Setting Up Your Machine for the Data Science 5k

* Anaconda
  + Anaconda is an open source data science package that pulls together most of the commonly used tools and libraries we’ll be using to analyze data in this course, including Python and Jupyter Notebooks
* Atom
  + Atom is a text editor, used to write code for your programs. Text editors are helpful in the same way that document programs (like Microsoft Office) are helpful – they highlight parts of your code and help spot any errors
* Git
  + Git is a version control system that logs your code and can be used to backup projects. It’s useful for collaboration and can eb used to manage and merge different versions of your work
* Github
  + Github is an online platform that attempts to simplify and build on the version control functionality provided by Git.
  + Github allows you to store your code in an easily accessible online interface and provides a visual interface to manage your versions or collaborate with others. Github is also a social community.
  + In this class, we'll use a private version called Github Enterprise that is run on GA's own servers.
* Jupyter Notebooks
  + Jupyter Notebooks are a tool used to write, run, test, visualize, and share data analysis and data science work.
  + Notebooks are an open source tool, built and maintained by a community of passionate programmers who want to make it easier for everyone to work with data