ILLINOIS

STAT107 Data Science Discovery

LAB: INTRODUCTION

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- Please work in a group of 2–3 students
  - collaboration is important in data science!
  - meet new friends and discuss :)
  - let us know if you have any questions

Question for each group

Where do you come from? Find out who had to travel the furthest to move to UIUC.

- Answer and personal info
- Lab sections
  - AYC: 12:30–13:50 (Tue) @ David Kinley Hall 115
  - AYH: 12:30–13:50 (Thur) @ Online
- Office hours: 16:00–18:00 (Thur) @ Siebel Center for Design 0060
- Websites
  - main course website
  - grades on Canvas
  - HW on PrairieLearn
  - Q&A on Discord

- Main page
- Set up the environment:
    - VS Code
    - Python 3 if you do not have it; see part 1a of main page
    - Git
    - your repository
        - **Problem with cloning**: try "git clone https://github-dev.cs.illinois.edu/stat107-fa21/netid.git", i.e., with **.git** at the end
    - Python notebook
        - **Problem with py command**: make sure python 3.x has been installed. Try to change "py" to **"python3"** or **"python"**

Today's lab: complete the notebook

- Complete the "Lab: Introduction" notebook:
    - basics of Jupyter Notebook
    - basics of Python (print, name, arithmetic)
    - **Problem with kernel**: for Windows, press "ctrl+shift+p". Type and select "Python: Select Interpreter". Choose one with Python 3.x and restart VS Code. See Stack Overflow for example
    - **Problem with submission**: try to navigate to you own local repository (the folder with your netid) with "cd" in the terminal in case there is an error of "not a git repository"
- Submit your work. Feel free to:
    - ask us questions
    - leave whenever you finish the lab