Resources for Continued Learning

1. Lessons:
   - Shell: https://swcarpentry.github.io/shell-novice/
   - Git: https://swcarpentry.github.io/git-novice/
   - Gapminder:
     - Python: https://swcarpentry.github.io/python-novice-gapminder/
     - R: http://swcarpentry.github.io/r-novice-gapminder
   - Other Carpentry Lessons: http://software-carpentry.org/lessons/
2. SWC Reference (Includes Summaries of Basic Commands):
   - Shell: https://swcarpentry.github.io/shell-novice/reference/
   - Git: https://swcarpentry.github.io/git-novice/reference/
   - Gapminder
     - Python: https://swcarpentry.github.io/python-novice-gapminder/reference/
     - R: http://swcarpentry.github.io/r-novice-gapminder/reference/
3. Additional Resources
   - Shell:
     - Cool website that can dissect your shell commands (super useful for troubleshooting): http://explainshell.com/
   - Python:
     - Python documentation: https://www.python.org/doc/
     - List of python tutorials: https://www.fullstackpython.com/best-python-resources.html
     - Python floating point Issues and Limitations: https://docs.python.org/3/tutorial/floatingpoint.html
4. Python and R:
   - Code Academy: https://www.codecademy.com/
   - Code: http://code.org
   - Lynda.com: https://www.lynda.com/portal/sip?org=lawrence.lib.ks.us
   - Udacity: https://udacity.com
5. Git/GitHub:
   - Guide to Markdown on Github: https://guides.github.com/features/mastering-markdown/
   - Intro to Github work flow: https://guides.github.com/introduction/flow/
   - Forking projects on Github: https://guides.github.com/activities/forking/
     - perks: Students are eligible for a free Github education account (unlimited private repositories) https://education.github.com
6. Plotting:
   - What chart do I use? http://extremepresentation.typepad.com/blog/2006/09/choosing_a_good.html
   - Pandas visualization examples: http://pandas.pydata.org/pandas-docs/version/0.18.1/visualization.html
   - Matplotlib visualization examples: http://matplotlib.org/gallery.html
7. Library(package) documentation:
   - matplotlib: http://matplotlib.org/
   - pandas: http://pandas.pydata.org/

8. Cheatsheets:
   - Pandas: https://github.com/pandas-dev/pandas/raw/master/doc/cheatsheet/Pandas_Cheat_Sheet.pdf
   - ggplot2: http://www.rstudio.com/wp-content/uploads/2015/03/ggplot2-cheatsheet.pdf
9. Other:
   - A comparison of several text editors for coding: https://developer.mozilla.org/en-US/docs/Learn/Common_questions/Available_text_editors
   - What programming language is right for you: http://www.bestprogramminglanguagefor.me/
10. Light Reading:
   - https://www.bloomberg.com/graphics/2015-paul-ford-what-is-code/