First Project :Data Visualization

1. Malaria in Africa

Deaths per year due to malaria have declined slightly from 2000 to 2014.The highest death was recorded in 2004. From the Tableau dashboard by clicking Ethiopia and hovering the cursor, Figure 1 below shows the average deaths due to malaria in Ethiopia from 2000 to 2014 were about 1,370 every year and 3.75 every day .In 2013 and 2014 it shows a significant decline deaths due to malaria. The average deaths due to malaria in Ethiopia is approximately similar with the rest of African average deaths of 1,303 due to malaria.
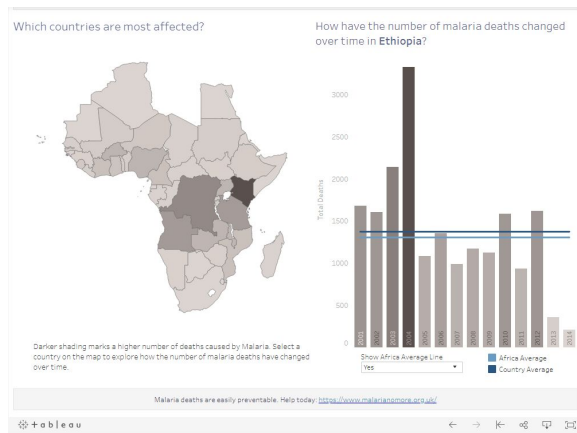

Figure 1 Deaths due to malaria in Ethiopia.

2. Madrid In Detail

Neighbourhood by neighbourhood from the Tableau dashboard was used and La Paz was selected by clicking it from the Figure 2. The average 2nd hand housing price was 2,930,car per 100 inhabitants was about 59 and 158 inhabitants per hectare in population density was recorded in 2015.
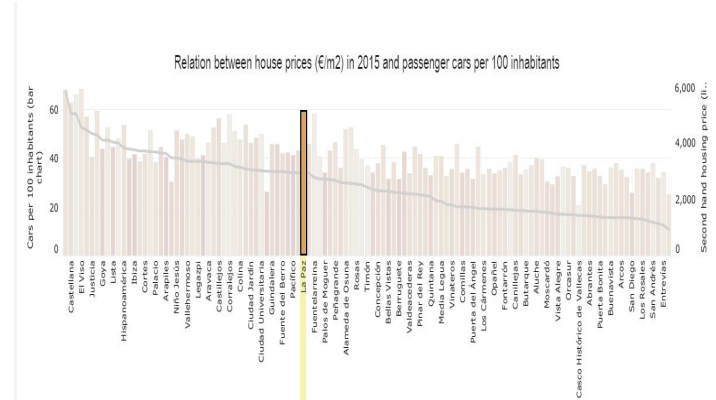
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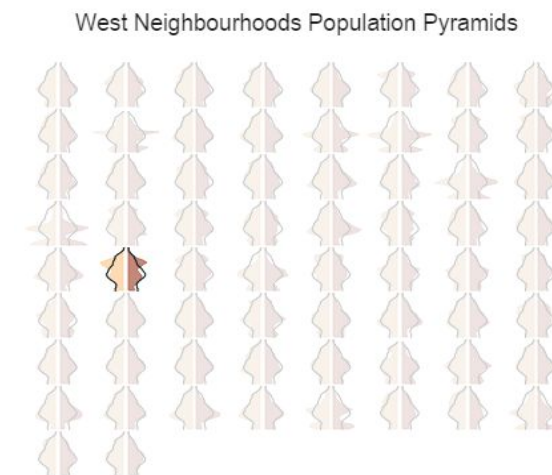Figure 2 Relation between house prices (€/m2) with neighborhood.

Figure 3 La Paz neighborhood pyramid.

La Paz is located in the west neighborhood of Madrid with a population size of 34,132. Population age between 65-69 is higher and there tends to be more females than males where 5.6% females and 4.7% males.The average percentage of females and males inhabitants are higher than from Madrid.The number of foreigners spread in the neighborhood was 4.6%. Hovering the cursor from dashboard on Figures 3 and 4 it can be found other information like passenger car is 20,137 and car per 100 inhabitants is 59. Unfortunately, there is no data for births,deaths and natural increase.
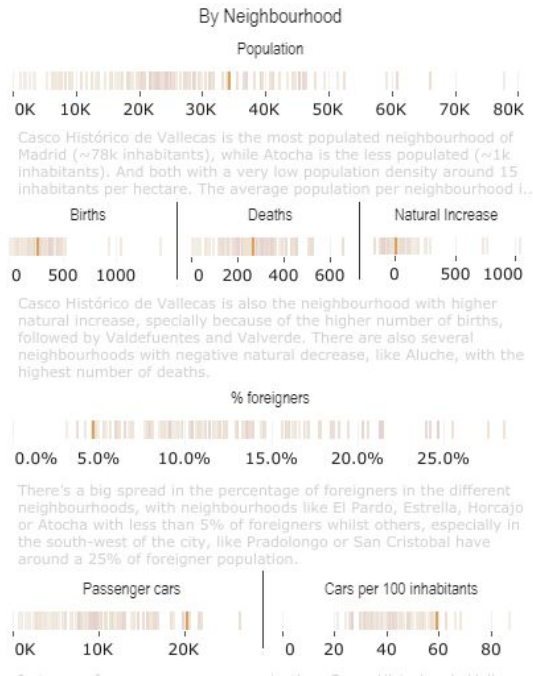
Figure 4 La Paz population distribution.

From Figure 5 below relation between average housing price in La Paz neighbourhood for 4 parties are: PP 43.2%,Ciudadanose 12.9%,PSOE 17.6% and Ahora Madrid 25.1%.
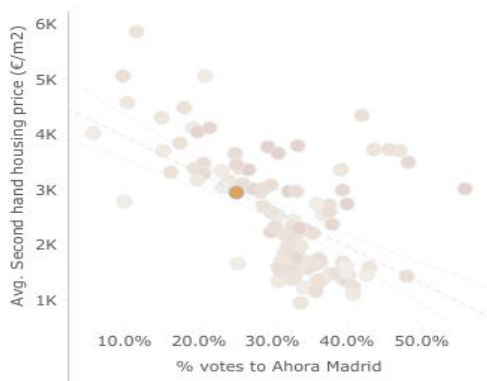

Figure 5 Relations between housing price and vote parties.

3. Linkedin Top Skills

From countries ranking by skills linkedin in 2016 below Singapore was selected. From Fig 6. Singapore is ranked 1st in cloud and distributed computing out of 50 countries and 2nd in SEO/SEM marketing with higher than global average rank.Singapore also listed 8th in network and information security with lower global average rank.
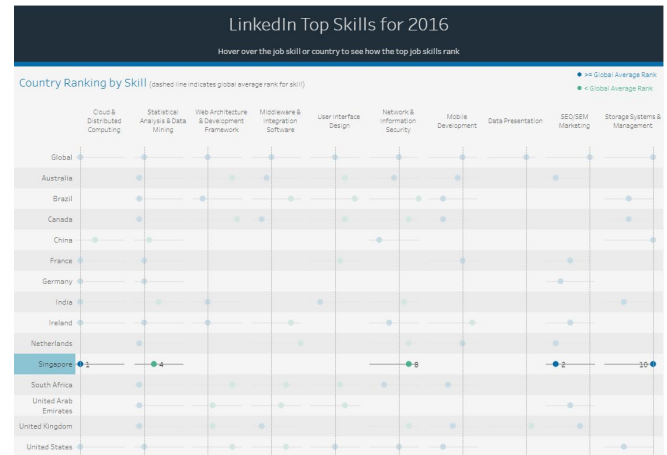

Figure 6 LinkedIn top skills for 2016.

References:

Malaria Deaths in Africa: 2000-2014

https://public.tableau.com/en-us/s/gallery/malaria-africa?gallery=featured

Madrid in detail

https://public.tableau.com/en-us/s/gallery/madrid-details?gallery=featured

LinkedIn Top Skills 2016

https://public.tableau.com/profile/matt.chambers#!/vizhome/LinkedInTopSkills2016-MakeoverMonday/LinkedInTopSkills2016-MakeoverMonday