

Day 15: Midterm Preparation / Cloud Computing Teaser / Study Hall

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March 12, 2013 (<http://bit.ly/wwod1315>)

Agenda

- ▶ I'm still grading homework but did release a tally of homework received in bSpace.
- ▶ Midterm
- ▶ Study Hall

Upcoming

- ▶ on Thursday 3/14, I'll come back to baby names and introduce cloud computation, PiCloud, Amazon AWS and give you a preview of Common Crawl.
- ▶ on Tues 3/17, we'll have an in-class midterm, which I expect will take about an hour
- ▶ on Thursday 3/19, Dave Lester will come talk to us about Common Crawl
- ▶ then spring break...
- ▶ on Thursday 4/4, Fernando Pérez will be our guest speaker
- ▶ Friday, April 12 1-4pm 205 South Hall, Juriscraper workshop (attendance optional)
- ▶ Tuesday, May 7 2-3:30pm: Class Poster Session/Open House

Midterm

Day 17: Tuesday, March 19, 2013 – in class

The midterm is an opportunity to review and consolidate the materials we've covered so far in class. Questions will focus on large conceptual understanding of the materials and will draw heavily from the problem sets, project proposals, the guest lectures, and the data sets we've analyzed. Programming questions won't require a computer to answer.

A reminder of the assigned reading so far:

- ▶ Python for Data Analysis (PfDA), Chapters 1-5, 8, Appendix (review of Python)
- ▶ Courtlistener slides
- ▶ early readings on open data, data.gov

The technical materials in the class we've covered:

- ▶ Python constructs: itertools (e.g., islice), generators, datetime.datetime, time, requests library Day 10, p 10
- ▶ basics of numpy and Pandas Series, DataFrame (slice

Sample Python Questions

Day_15_Sample_Python_Questions notebook

Reflection

- ▶ <http://bit.ly/wwod13dataq>
- ▶ <http://bit.ly/wwod13projideas>