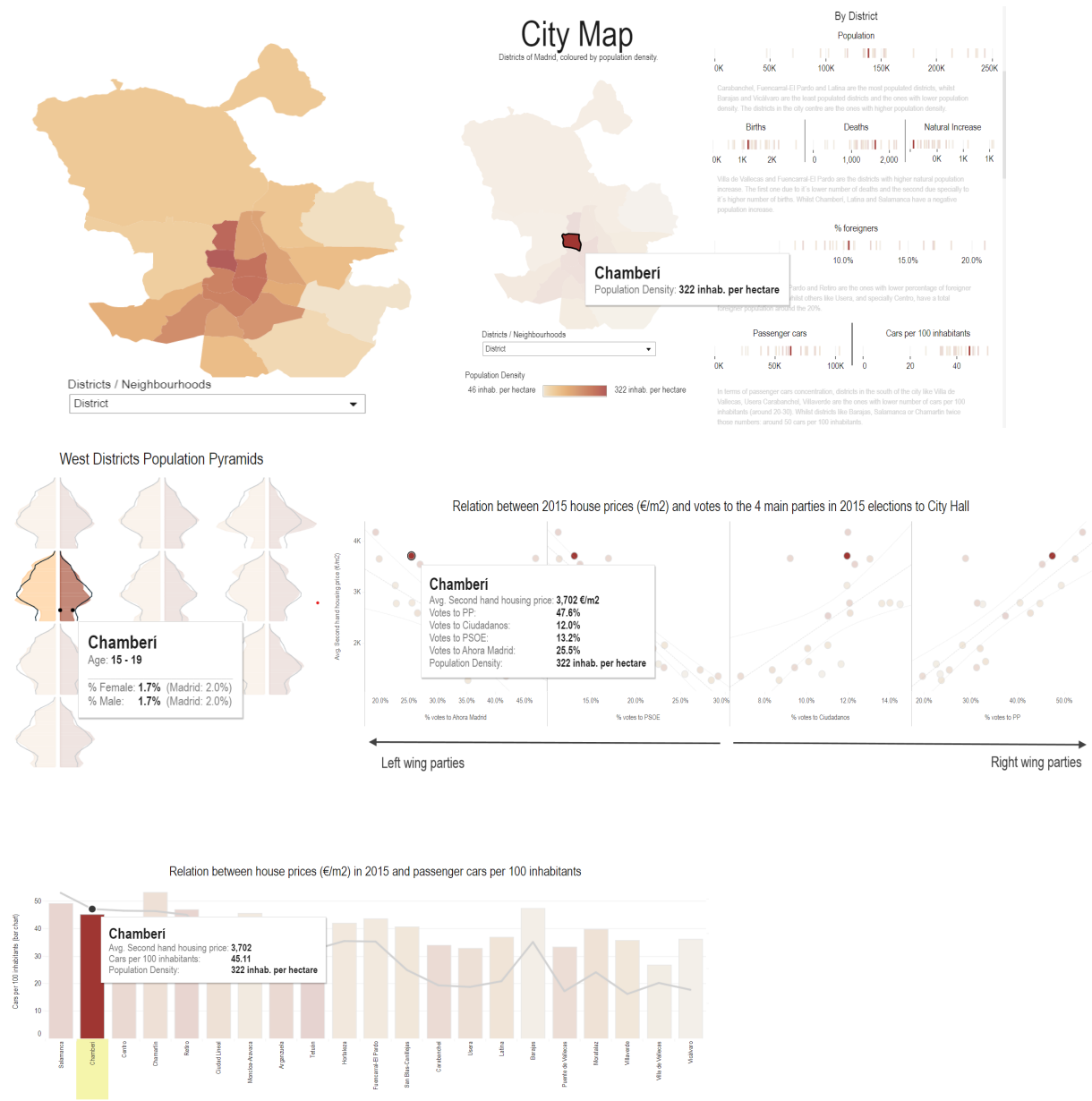# INSIGHT 1: CHAMBERI DISTRICT
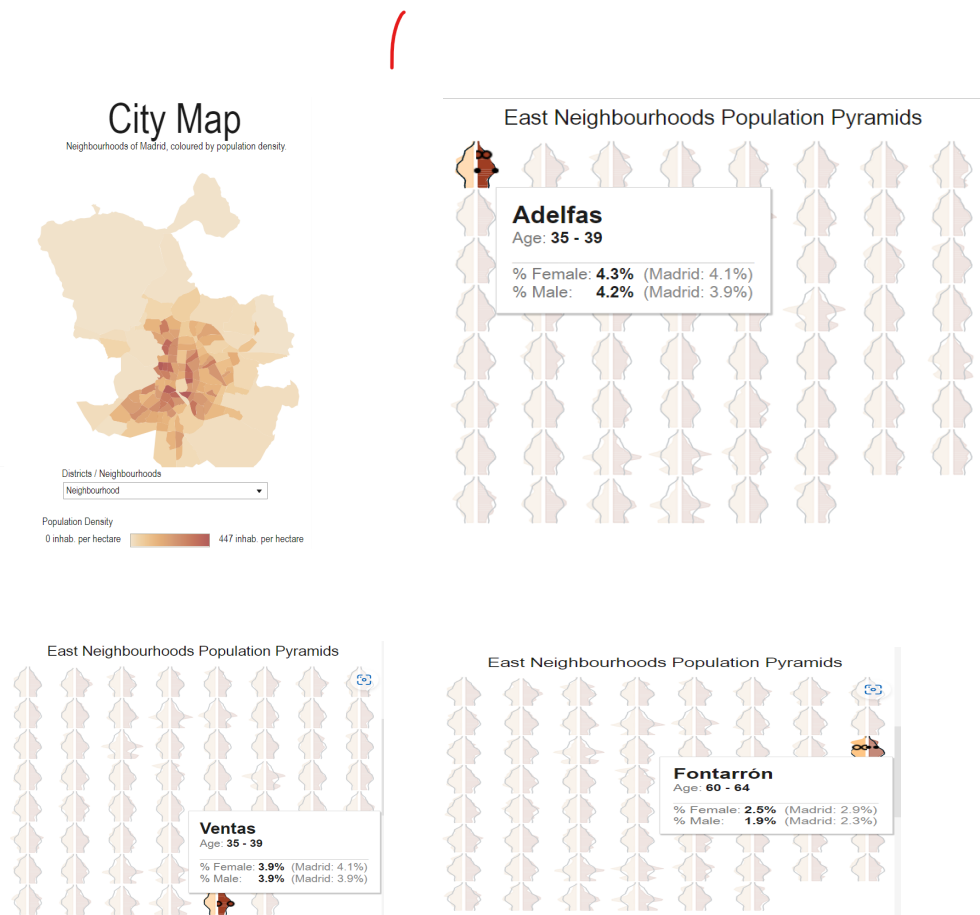
I have chosen the district option on the city map.I went through the map and then I chose CHAMBERI district which has the highest population density with 322 inhabitants per hectare.It has a population of 1,38,201 and the number of births and deaths are 1,171 and 1,614 respectively.The percentage of immigrants is 10.4%.The number of passenger cars is 62,349 that means 45.11 cars per 100 inhabitants. The Chamberi is shown under the West District Population Pyramid.Between the age group 85-89 the percentage of females is 2.3% and males is 0.9%.By observing different age groups in the pyramid,I came to the conclusion that the percentage of females is more compared to the males but there is an exception,at the age of 15-19 the percentage of females and male is the same which is 1.7%.

The above graph shows relation between house prices and votes to 4 parties in election to city hall held in 2015.The average second hand house pricing is 3,702 euros per square meter.The right wing party PP has the highest percentage of votes which is 47.6%. The bar chart represents the relation between house pricing and passenger cars per 100 inhabitants. The Chamberi comes under one of the districts with a large number of passenger cars(45.11) per 100 inhabitants.

## INSIGHT 2 : EAST NEIGHBOURHOOD POPULATION PYRAMID

I have chosen the neighbourhood option on the city map. I have randomly chosen three neighbourhoods from the east which are ADELFAS,VENTAS and FONTARRON which has a population density of 280,148 and 172  inhabitants per hectare respectively.Pyramid goes from younger(down) to older(up).Black outer layer(line) is overall distribution of the madrid where cream represents females and brown represents males of the neigbourhood distribution.I have considered two age groups which are 35-39 and 60-64.For overall madrid the distribution percentage of females is 4.1% and 2.9% and males is 3.9% and 2.3% at age groups of 35-39 and 60-64 respectively.For age groups of 35-39, the percentage of females is 4.3%,3.9%,3.8 to males is 4.2%,3.9%,3.6% of adelfas,ventas and fontarron neighbourhoods respectively.For age group 60-64,the percentage of females is 4.2%,2.7%,2.5% to males is 2.9%,2.1%,1.9% of their respective neighbourhoods. The distribution percentage of females to males is same for ventas for the age group of 35-39.

# INSIGHT 3: BAR CHART

The bar chart representing passenger cars per 100 inhabitants and the line chart representing the house prices.Recoletos has the highest housing price which is 5,843 euros per square meter.San Christobel has the lowest second hand housing price which is 925 euros per square meter.El Viso has the highest number of passenger cars per 100 inhabitants which is 68.30.Casco Historico De Vallecas has been the least one to have 20.68 passenger cars per 100 inhabitant compared to all other neighbourhoods.



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

**Recoletos**
Avg. Second hand housing price: **5,843**
Cars per 100 inhabitants: **68.12**
Population Density: **177 inhab. per hectare**



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

**El Viso**
Avg. Second hand housing price: **4,545**
Cars per 100 inhabitants: **68.30**
Population Density: **100 inhab. per hectare**



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

**Casco Histórico de Vallecas**
Avg. Second hand housing price: **1,435**
Cars per 100 inhabitants: **20.68**
Population Density: **16 inhab. per hectare**



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

**San Cristóbal**
Avg. Second hand housing price: **925**
Cars per 100 inhabitants: **25.14**
Population Density: **140 inhab. per hectare**