

Technical Setup

FOLLOW THESE
INSTRUCTIONS OR
ELSE!!!!

Anaconda and Python 3

- If anaconda != installed and if python 3! == installed
 - Go to <https://www.anaconda.com/download/> and install Python 3.6 for appropriate operating system
 - Take a look at this if you're on PC <https://medium.com/@GalarnykMichael/install-python-on-windows-anaconda-c63c7c3d1444>
- else
 - print ("Anaconda and python 2 installed")

Jupyter Notebook

- If Jupyter notebook != installed and anaconda == installed:
 - `pip install jupyter`
- To confirm you have jupyter notebook installed, run “jupyter notebook” from command line/terminal
- Test out JN at <https://try.jupyter.org/>

GIT

- If GIT != installed:
 - Follow these instructions <https://git-scm.com/book/en/v2/Getting-Started-Installing-Git>
 - Or these instructions, whichever you may prefer <https://www.atlassian.com/git/tutorials/install-git>

Class repo instructions

- Go to class repo <https://github.com/ga-students/DS-SF-40>
- Click on the Fork button on the top right of the page
- Click on clone or download on the right
- Click on the little clipboard button, this will copy the GitHub repo link
- Open up terminal/command line and “cd” to the directory you wish to place the forked repo
- Type “git clone ” and past link and then enter hit
- This downloads the class materials.
- CD DS-SF-40 takes you inside the repo.

Repo instructions 2

Follow these instructions and use class repo link for number 3

<https://github.com/ga-students/DS-SF-40>

1 Open Terminal.

2 List the current configured remote repository for your fork.

```
$ git remote -v
origin  https://github.com/YOUR_USERNAME/YOUR_FORK.git (fetch)
origin  https://github.com/YOUR_USERNAME/YOUR_FORK.git (push)
```

3 Specify a new remote *upstream* repository that will be synced with the fork.

```
$ git remote add upstream https://github.com/ORIGINAL_OWNER/ORIGINAL_REPOSITORY.
```

4 Verify the new upstream repository you've specified for your fork.

```
$ git remote -v
origin  https://github.com/YOUR_USERNAME/YOUR_FORK.git (fetch)
origin  https://github.com/YOUR_USERNAME/YOUR_FORK.git (push)
upstream https://github.com/ORIGINAL_OWNER/ORIGINAL_REPOSITORY.git (fetch)
upstream https://github.com/ORIGINAL_OWNER/ORIGINAL_REPOSITORY.git (push)
```

Before class protocol

- CD into repo using terminal/command line
- Run “git fetch upstream”
- Type in your GitHub password.
- Run “git merge upstream/master”

Practice command line and GIT

- <https://www.codecademy.com/learn/learn-the-command-line>
- <https://try.github.io/levels/1/challenges/1>
- <https://www.youtube.com/playlist?list=PL5-da3qGB5IBLMp7LtN8Nc3Efd4hJq0kD>
- <http://product.hubspot.com/blog/git-and-github-tutorial-for-beginners>
- <https://readwrite.com/2013/09/30/understanding-github-a-journey-for-beginners-part-1/>
- <https://blog.udacity.com/2015/06/a-beginners-git-github-tutorial.html>
- <https://www.youtube.com/watch?v=0fKg7e37bQE>

Checklist

- Anaconda and Python 3 installed
- Jupyter notebook installed
- Git installed
- Repo cloned and remote functionality added