GitHub Cheat Sheet

Econ 213R - Applied Machine Learning

What is GitHub?

- Explain idea of GitHub

- Define "repository"

- Define "fork", "clone", "commit", "push/pull"

- Explain what a README is

Register for GitHub

First, you need to make an account with GitHub. Go to `www.github.com`. Sign up from the home page with any email and username you want. Follow the initial signup steps. Note that private repositories require monthly payments; however, you can have an unlimited number of public repositories for free. Once you are done signing up, you are ready to create and fork repositories.

Creating Repositories

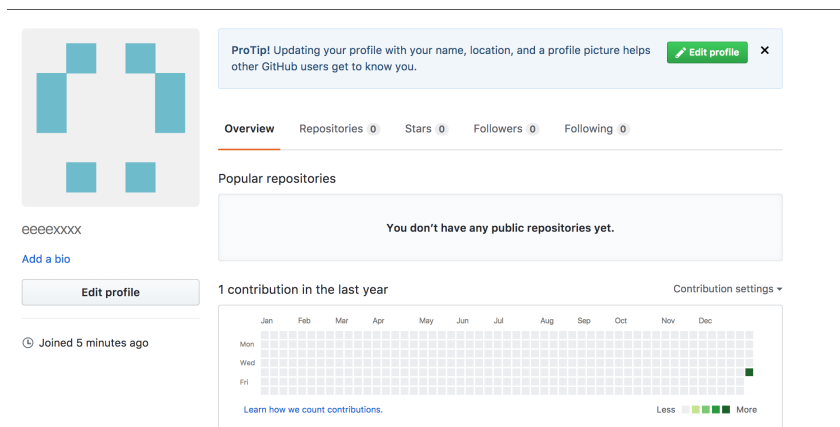Navigate to your GitHub profile. It should look something like Figure 1.

Figure 1: Profile Screen

Click the "Repositories" tab. Click the button that says "New" (see Figure 2).
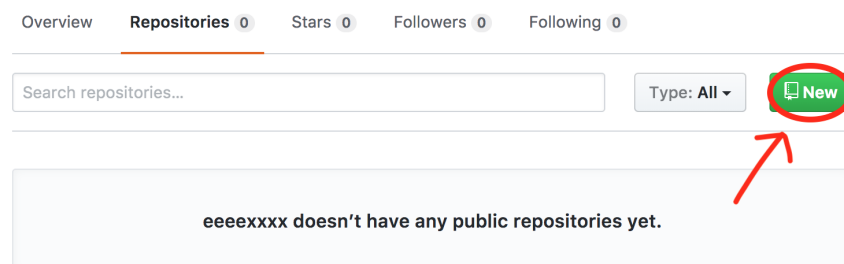

Figure 2: Repository Screen

Forking Repositories

Navigate to the class repository. The link is `https://github.com/tfolkman/byu_econ_applied_machine_learning`.

Using Command Line

Making Changes

Committing Changes

Pulling Changes

Using the Website

Downloading Files

Uploading Files