BAE 565 Github Week Outline

01-15-2021

I have worked through the happy git website and have read both the of the articles you suggested. From this work I have prepared a general outline for the github/version control week. Please note that this is just a general idea of what I am thinking. I have not yet prepared any material towards this goal or developed an excerise that would serve as homework, though I would want it to deal with forking and cloning a repo to Github then to a local computer, setting the upstream repo on a local computer to pull from, making a change on a local computer, pushing your change back to Github, and then submitting a pull request back to the upstream repo.

# Work to be done prior to 1/26/21

* Read sections 1-4 of Excuse Me, Do You Have a Moment to Talk About Version Control?
* Read Our path to better science in less time using open data science tools
* Complete Section “1. Installation” on <https://happygitwithr.com/>

# 1/26/21: In class work

* 0 - 20 min: discussion of article and installation quesitons
* 20 - 40 min: Work through section 2 "Connect Git, Github, and RStudio.
  + Do this together using slides to allow for quick troubleshooting
* 40 - 60 min: Work through section 3 “Early GitHub Wins”
  + Do this together using slides to allow for quick troubleshooting
* 60 -75 min: Discussion of Github so far/ start chapter 18 “Test drive in R Markdown”

# Work to be done prior to 1/28/21

* Read sections 8-13 of Excuse Me, Do You Have a Moment to Talk About Version Control?
* Complete Chapter 18 exce

# 1/28/21: In Class work

* 0 - 30 min: Discussin of chapter 18 excericse and use of markdown files instead of .docx file and general questions
* 30 - 55 min: Work through section 4 Daily Workflows
* 55 - 75: Present and discuss excerise to be due the following Tuesday 2/2/21