

# Day 5: Pandas Cont'd / Introduction to Matplotlib / Projects

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February 5, 2013 (<http://bit.ly/wwod1305>)

# Agenda

- ▶ Continue working through Day 4 Starter iPython notebook

Reminder: this homework is due *Friday, Feb 8 at noon*. Submit to yee@berkeley.edu by email.

## Announcements

- ▶ Brian Carver will be here on Feb 14 to talk about <http://courtlister.com/>
- ▶ Jacob has regular (?) office hours on Monday afternoons.

# Homework for Day 2 graded

- ▶ Grades for Day 2 HW released in :
  - ▶ 4 if notebook works
  - ▶ 3 if it's mostly working
  - ▶ 2 if you have are on your way
  - ▶ 1 if you submitted it and made minimal effort

## What I'd like to see

- ▶ review how to use `collections.Counter` – I'm intrigued by the various ways in which some of you passed in an entire iterable or pass in one item at a time.
- ▶ **please label your file with your first and last name**
- ▶ I'd appreciate your making it as easy for me to grade as possible:
  - ▶ you can keep your output, but I'll also clear your output and run your notebook – so make sure things work
  - ▶ if things don't work, put in your own comments as to where you left off and the help you would like.

## Reminder: Flow from Day 4

- ▶ sequences: list, xrange
- ▶ Series
- ▶ DataFrame

# Notebooks that were demoed in Class

- ▶ Day 5 Plotting examples
- ▶ `notebook_javascript_examples.ipynb`
- ▶ vtk example

# Our Discussion document

`http://bit.ly/wwod1305gdoc`

## Reading for next time

- ▶ Knight open govt news challenge Feb 12: <http://www.knightfoundation.org/blogs/knightblog/2013/1/30/news-challenge-open-gov-launches-feb-12/>
- ▶ conclusion from datafest:  
<http://sunlightfoundation.com/blog/2013/02/04/datafest-amazing-things-can-happen-in-a-very-short-time/>