*The following 5 sections correspond to the 5 items detailed on the bSpace assignment.*

1. I did not encounter any difficulties finding all the objects I needed to replicate your work. Scraping the data directly from the Internet is a fantastic way to streamline all of your work and make everything easily reproducible—there’s no fighting with CSV files. However, what happens if these websites change? It might be a good idea to save off local versions of the data with which you’re working, just to ensure that you can always do your analyses even withstanding changes to the websites (which will inevitably happen sooner or later).
2. Your IPython Notebook is generally easy to follow—I found the small headings in Markdown very helpful for giving me an idea of the general trajectory of your project. I would suggest that you perhaps include some additional comments into your code cells themselves; you’re a little lacking there, and if someone needed to edit your code, then the lacking of more detailed commentary explaining certain steps could pose a problem. That being said, the headings did help, and you had a lot of small cells (which were effective at separating the different steps).

I think your test suite is less effective. As Victoria said in class, the testing suite is really a separate entity from the codebase itself. Why did you choose to include your tests in your main IPython Notebook? And why did you choose not to use the Nose testing module? Having everything jumbled together makes it hard to differentiate test from main code (in fact, on a casual skim of your notebook, I didn’t even notice the tests at the end), and then I had to run and analyze all of the tests manually. All of your tests passed without error, which is certainly good, and I thought the test to randomly pull a stock and make sure that it matched the dataframe was particularly useful to check the “black box” process of scraping Internet data. One other tip is perhaps you can write/adjust some tests that take inputs of dummy data, such as a matrix of all zeroes or something, and test that some code (perhaps your code to calculate daily returns) is accurate (with all zeroes, I would gander that the daily return would also be zero, right? That should make testing easy).

1. I didn’t have any issues creating your figures and tables, though I can’t really comment as to whether I replicated them effectively as I do not have your midterm report/presentation slides. Overall, I would say to focus a bit on the annotations. Sometimes your axis labels are hard to follow
2. Which parts did you find especially good and/or useful?
3. How would you suggest he or she improve her work overall? (this could be commentary on statistical analysis, process, communication, presentation, or other factors) Remember this notebook is not a final writeup, but the analysis is understood to be complete.