Please complete the following exercises in either Python or R. We know that your time is valuable so we aim for these exercises to take no more than an hour. You will have one week to complete this assessment.

1. **IFF is in the middle of fundraising season and is looking for potential donors.** Please write a script in Python/R that extracts the data of the wealthiest charitable foundations from this Wikipedia page: <https://en.wikipedia.org/wiki/List_of_wealthiest_charitable_foundations> and exports the output of the dataframe into a csv (please make sure to include all of the columns except **Endowment in Home Currency** and **References**). Paste the script below.
2. **Our CEO is excited about the list of potential donors located in the US and wants to see where they are located.** Create a script in Python/R that takes the previous table and joins it to the **attached** *uscities\_csv*file, and create a map with the following:
   1. Each organization in the US placed on the map according using the latitude and longitude in the data (there should be 30 in total)
   2. The size of the points of the map should be set according to the size of the endowment (i.e. bigger endowments should be bigger and smaller endowments should be smaller)
   3. Each point should be a different color (at least 5 different colors in total) The end result should look something like the following: A map of the united states

      Description automatically generated
   4. Paste the script below.
3. **The CEO has requested the donor list again, but this time limited only to states that IFF is currently located in.** Please provide an updated script in Python/R that filters the data in question 1 to only include rows that are located in current IFF markets and export the output of a dataframe into a csv. Paste the script below.