

Exercises

Challenge 1

Find and print out all academic positions that appear in leaders' prior experience (e.g. professor, dean, college instructor).

Challenge 2

After finding the academic positions, instead of replacing them with a common term (which means we lose more specific information), try adding a new variable with a 1 if there is an academic position in the leader's list of prior experiences, and 0 otherwise.

(HINT: In the csv file format, this means you'll need to add a comma followed by a 0 or 1 at the end of each line.

Try adding ,0 to the end of each line, then go through and change the 0 to a 1 if there's an academic position in the line. Be sure to capture and keep the rest of the text on the line as-is. In Python or R, you'll want to add a new column or new cell to each row.)

Challenge 3

Change the dates to a different format. Things you might want to do:

- You might only want two numbers for the year, to match with other data you have (e.g. from 1/15/2000 to 1/15/00)
- You might want to add a zero in front of a single-digit month or day, to make the date a standard length (e.g. from 1/15/2000 to 01/15/2000)
- When working with information for or from foreign countries, you might want to swap the month and day numbers (e.g. from mm/dd/yy to dd/mm/yy).