GIT SETUP!

0. INTRODUCTION
1. WHAT IS DATA SCIENCE?
2. THE DATA MINING WORKFLOW

LAB:
3. GITHUB & IPYTHON
4. Q&A

BASIC GIT CONFIG

1. Basic configuration of git:

```
# Set your username!
$ git config --global user.name "Your Name Here"

# Set your email address!
$ git config --global user.email "your_name@domain.com"
```

2. Check your configuration settings:

```
$ git config --global user.name
$ git config --global user.email
```

Go To: **HTTPS://GITHUB.COM/GA-STUDENTS/DAT_SF_16**

This repository	Search		Pull requests	Issues	Gist

ga-students / DAT_SF_16

⊙ Watch ▾ 63   ★ Star 0   ⑂ Fork 0

Description

Short description of this repository

Website

Website for this repository (optional)   **Save** or Cancel

<> **Code**

⊙ **4 commits**	⑂ **1 branch**	⬙ **0 releases**	⊞ **2 contributors**

① Issues   0

⑂ Pull requests   0

Branch: **master** ▾   **DAT_SF_16** / +

Update README.md ···

📖 Wiki

vanessaohta authored 14 hours ago   latest commit 60b7ce84c9

📄 README.md   Update README.md   14 hours ago

⩘ Pulse

▦ Graphs

Fork this repo to your own Github account
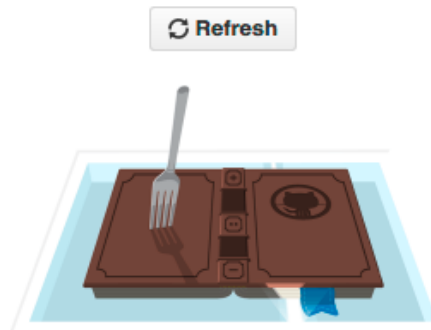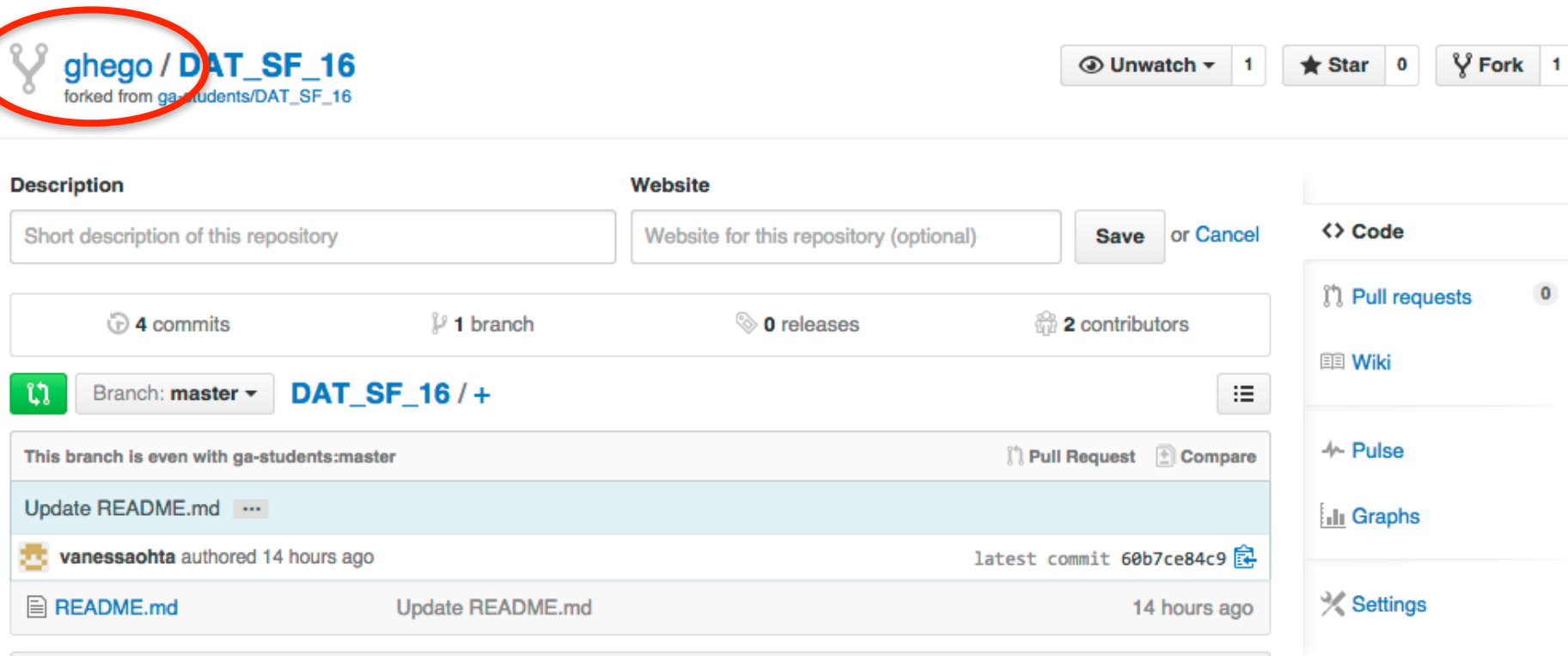
GITHUB SETUP FOR THE COURSE

You should see a fork under YOUR Github account

BASIC GIT CONFIG

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.

4. Back in the terminal, type:
```
git clone https://github.com/<YOUR USERNAME>/DAT_SF_16.git
```

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

BASIC GIT CONFIG

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_16.git
```

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

```
git remote -v
```

```
instructor   https://github.com/ga-students/DAT_SF_16.git (fetch)

origin   https://github.com/<YOUR USERNAME>/DAT_SF_16.git (fetch)

origin   https://github.com/<YOUR USERNAME>/DAT_SF_16.git (push)
```

To post files to your forked repository on Github:

1. Create a test file in the homework folder of your cloned Github repo. An empty text file will work for this.

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:

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

```
git commit -m "Adding test file"
```

2. Now type:

```
git status
```

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

```
git push -u origin master
```

DONE!