# Options for organizing your work

The Erdős Institute

# Two options

1.  (Easier Option):  Never make a change to your local repo, pull frequently, and copy notebooks you want to edit to a different location.
2.  (Harder Option): Make a local branch of the repo, do all of your work in your local branch.  Pull the main branch frequently and rebase your local branch.

Pros and Cons

- Option 1 will get you up and running faster.
- Option 1 has less of a chance of introducing frustrating complications.
- Option 2 teaches you more about Git.
- Option 2 gives you the full benefits of version control.

# Option 1

1. Clone the repository.
2. Create a new folder on your computer to store the notebooks you want to modify.
   - Make sure to copy the entire data folder here.
   - You may need to modify path variables to accommodate for differences in file structure.
3. Pull before you work!  Navigate to the repository folder and type:

git pull

before you copy a notebook over.

# Option 2

1. Clone the repository.
2. Execute

    git branch my_work

   to create a new branch you can work in.

3. Before you work switch to the main branch, pull any new changes, switch to your branch, and finally rebase.

    git checkout main

    git pull

    git checkout my_work

    git rebase main

4. You may need to merge some changes!  You should deal with this when the time comes by Googling or asking other participants for help on Slack.