The Big Data Camp Challenge
1. Use the techniques you are practicing here to collaboratively demonstrate **one plausibly true thing** about a topic that interests you.

2. Reflect on the process of demonstrating that thing

3. Present your finding, your process and the fruits of your reflection to the group on FRIDAY 06/09.
Here are our expectations

- Form groups
- Articulate a topic or question of shared interest
- Identify and gather relevant data
- Create a dataset through scraping, API utilization, and/or merging existing datasets
- Run queries, statistical analyses and/or visualizations using your data to demonstrate your one true thing
- Prepare a presentation that describes your question, your process, your findings, and what doing this taught you about working with “big data”
- Have Fun
Finding success on Kickstarter: Being too positive or too negative results in not getting funded.
Higher pathogen prevalence in a region is associated with fewer non-American restaurants in the top 40 rated restaurants on Yelp.
Presentation Parts

- Group Members
- Our motivating question was...
- Why this question was interesting to us
- Process of dataset construction
- Here is our fact: _____________________
- Our preliminary findings or results
- How you did what you did
- What you would do with more time
Presentation Parts (2)

• Slides of some sort – Powerpoint, pdf
• Presentation should be about 7 minutes
• At the very end of the presentation provide one to two tweets that summarize your project
• PLEASE KEEP AND SHARE YOUR CODE WITH TEDDY - this is helpful for future camps
How to come up with ideas?

THE SEVEN WHATS!

• What is a question floating around your field that people are having trouble answering?
• What is an old fundamental question or idea in your field that is incomplete?
• What is an interesting dataset that is under–explored?
• What are several massive datasets that I can connect?
• What resources are on the Github site?
• What do the other campers have to say?
Go forth and do interesting stuff.
WAIT! You need teams.
Team Formation (1)

• Objectives
  – Self select into teams around the topics that enflame your passions
  – Cross disciplinary teams less than or equal to six
  – Go through a series of steps to make teams
Team Formation (2)

- Education/Education Policy
- Networks
- Family Relationships
- Rankings and Ratings
- Social Movements

- Elites
- Emotions
- Race
- Politics
- Healthcare
- Firm Performance
Three Questions, Three Data Sources
Cross-Disciplinary Conversations
1. Send one person to get a sheet.
2. Go some place and chat.
3. Come up with a preliminary idea.
4. Return the sheet filled out in this room at 4:45.