

# STA 160 (project based)

1. No homework. 1 project (5 ppl in a group) (8 week)
1. Deadlines: Refer to calendar on canvas; Syllabus deliverables
2. Discussion
  - 1<sup>st</sup> : how to recreate a website on GitHub
  - 3<sup>rd</sup> : How to record a presentation. (tools: zoom/loom/PPT)
  - 2<sup>nd</sup> : Office Hour: change time 6-7 + 7-8pm via zoom
  - Others: Office Hours
3. Final project (grade by me), show rubrics later
  - AI ok (no trivial project/trivial project – low grades)
  - Example in class
  - ~ 500 hours effort, 8 weeks

## How to create a github website

1. Create repo + readme.md
2. Clone your GitHub repo onto your PC
  - Code:*
  - cd ~/Documents # or wherever you want to keep your project*
  - git clone https://github.com/<your-username>/STA160\_website\_demo.git*
  - cd STA160\_website\_demo # your repo name*
3. Open repo in VScode
4. Create your website files
  - Index.html
  - Styles.css
5. Preview locally: Before uploading to GitHub, check your site:
  - In Finder, go to your STA160\_website\_demo folder. Double-click index.html. It should open in Safari/Chrome → you'll see your styled page.
6. Push to github
  - Back in terminal
  - Code:*
  - git add index.html styles.css*
  - git commit -m "Add basic website template"*
  - git push*

## 7. Enable github pages

- Go to your repo on GitHub:  
*[https://github.com/<your-username>/STA160\\_website\\_demo](https://github.com/<your-username>/STA160_website_demo)*
- Click Settings (top bar).
- In the left menu, find Pages.
- Under Source, choose:  
Branch: main                      Folder: / (root)
- Click Save.
- GitHub will build your site, and after ~1 min, it will be live at:

*[https://<your-username>.github.io/STA160\\_website\\_demo/](https://<your-username>.github.io/STA160_website_demo/)*

*for me: [https://xinyiwangjuno.github.io/STA160\\_website\\_demo/](https://xinyiwangjuno.github.io/STA160_website_demo/)*

## 8. If you have updated or locally file:

*`cd ~/Documents # or wherever you keep your project`*

*`git status`*

*`git add .`*

*`git commit -m "Update website layout with sections, table, and plot"`*

*`git push`*