Empirical Methods of Data Science
Spring 2019

**Assignment 2**
**Deadline: Wednesday, March 6, 10am**
**(Note: late assignemnts will receive a zero)**

The goal of the second assignment is for you to think about the current state of affairs regarding research ethics. What is needed as we move into an age where much of our research is centered around big data?

This assigment consists of two parts. First, you will need to complete the training that all researchers (professors/assistants/students) take before being able to conduct research. To do this,
1. Go to the Rascal homepage at https://www.rascal.columbia.edu.
2. Select 'Training Center' and login with your UNI and password.
3. Click on 'Course Listings.'
4. Select the course TC0087: HSP (CITI) from the course listings.
5. Read the Course Overview.
6. Click 'Take Course,' and read and follow any instructions.
7. Once you have taken the course, click 'Take Test' to complete the course test.
8. Once complete, make sure to download and save your certificate of completion.

For the secnd part of the assignment, you will write a proposal for a training course for researchers using big data. You are not writing the actual course; instead, you are writing a proposal for a course that is similar to the one you took.

Your proposal should be at least 1.5-2 pages long (12 pt font, Times New Roman, single-space). Describe the content that you would include and why. You should inclue general content as well as more specific details such as case examples from the press/journals to illustrate your point. You may include material from the course as well as go beyond the course.

For example, you could create an outline of the topics you will include and the general flow of the online training course. Then for each topic, go into depth on subtopics, specific details to include, and the case examples. You could even provide specific questions you would ask (but this is not required).

**Submission**
Submit a zip file on CourseWorks under Assignment 2. In the zip file include a copy of your certificate of course completion and a pdf of your proposal.

**Grading:**
Your assignment grade will be graded out of 10 points:
- Training course completion (3 points)
    - To receive credit, you must pass the course.
- Proposal write-up (7 points)
    - You will be graded on details, creativity and depth of ideas.