~/Documents$ mkdir codebook

echo "# codebook" >> README.md

echo "# codebook" >> .gitignore Or use Git Bash cmd: touch .gitignore

git init

git add README.md

git commit -m "first commit"

git branch -M main

git remote add origin https://github.com/patrickmineault/codebook.git

git push -u origin main

~/Documents/codebook$ conda create --name codebook python=3.8

~/Documents/codebook$ conda activate codebook

**(codebook)** ~/Documents/codebook$ conda install pandas numpy scipy matplotlib seaborn

To export a list of dependencies so you can easily recreate your environment, use the export env command

**(codebook)** ~/Documents/codebook$ conda env export > environment.yml

You can then commit environment.yml to document this environment. You can recreate this environment – when you move to a different computer, for example - using:

**$** conda create --name recoveredenv --file environment.yml

• data: Where you put raw data for your project. You usually won’t sync this to source control, unless you use very

small, text-based datasets (< 10 MBs).

• docs: Where you put documentation, including Markdown and reStructuredText (reST). Calling it docs makes

it easy to publish documentation online through Github pages.

• results: Where you put results, including checkpoints, hdf5 files, pickle files, as well as figures and tables. If

these files are heavy, you won’t put these under source control.

• scripts: Where you put scripts - Python and bash alike - as well as .ipynb notebooks.

• src: Where you put reusable Python modules for your project. This is the kind of python

**$** mkdir {data,docs,results,scripts,src,tests}