

Data Science Applications to Politics and Policy

Seminar Week 1

Melissa Sands

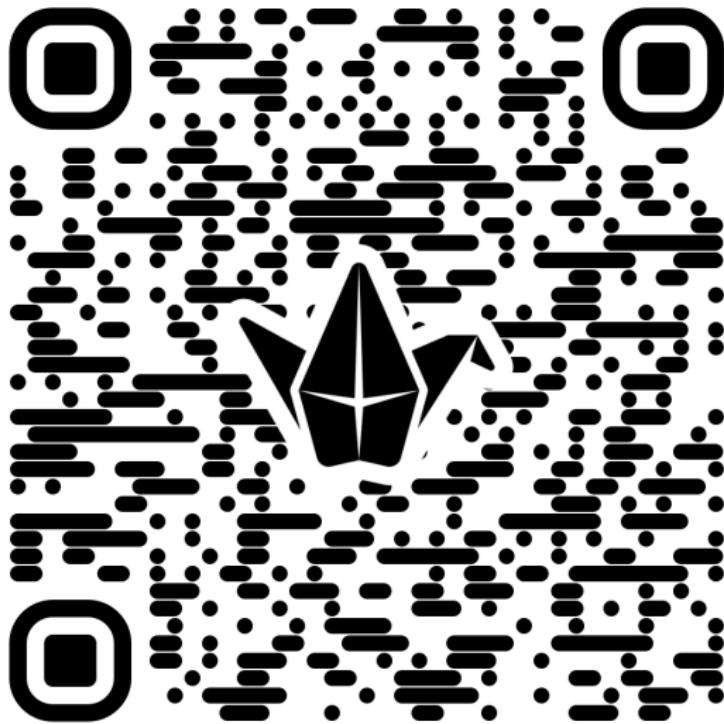
London School of Economics

GV4L3

Housekeeping

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

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 and create an account, and log in
 - 3 Create a new repo on 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](https://github.com), 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!