Linking GitHub & R

ENTMLGY 6707 Entomological Techniques and Data Analysis

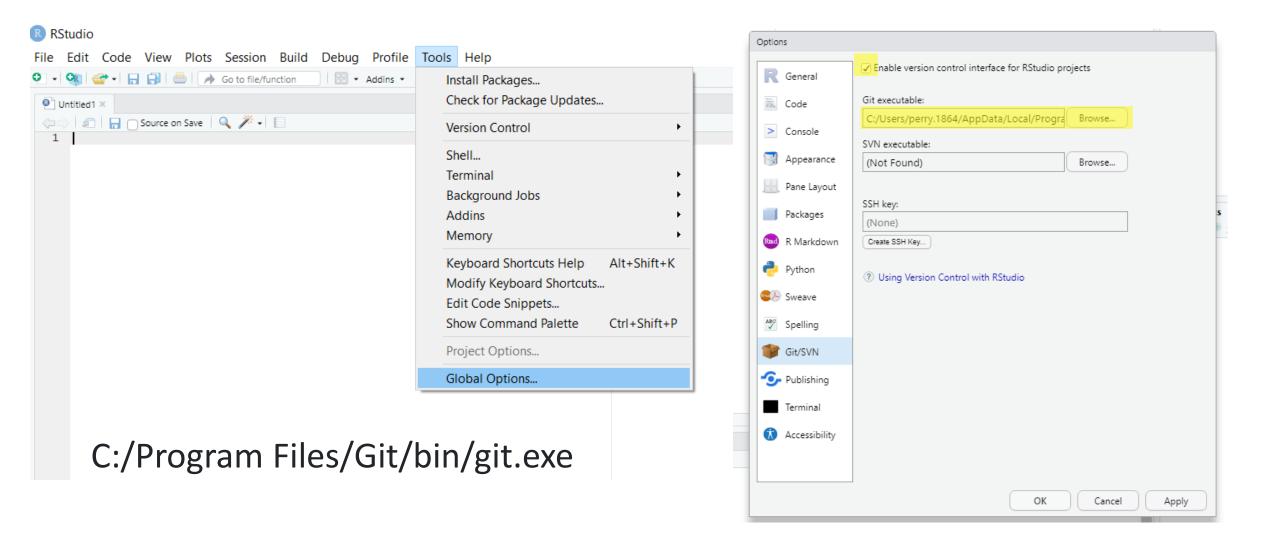




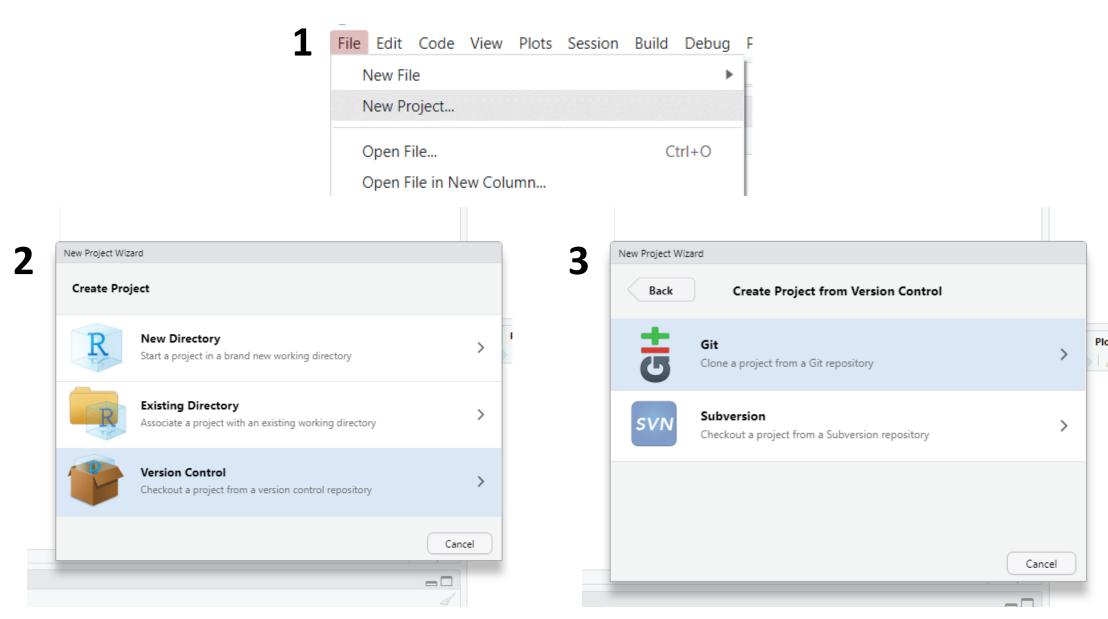
Integrate Git in RStudio

1) Check enable version control

2) Set path to git.exe file



Check to make sure Git and RStudio are linked

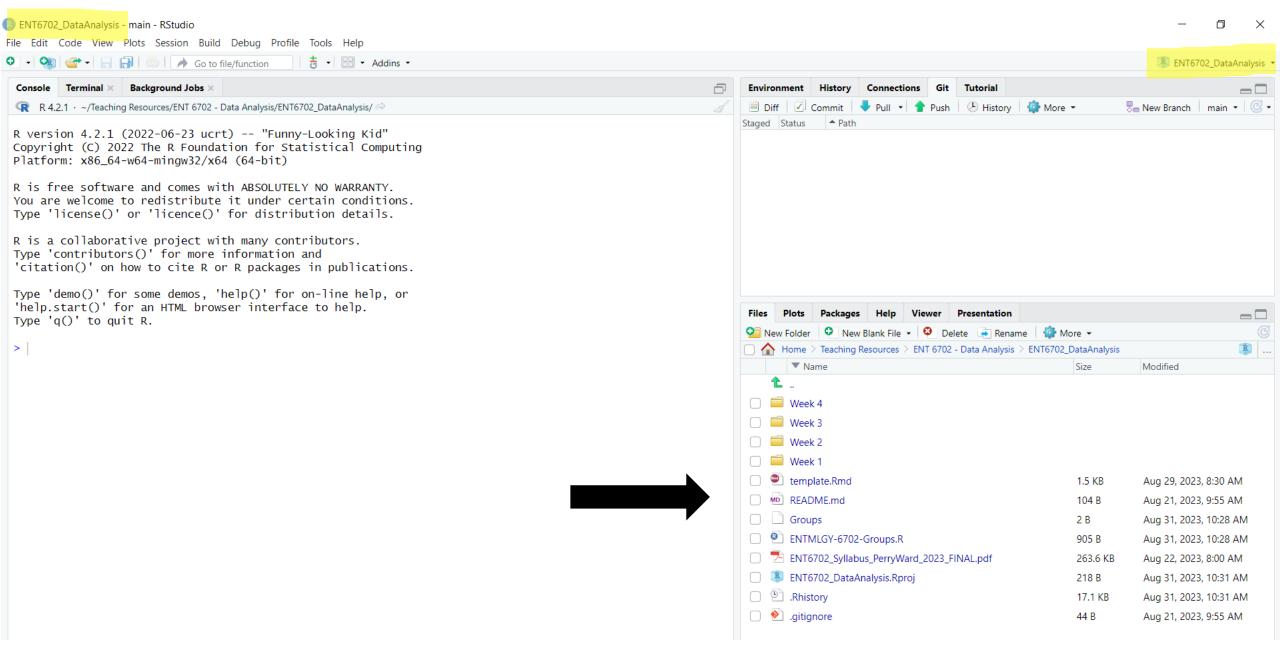


Clone a repository on GitHub to your computer

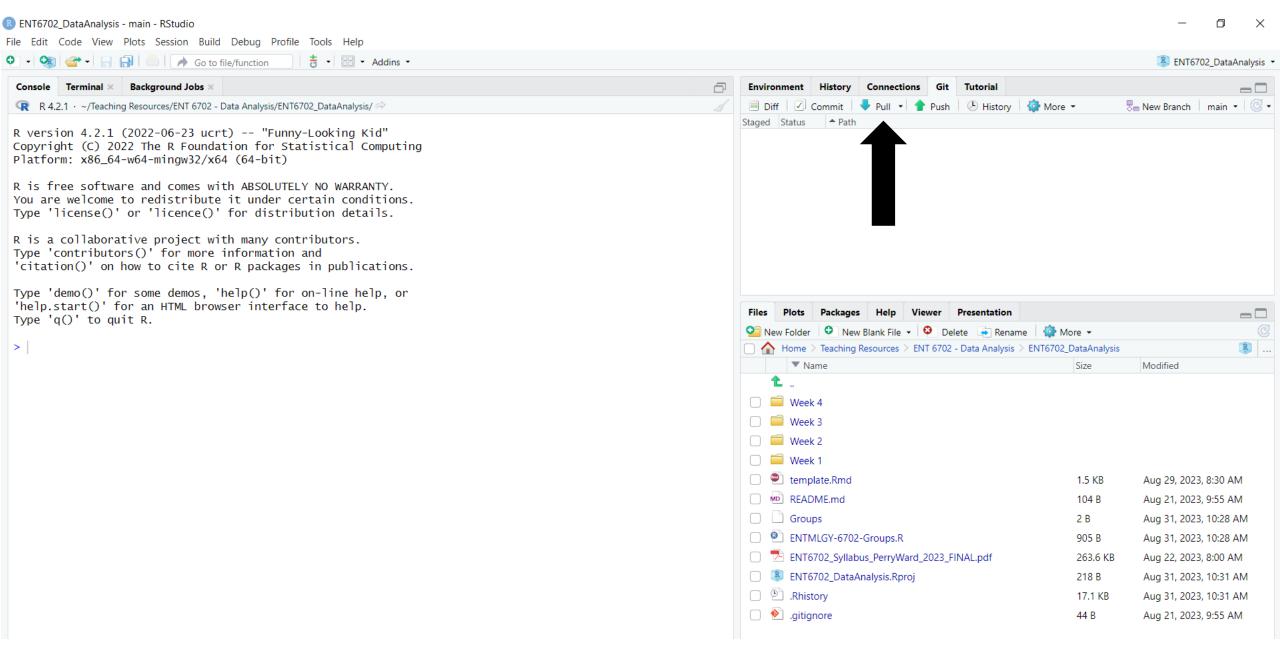
New Project Wizard Copy and paste repo link Back Clone Git Repository Repository URL: https://github.com/kiperry/ENT6702_DataAnalysis Project directory name: ENT6702_DataAnalysis ENT6707 DataAnalysis Create project as subdirectory of: C:/Users/perry.1864/OneDrive - The Ohio State Un Browse... Open in new session Create Project Cancel

https://github.com/kiperry/ENT6707_DataAnalysis

Clone a repository on GitHub to your computer

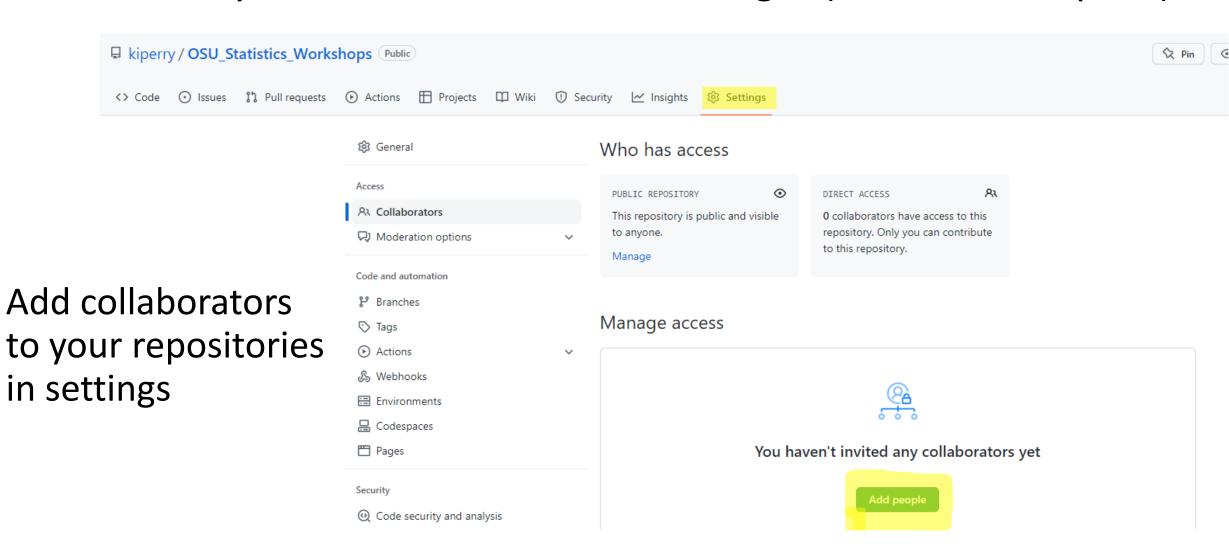


Open R project and pull changes to your computer



You can clone any public repositories on GitHub

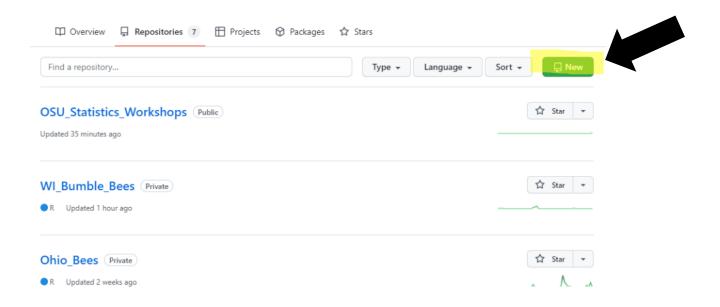
However, only collaborators can make changes (via commit & push)



Create your own repository!

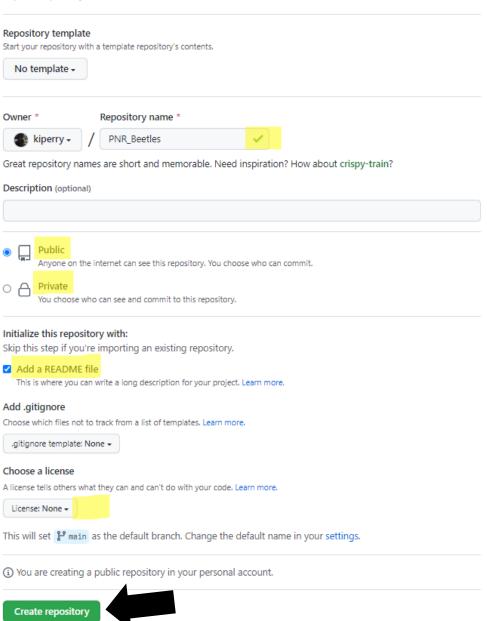
Create your own repository!

1. Log into your GitHub account, go to the Repositories tab, click New

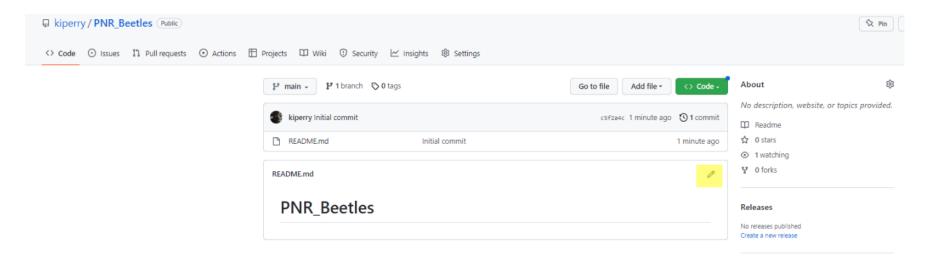


Create a new repository

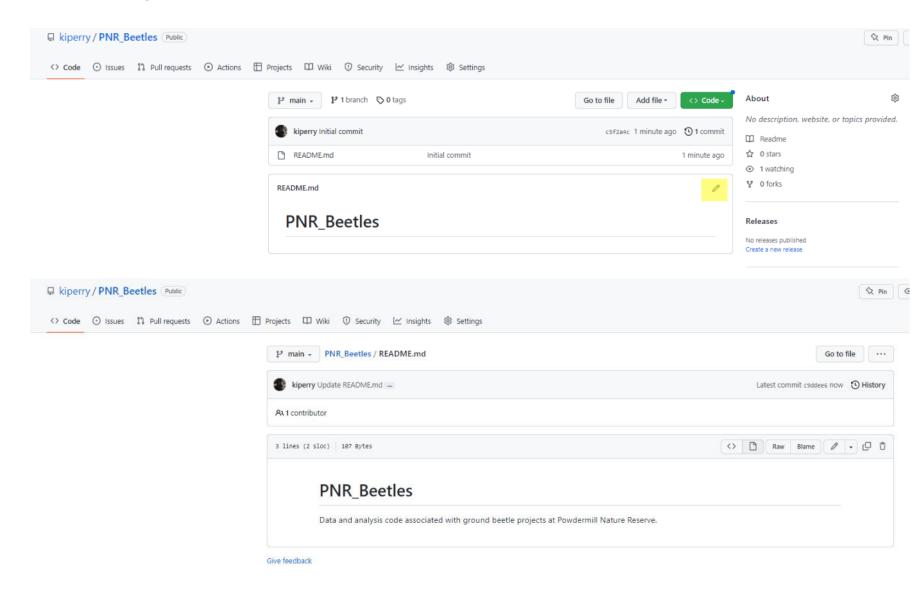
A repository contains all project files, including the revision history. Already have a project repository elsewhere? Import a repository.



Edit your README file

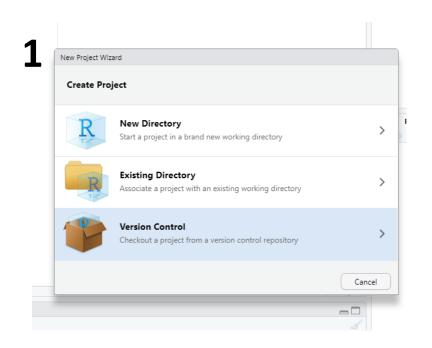


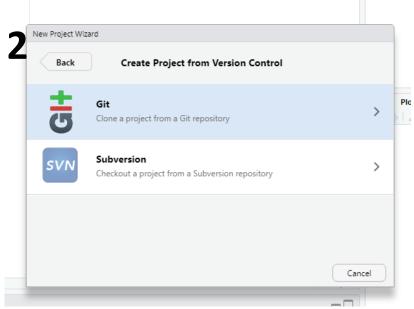
Edit your README file

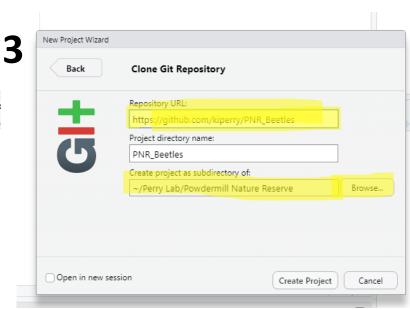


Update readme file with a commit

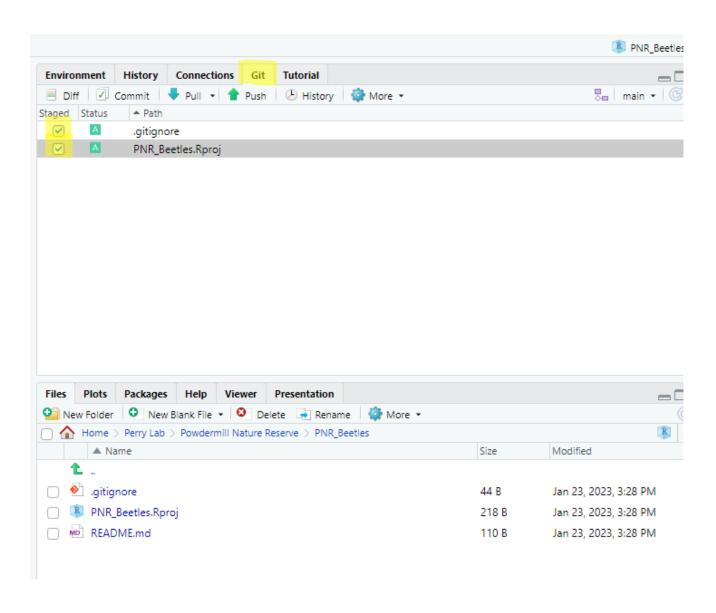
Clone your newly created GitHub repository using R



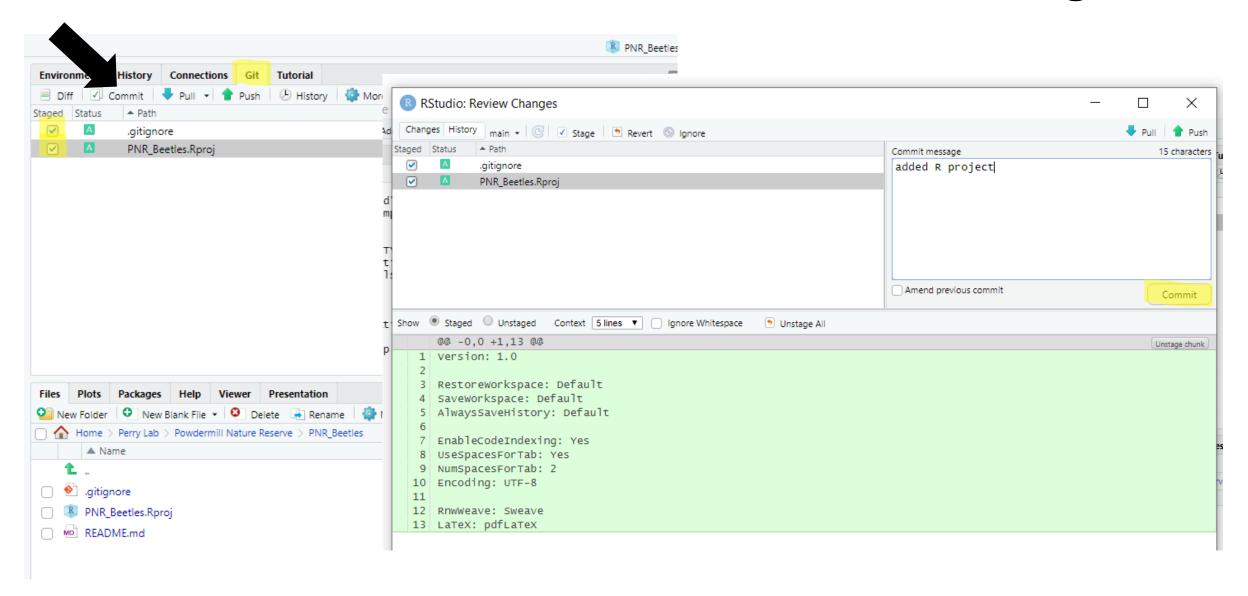




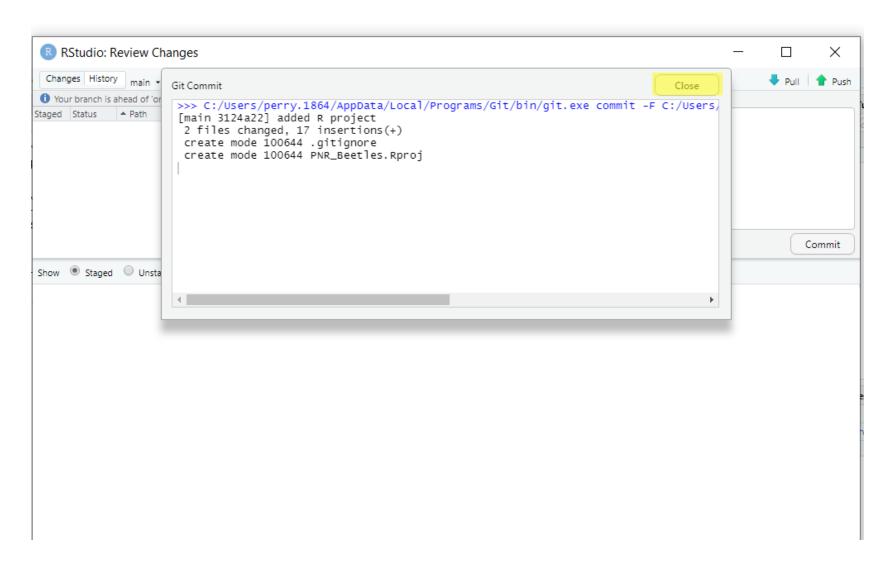
Select Git tab and make a commit to save changes



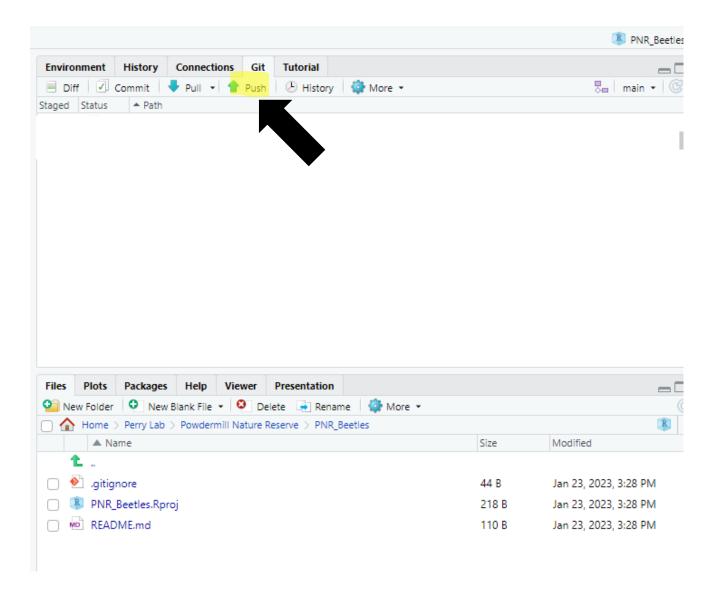
Select Git tab and make a commit to save changes



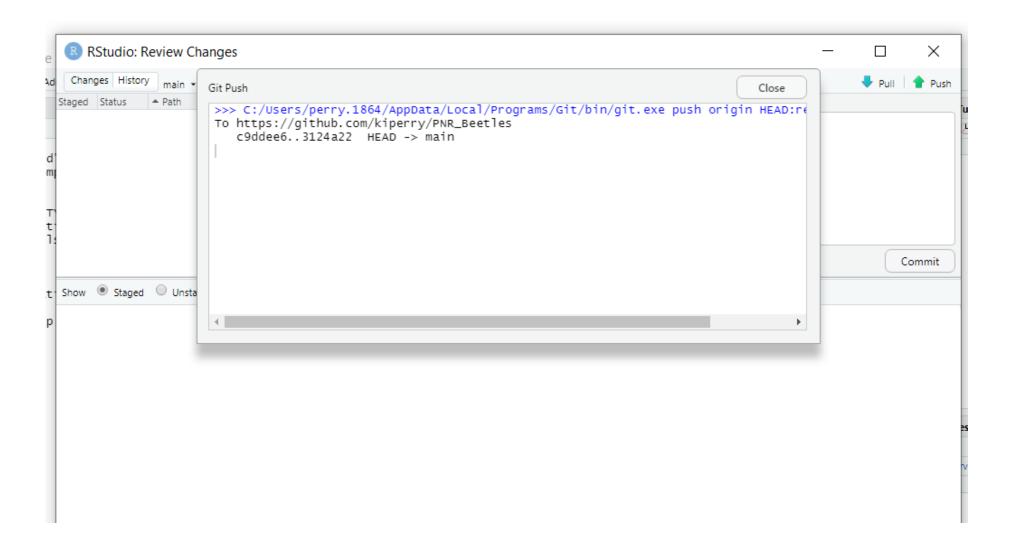
Select Git tab and make a commit to save changes



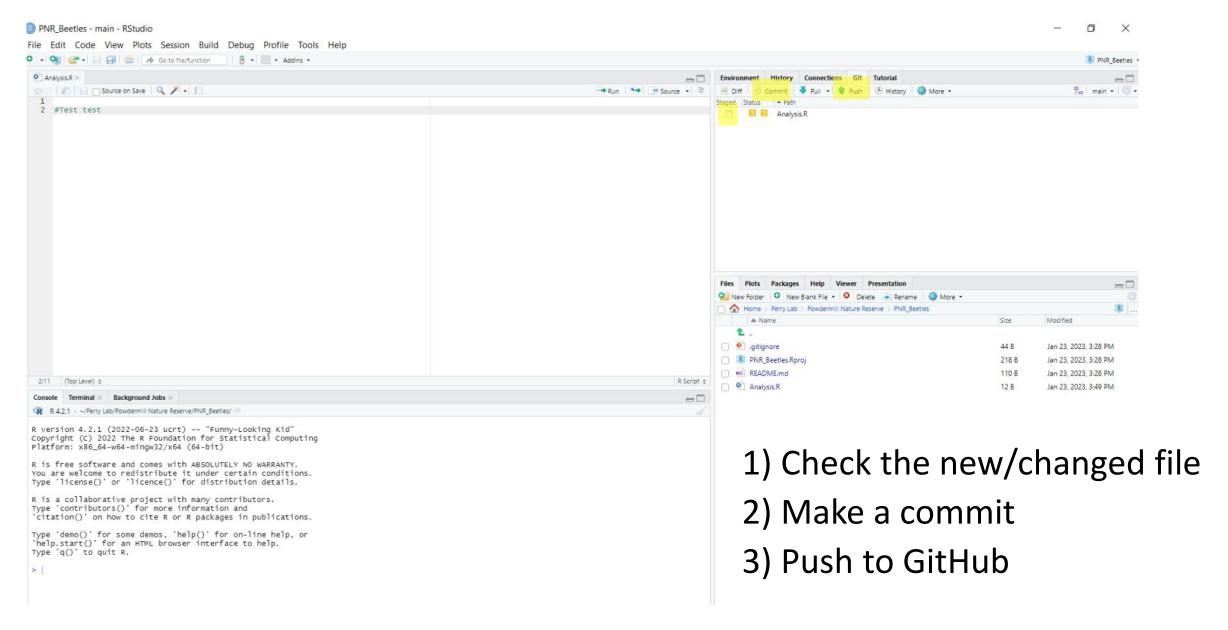
Push changes to your repository on GitHub



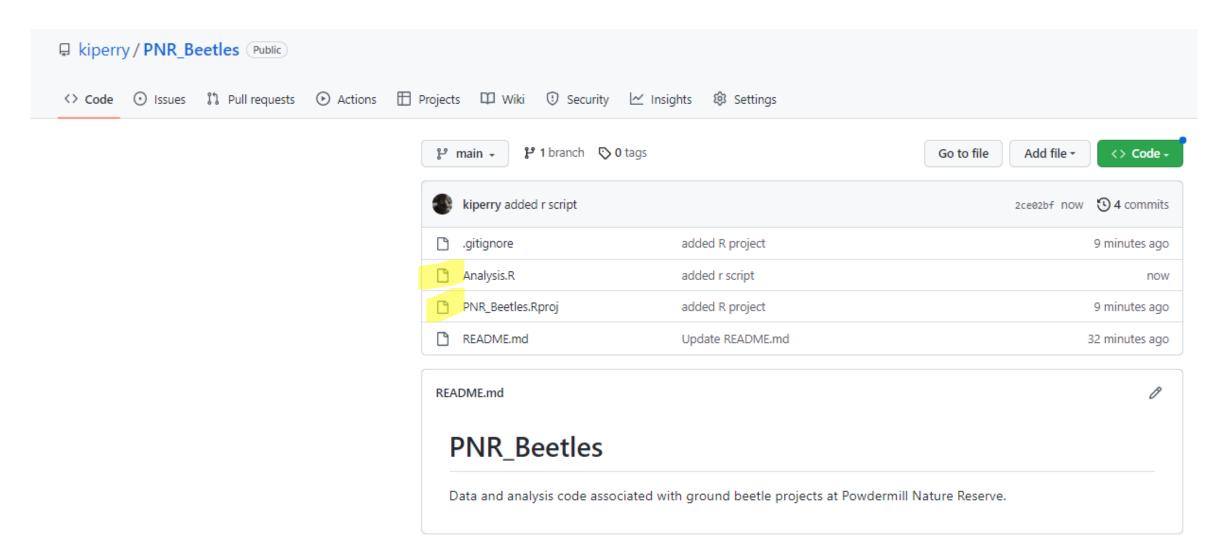
Link your newly created GitHub repository with R



Create a new r script and add to your repository

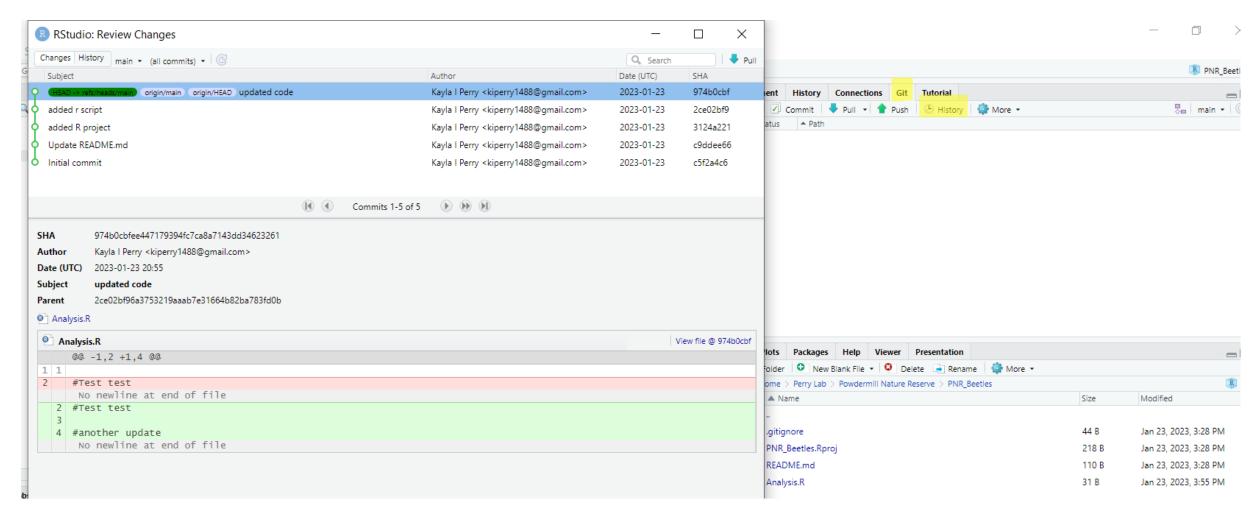


New R files now in GitHub repository



Review changes in your files over time

Version control that documents development history over time



If a collaborator is added to your repository....

Start by pulling changes from the online repository

