LAST TIME ON IOLAB

• Google Fusion Tables
• Intro to Project 3
TODAY

DATA
DATA IS EVERYWHERE

- Likes
- Tweets
- Photos
- Articles
- Metadata
- Text
- Check-Ins
- Population
- Civic data
- Salaries
- etc.
- etc.
DATA IS (DIS)ORGANIZED

- Controlled Vocabularies
- Dictionaries
- Databases

- Metadata
- Social Tags
- Text
WHERE CAN I GET IT?
WEB SERVICES

Instagram
YouTube
Twitter
delicious
Wikipedia
flickr
WEB SERVICES

Yelp! Academic Dataset
http://www.yelp.com/academic_dataset
WEB SERVICES

Facebook Graph API
https://developers.facebook.com/docs/reference/api/
WEB SERVICES

Google Fusion Tables
http://www.google.com/fusiontables/Home/
WEB SERVICES

Freebase
http://www.freebase.com/
http://wiki.freebase.com/wiki/API

http://www.freebase.com/view/food/views/ingredient
OPEN DATA

U.S. Data
http://www.data.gov/

California
http://data.ca.gov/

San Francisco
https://data.sfgov.org/

OPEN DATA

Socrata
SODA 2.0 (Socrata Open Data API)
http://dev.socrata.com/
http://dev.socrata.com/consumers/getting-started/
HOW DO I WORK WITH IT?
TOOLS

Mr. Data Converter
http://shancarter.com/data_converter/

Google Refine
http://code.google.com/p/google-refine/
TOOLS

BeautifulSoup
http://www.crummy.com/software/BeautifulSoup/

Scrape HTML & Websites using Python
DEMO
OTHER WAYS?
HUMANS!
OTHER PEOPLE DO IT

The Norwich line steamboat train, from New-London for Boston, this morning ran off the track seven miles north of New-London.
EVEN GOOGLE
SERVICES

Mechanical Turk
https://www.mturk.com/mturk/welcome

MobileWorks
https://www.mobileworks.com/
OPEN LAB
Project 3
Groups & Ideas
FOR NEXT TIME

Project 3 Groups & Proposals (by Wednesday)

Test Driven Development (TDD)

You can find links to help with all of these on the course website at http://courses.ischool.berkeley.edu/290ta-iol/f12