

# Data Science Applications to Politics and Policy

## Seminar Week 1

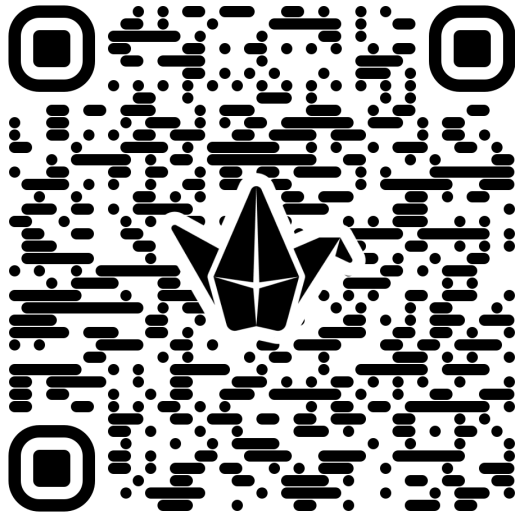
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GV4L3

Please note lecture room change to **SAL.LG.03!**

# Introductions



[https://padlet.com/mlsands/GV4L3\\_introductions](https://padlet.com/mlsands/GV4L3_introductions)

# Setting Up Git/GitHub

- First, set up your computer properly:
  - 1 Create a folder on your computer (not on your desktop!) called 'gv330\_2526': This will be your base folder for this whole class
  - 2 Create a sub-folder called 'seminar1' or similar
  - 3 Get familiar with your shell/terminal: open 'terminal' on Mac or 'command' on Windows, and type `git version` to see if you have git installed
- Now, set up Git and GitHub:
  - 1 If you don't have Git installed, then install it!
  - 2 Visit [github.com](https://github.com) and create an account, and log in
  - 3 Create a new repo on [github.com](https://github.com) called `gv330_demo_repo` or similar. Choose the default R .gitignore file.
  - 4 Clone the repo to your local machine:
    0. On github, in your repo, click "code" then copy the HTTPS url
    1. Open your terminal/shell/bash from the folder of interest (or navigate there)
    2. Type `git clone [URL HERE]` and press enter

# Push A File

- Install R and R Studio

- 1 If you haven't, install R and R Studio on your machine

- Now, work on a new file:

- 1 Create a .Rmd or .Qmd file **in your local repo folder**
- 2 Edit the file to update it and add some content
- 3 Go to the 'Terminal' tab on R Studio. If git is working properly,
- 4 Use git:
  0. Type `git status` and press enter (this will tell you what's up)
  1. Type `git pull` and press enter (this makes sure your local repo is up to date)
  2. Type `git add .` and press enter (this tells git to track/stage all changed files in the repo)
  3. Type `git commit -m '[ENTER A COMMIT MESSAGE]'` and press enter (this creates a commit to the local repo)
  4. Type `git push` and press enter (this pushes the commit from the local to the remote)
  5. Type `git status` and press enter (this will tell you what's up)
- 5 Go check your repo on github.com!