

Problem Set #7

ECON 815, Prof. Jason DeBacker
Due Tuesday November 14, 1:15 p.m.

This problem set will have you apply what you learned about APIs and web scraping tools.

Please use Python (or R) to gather data from the web. Try to find something that is of interest to you for a research project (but this is not necessary). You may use a web scraper or API (just don't use the `pandas-datareader` to read FRED data as we did in class). Once you have your data, use them to present some empirical relationship. You may use a table, figure, or econometric model to do this. Your grade will be based on:

1. Your ability to interpret and describe the relationship(s) in your data that you highlight.
2. The accuracy, efficiency, and reproducibility of your code.

You will submit your problem set by pushing the files to your GitHub repository that you created from forking the repository for this class. You will put all files for the problem set in the path `/CompEcon_Fall2017/ProblemSets/ProblemSet7/`. These files will include:

1. At least one `*.py` (or `*.R`) script that gathers data from the web.
2. A pdf compiled in TeX that includes tables/figures describing your data and text to describe your data and what relationship(s) you focused on.

Please name your pdf "ProblemSet7_LastName.pdf".