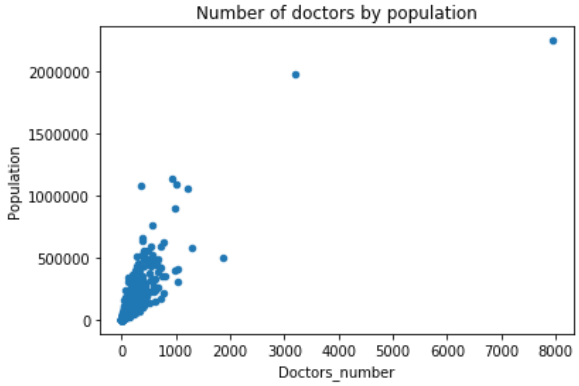
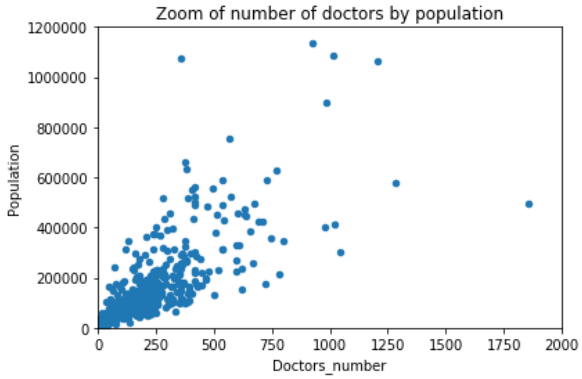
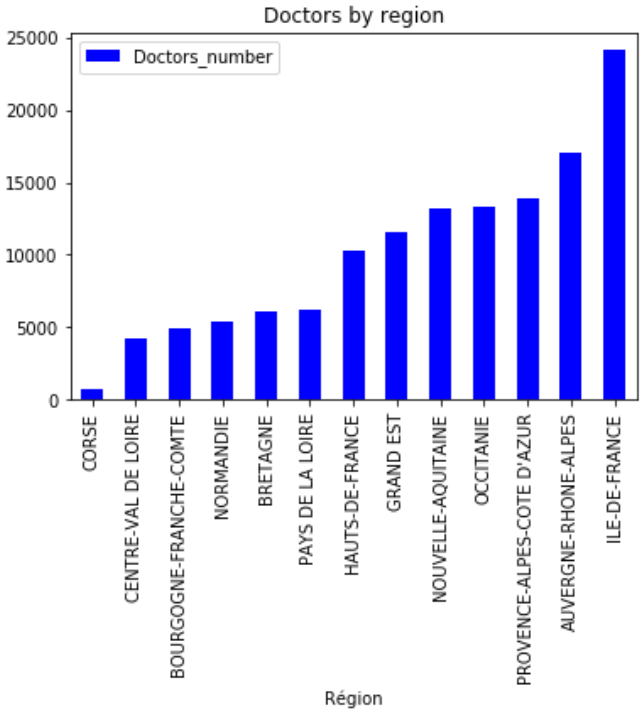
Capstone Project 1: Data Storytelling

The plots represent the number of doctors according to the population (using the dataset with the first digits of zip codes). The second plot is only a zoom of the first one without both outlier values. They seem to show a correlation between the number of doctors and the population.

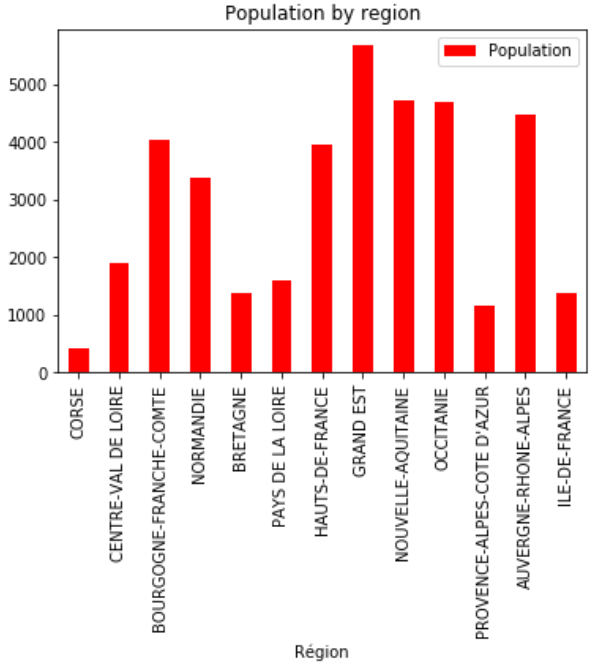




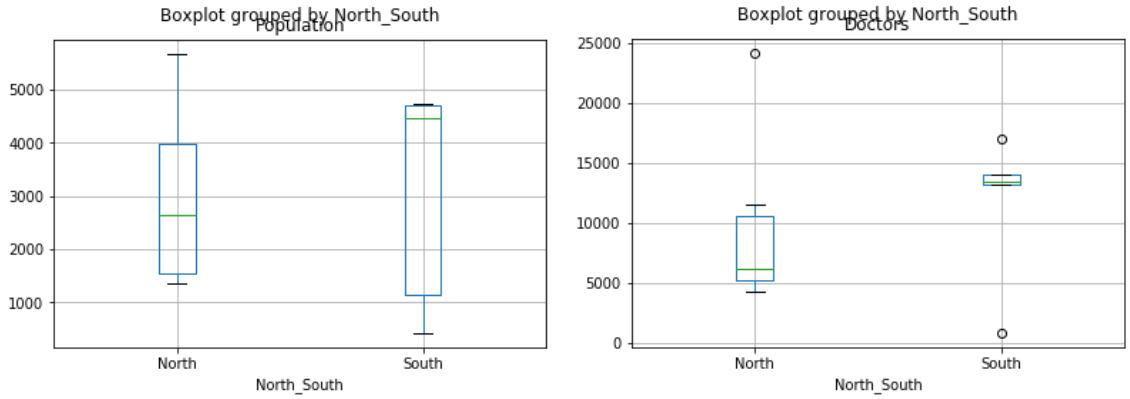
The plot shows the number of doctors for each region of the France. The values are presented in ascending number. We saw a very little number of doctors in Corse which can be explain by the fact that the Corse a little island near to the France. The biggest number of doctors is in Ile-de-France which the capital of the France.



The next plot represents the population for each region of the France. Each region is presented in the same order than the previous plot to compare them. It seems that the population don't follow a similar distribution than the number of doctors.



The following plots show the population (first plot) and the number of doctors (second plot) according to the location of the regions (in the north or in the south of the France). It seems there is a lot of more doctors in the regions located in the south of the France.



The following plots show the repartition of each general practitioners (first plot) and each dentists (second plot), the two most numerous doctor specialties, for each region (presented in the same order

than the previous plots). We can see they seem following the same repartition as the number of all doctors.