

Comp Econ Homework Set 3

Date 19 Feb 2016

Due Date: 25 Feb 2016

The file `company_list.csv` in the `hw_set3` directory contains a list of companies, including ticker symbol, name and market capitalization. Write a program that obtains the daily percentage change in the share price of each of these companies by sending a query to the the Yahoo finance API. See

http://www.jarloo.com/yahoo_finance/

For some hints on how to do that.

Generate a scatter plot of absolute value of percentage change against market capitalization. Are lower cap stocks more volatile according to this measure?

The rules of the game are that only these import statements are legal:

```
import matplotlib.pyplot as plt
import requests
import re
```

Also, the percentage change in prices must be obtained live, when the program is run (assuming a working Internet connection).

Submit your work as a Jupyter notebook that contains the program and the resulting figure. You are free to collaborate but should submit your own work.