

# ICPSR: Network Analysis I

## Assignment 1

by James D. Wilson (University of San Francisco)

Before we begin, make sure that you have read Chapter 1 of Doing Data Science by Cathy O’Neil and Rachel Schutt entitled ”What is Data Science?” here: <https://www.safaribooksonline.com/library/view/doing-data-science/9781449363871/ch01.html>.

1. Tell me a little about yourself. For instance,
  - (a) What got you interested in taking this course?
  - (b) Are you currently pursuing a degree? If so, which one? If not, what do you currently do?
  - (c) Have you ever used R before this course? If so, to what extent?
  - (d) Tell me at least one thing that you hope to do with R this semester.
  - (e) Feel free to tell me anything else interesting about yourself that you’d like to share.
2. From reading the article, what in your opinion is the biggest issue facing the field of “data science,” and what do you think can be done to help fix this issue?
3. Based on this article, what do you think is the most important role social scientist in the age of data science?
4. Who is responsible for coining the term “data scientist?”
5. What, in your opinion, is the biggest difference between data scientists in academia and industry?
6. Based on this article, a major obstacle in understanding data science in the first place is understanding what data science actually *is*. From what you’ve read, and what you understand so far, how would you define “data science”?