Lecture 6: pandas with pop music

LING 1340/2340: Data Science for Linguists

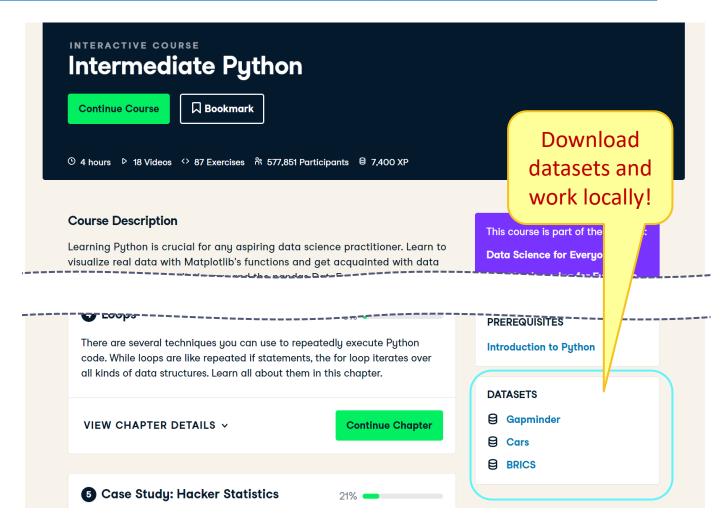
Na-Rae Han

Objectives

- ▶ Tools
 - Using DataCamp courses, downloading csv files
- pandas library hands-on practice

DataCamp: download exercise .csv files

- https://learn.datacamp.com/courses/intermediate-python-for-data-science
- All .csv data files used in DataCamp exercise can be downloaded!
- Posted on course dashboard. Scroll down!
- You can download them and replicate exercises in your own Jupyter Notebook.



pandas practice



- ▶ 50 Years of Pop Music
 - https://www.kaylinpavlik.com/50-years-of-pop-music/
 - You tried out the CSV file 'billboard_lyrics_1964-2015.csv'



- ▶ In Class-Exercise-Repo, activity3/ folder:
 - The CSV data file is already in the directory.
 - You will find pop_music_BLANK.ipynb
 - Copy it as pop_music_YOURNAME.ipynb and work on it.
 - You are welcome to commit your version.

cp file1 file2 makes a copy of file1 as file2.

Wrapping up

- ▶ To-do #5
 - Continuation of pandas study notes
 - Try a classmate's CSV

- Coming up: Project ideas
 - Due Friday!
 - Not sure? Come chat with Ashley and me
- PyLing this Wed! 6pm.
 - Speaker: John Starr (Cornell Ling PhD)
 - Hybrid: CL 2818 (will have pizza!) + Zoom