

# Politics Lab: Instructions

[Help Center](#)

In this assignment, you will be using linear algebra to explore the political relationships between members of the United States Senate.

To complete this assignment, please carefully follow the following instructions:

1. Download the detailed instructions for this assignment, [politics\\_lab.pdf](#)
2. Download the stencil, [politics\\_lab.py](#), for this assignment, and move it into your `matrix` folder.
3. You do not need to submit anything marked *ungraded*.
4. Support code and data resources can be found at the [Coding the Matrix Resources page](#), where you may find [voting\\_record\\_dump109.txt](#), [US\\_Senate\\_voting\\_data\\_109.txt](#), and [UN\\_voting\\_data.txt](#). Please do not delete these resources, as they may be used in the future.
5. For each problem/task,
  1. Test out your solution in the Python REPL;
  2. Copy your solution into the stencil file `politics_lab.py`;
  3. Submit your solution by opening a console window, navigating using `cd` to the `matrix` folder, and entering the command `python3 coursera_submit politics_lab.py`. The script will ask for your username and password. They are located [on the assignments page](#).

You can use the submit command to submit solutions for as many tasks as you like at one time.

Have fun!

