**Create a repo**

**A new repo from scratch**

Say you’ve just got some data from a collaborator and are about to start exploring it.

* Create a directory to contain the project.
* Go into the new directory.
* Type git init.
* Write some code.
* Type git add to add the files (see the [typical use page](https://kbroman.org/github_tutorial/pages/routine.html)).
* Type git commit.

**A new repo from an existing project**

Say you’ve got an existing project that you want to start tracking with git.

* Go into the directory containing the project.
* Type git init.
* Type git add to add all of the relevant files.
* You’ll probably want to create a .gitignore file right away, to indicate all of the files you don’t want to track. Use git add .gitignore, too.
* Type git commit.

**Connect it to github**

You’ve now got a local git repository. You can use git locally, like that, if you want. But if you want the thing to have a home on github, do the following.

* Go to [github](https://github.com/).
* Log in to your account.
* Click the [new repository](https://github.com/new) button in the top-right. You’ll have an option there to initialize the repository with a README file, but I don’t.
* Click the “Create repository” button
* git remote add origin <https://github.com/username/new_repo>
* git push -u origin master
* **Create a new branch**
* git checkout -b YOUR-NEW-BRANCH-NAME
* git add .
* git push origin YOUR-NEW-BRANCH-NAME