

**Interpret data visualizations  
and explain my insights about  
Madrid**

**submitted by Atheer  
Alhabeeb**

## **Future Seekers - Business Analytics Nanodegree Program**

### **The first project**

This report will focus on Madrid, which is the capital of Spain and the third largest city in Europe after London and Berlin. Madrid is an important and essential financial center for southern Europe in particular, as it is ranked seventeenth for the most livable city. Of course, the discussion about the total area of the city of Berlin links us to several questions about the inhabitants of this city.

In general, Madrid has a large urban agglomeration, as it has the third largest GDP in Europe, with an estimated population of 3.18 million people. (This can be seen by clicking on dashboards Madrid in Detail, which showed the total population on the left of the page).<sup>1</sup>

When comparing the population of Madrid by neighborhood, the results show that the Casco Histórico de Vallecas has the highest percentage of the population (77,720). From that dashboard, I clicked on the box below the city map to select the residential neighborhood, then go to the top right of the page under the population column as shown in the second appendix<sup>2</sup>.

The results also showed that Atocha is the lowest in terms of population (1,111). From the previous dashboard, this can be found, by clicking on the box below the city map to select the residential neighborhood, then head to the top right of the page under the population column as shown in the third appendix.<sup>3</sup>

Consequently, the total population of these two residential neighborhoods of Madrid constitutes about 78,831 thousand people out of 3.18 million people.

## **Appendix**

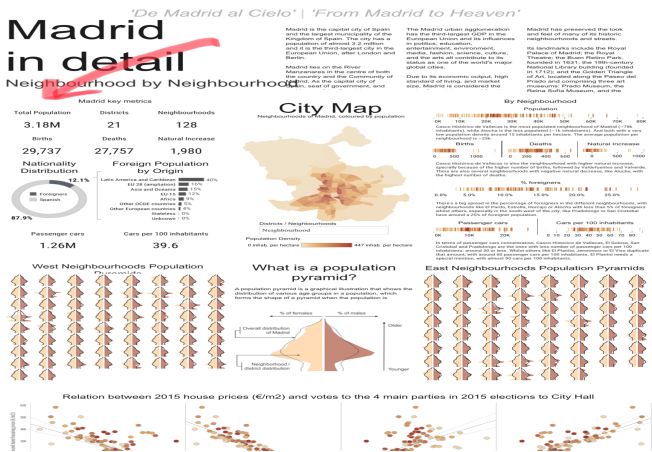
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<sup>1</sup> Appendix 1

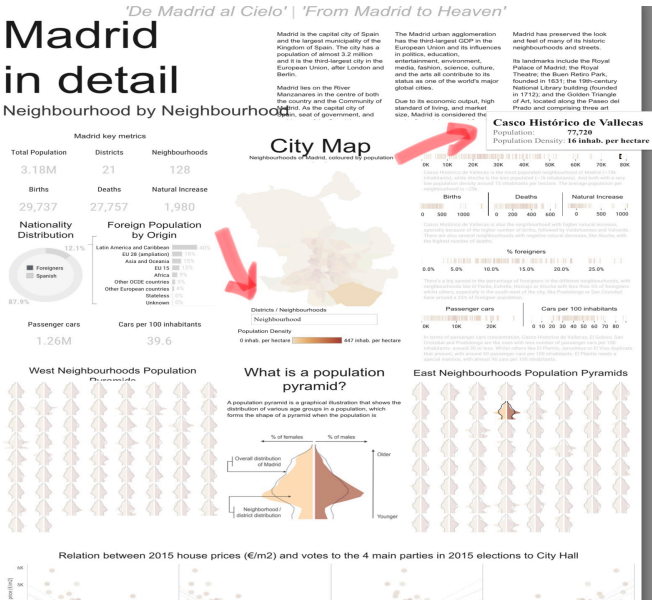
<sup>2</sup> Appendix 2

<sup>3</sup> Appendix 3

Appendix 1



Appendix 2



Appendix 3

