

Day 9: Creating Projects

Raymond Yee

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Goals Today

- ▶ Start our thinking about projects.
- ▶ Allow students time to continue working on the Day_08_A_Metro_Diversity assignment.

Projects

- ▶ Participants will work on tangible **projects related to the overall theme.**
- ▶ The projects need to be thorough analyses of some open dataset or datasets.
- ▶ Students can select from a list of projects or they can propose other projects of comparable scope and intent.
- ▶ Students will have opportunities to brainstorm ideas, choose a specific focal point (drawing from structured feedback from other students and the instructor), craft a proposal for their projects, and then present their work at the end of the course.

Project Proposals

Due: Wed, April 2, 2014 11:59pm.

Write a 1-2 page proposal on how your group (of 2-3 team members) will conduct a thorough analyses of some open dataset or datasets. Use the following template for your proposal:

- ▶ Title
- ▶ Group members
- ▶ Problem Statement
- ▶ What open data sets might you be working with?
- ▶ Possible ties to Wikipedia (or any Wikimedia related projects)?
- ▶ What challenges do you anticipate running into?
- ▶ What skills will a team need to develop to solve this problem?

Some Project Ideas/Topics

I'd gladly help any of you flesh out any of these ideas:

- ▶ building a machine readable campus map
- ▶ build a campus org chart – a people finder
- ▶ surfacing images and recontextualizing data in Open Context: Data Publication for Cultural Heritage and Field Research. See `Project-Starter_OpenContext.ipynb`
- ▶ Free Law Project: reconciling court cases to Wikipedia and win at FantasySCOTUS from the Harlan Institute.
- ▶ connect the Hypothes.is annotation API with the IPython notebook to enable annotation of notebooks as well as items computed in the notebook. Throw in <http://futurepress.github.io/epub.js/#getting-started> and public domain books. . . .
- ▶ Digital Public Library of America: hack ideas from dp.la Open Committee Call: Technical Advisory, December 4, 2:00 PM Eastern <http://dp.la/info/developers/hacking-projects/> and <http://j.mp/dpla-hack-ideas>
- ▶ systematically archiving federal government data to

Announcements

- ▶ Answers published for 2nd Notebook assignment:
nbviewer.ipython.org/github/rdhyee/working-open-data-2014/blob/master/notebooks/Day_06_E_Assignment_Answers.ipynb
- ▶ CodeAcross San Francisco- Eventbrite → I'll be there this Saturday. Anyone want to join in?