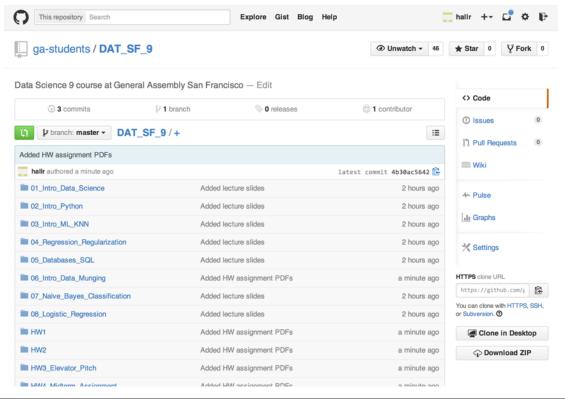


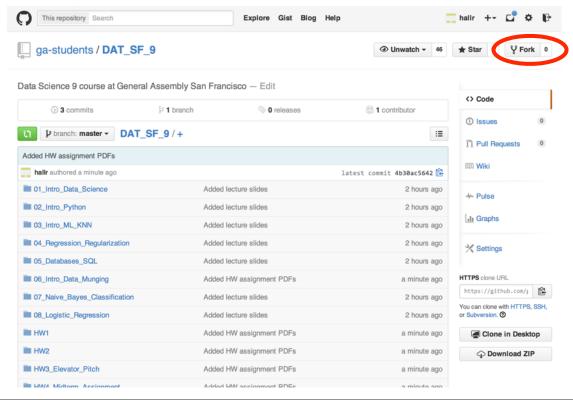
INTRO TO DATA SCIENCE LECTURE 10B: GITHUB SETUP

Rob Hall DAT9 SF // September 11, 2014

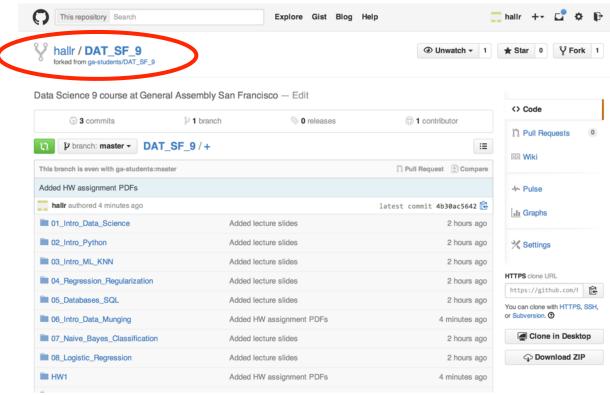
In your browser, go to: https://github.com/ga-students/DAT_SF_9



Fork this repo to your own Github account

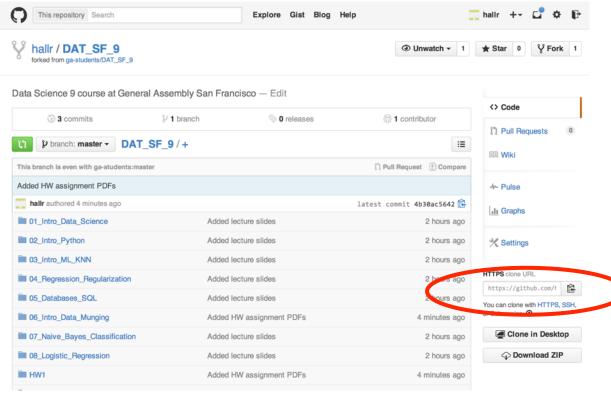


You should see a fork under YOUR Github account:



- Next, we will clone your newly forked repo to your local machine.
- 1. Navigate to your GeneralAssembly directory (under which we will be doing all of our work). Create this on your desktop if you want.
- 2. cd into that GeneralAssembly directory.
- 3. Copy the clone url for the repo from its Github page.

To copy the clone URL:



- Next, we will clone your newly forked repo to your local machine.
- 1. Navigate to your General Assembly directory (under which we will be doing all of our work). Create this on your desktop if you want.
- 2. cd into that GeneralAssembly directory.
- 3. Copy the clone url for the repo from its Github page.
- 4. Back in the terminal, type git clone and then paste the clone url:

git clone https://github.com/<YOUR USERNAME>/DAT SF 9.git

5. Your forked repo will download to your local machine.

Next, we will create a link to the instructor repo so that you can easily get the latest course materials:

1. In the terminal, add an "upstream remote" by typing:

git remote add instructor https://github.com/ga-students/DAT_SF_9.git

2. Verify that we have successfully added both remotes by typing:

git remote -v

Next, we will create a link to the instructor repo so that you can easily get the latest course materials:

1. In the terminal, add an "upstream remote" by typing:

git remote add instructor https://github.com/ga-students/DAT_SF_9.git

2. Verify that we have successfully added both remotes by typing:

qit remote -v

3. Now, let's test. I will add new files to the remote. Then you pull them down using:

git pull instructor master

To post files to your forked repository on Github:

- 1. Copy your homework iPython notebook file that you submitted for HW1 to your cloned Github repo in the HW1 directory.
- 2. Now type:

```
git status
```

3. To add the file to the staging area, type:

```
git add <filename>
```

4. Again, type:

```
git status
```

To post files to your forked repository on Github:

5. Next, commit the files you just added to the staging area by typing:

qit commit -m "Adding HW1 submission"

6. Now type:

git status

7. To push your commits up to your Github account (in the cloud):

git push -u origin master

Now, refresh your forked repo on Github, and you should see your file!

