Stats Lab Homework 4

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Your homework assignment this week is to replicate the output of the function I displayed in class, except it should run on the "AllCountries" data set. In particular your function should:

1. Accept 2 columns and 2 boolean values as input

2. It should plot the data in the 2 columns as a scatter plot

3. If the first Boolean value is true, you should apply jittering on the x-values.

4. If the second Boolean value is true, you should apply jittering to y-values.

In addition you will:

1. Plot the population of all countries against their military size.

2. Filter out the outliers so that the population v. military size plot better shows the relationship for all countries. Turn in both the filtered and unfiltered plots. (Visually determine outliers and determine a value to filter points at based on the plot from part 2)

You should be turning in two plots and the code. I also would like you to leave a comment with your submission explaining why or why not you included jitter in the two plots.