Day 11: Looking Ahead to Projects, Plotting, and Baby Names

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Goals Today

- quick discuss the Day 8 problem set
- kickstart our work on project proposals
- start to think about the upcoming **midterm**: (Day 17, 2014-03-18)
- prepare for plotting/map discussion on Day 12.

Answers to Day 8 A Metro Diversity published

Day_08_B_Metro_Diversity.ipynb

As I announced on bCourses this weekend, you might benefit from studying a less abstract calculation of `entropy_rice`, which I present in Day_11_A_Explicit_Entropy_Calc.ipynb

Course Github Organization

Fill out What's your github account handle? so that AJ or I can add you to our course github organization: Working with Open Data 2014. We'll then be able to create repositories visible to the class only that we can use for your individual and project work.

Project Proposals

Due: Friday, March 14, 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?

Project Brainstorming

To help us brainstorm and refine ideas and to start forming team:

Project Ideas and Team Formation for WwOD 2014, aka
`http://bit.ly/wwod14projgdoc`

Don't forget documents we have on the go:

- ► WwoD14 TOC
- ► Some Project ideas
- ► In-class notes
- ► What do people want to learn (from Day 1)
- ► Topic: What you hope to learn and accomplish in the course?

I need you all to advocate for your own interests, questions, and
what you want to learn.

Upcoming Midterm

- The upcoming **midterm**: (Day 17, 2014-03-18). It will probably consist of mostly multiple choice questions.
- Over the next weeks, we'll be using bCourses and quizzes to review fundamentals and to drill concepts.
- Do the simple practice quiz: Day 11 Practice Quiz: Working with Open Data

Preparing for Day 12: Plotting/Mapping

▶ Read Chapter 8 of `PfDA` and make sure you can run
  nbviewer.ipython.org/github/rdhyee/working-open-data-
  2014/blob/master/notebooks/Day_11_B_Setting_Up_for_PfDA.ipynb.

You can sign up for a short class co-taught by Dav Clark and
Raymond Yee (March 5): Javascript Visualization | D-Lab. We'll
cover some of the same material in this class, but Dav is a great
teacher.

In Class Activity

Focus:

- get some project idea and team formation going: bCourses Collaboration: Project Ideas and Team Formation

Assignments / Homework

- ▶ Start working on your project proposal
- ▶ Setup your github handle and fill out What's your github account handle?
- ▶ Do the simple practice quiz: Day 11 Practice Quiz: Working with Open Data
- ▶ Read Chapter 8 of PfDA and make sure you can run nbviewer.ipython.org/github/rdhyee/working-open-data-2014/blob/master/notebooks/Day_11_B_Setting_Up_for_PfDA.ipynb.