 Proposal describes your motivation for performing this analysis.

 Proposal describes likely data sources.

 Your project has a recognizable “data science workflow,” such as the OSEMN workflow or Hadley Wickham’s Grammar of Data Science. [Example: First the data is acquired, then necessary transformations and clean-up are performed, then the analysis and presentation work is performed]

 Project includes data from at least *two* different types of data sources (e.g., two or more of these: relational or CSV, Neo4J, web page [scraped or API], MongoDB, etc.)

 Project includes at least one data transformation operation. [Examples: transforming from wide to long; converting columns to date format]

 Project includes at least one statistical analysis and at least one graphics that describes or validates your data.

 Project includes at least one graphic that supports your conclusion(s).

 Project includes at least one statistical analysis that supports your conclusion(s).

 Project includes at least one feature that we did not cover in class! There are many examples: “I used ggmap; I created a decision tree; I ranked the results; I created my presentation slides directly from R; I figured out to use OAuth 2.0…”

 Presentation. Was the presentation delivered in the allotted time (3 to 5 minutes)?

 Presentation. Did you show (at least) one challenge you encountered in code and/or data, and what you did when you encountered that challenge? If you didn’t encounter any challenges, your assignment was clearly too easy for you!

 Presentation. Did the audience come away with a clear understanding of your motivation for undertaking the project?

 Presentation. Did the audience come away with a clear understanding of at least one insight you gained or conclusion you reached or hypothesis you “confirmed” (rejected or failed to reject…)?

 Code and data. Have you delivered the submitted code and data where it is self-contained—preferably in rpubs.com and github? Am I able to fully reproduce your results with what you’ve delivered? You won’t receive full credit if your code references data on your local machine!

 Code and data. Does all of the delivered code run without errors?

 Code and data. Have you delivered your code and conclusions using a “reproducible research” tool such as RMarkdown?

 Deadline management. Were your draft project proposal, project, and presentation delivered on time? *Any part of the project that is turned in late will receive a maximum grade of 80%*. Please turn in your work on time! You are of course welcome to deliver ahead of schedule!