FINAL PROJECT GUIDELINES

FALL 2019

FINAL PROJECT REQUIREMENTS:

- Each student will present their own original project. The objective and the code must be different from every other student in the class. You may use the same data as someone else, but you have to use it to answer a different question.

- You can use a data set, pictures, drawings, spreadsheet from your own thesis, a class, a scientific paper, a book, etc. If you can't find one you may use a data set from the class and extend the analysis we performed together.

- You should be able to solve the project with the skills you learned during the course. You can use Python modules we haven't used, but it's up to you to learn how to use them. **Don't be too ambitious!** You only have a few weeks.

SCHEDULE TO WORK ON FINAL PROJECTS:
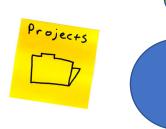
Nov 1- Friday: Submit the Idea –CANVAS- Present the Idea in CLASS

Nov 6- Wednesday: Submit draft code and plan - CANVAS

Nov 8- Friday: Work on the project – IN CLASS- 1 hour

Nov 15- Friday: Work on the project – IN CLASS- 1 hour

Nov 22- Final presentations- Submit Power Point
and present to the class.

Projects

Nov 1- Friday: Submit the Idea - CANVAS

Submit two files through CANVAS:

- Assignment 10b: a word file that
  1. Explains your project idea in one paragraph.
  2. Describes in detail the dataset or image(s) you want to use. Be specific!
  3. Explains how you plan to solve the problem with the skills you've learned in class. Be specific!

- Assignment 10c: a single-slide powerpoint presentation, saved as a pdf, that we'll project on the screen while you pitch your idea in class in 2 minutes. Time yourself before hand, we truly only have 2 minutes per person.