Capstone Project 1 - Milestone Report

You have proposed a project, collected a data set, wrangled and cleaned up the data, and explored it with descriptive + inferential statistics techniques. Now’s the time to take stock of what you’ve learned. The project milestone is an opportunity for you to practice your data story skills. Your milestone will be reached when you produce an early draft of your final Capstone report. This is a slightly longer (3-5 page) draft that should have the following:

* An introduction to the problem: What is the problem? Who is the Client? (Feel free to reuse points 1-2 from your proposal document)
* A deeper dive into the data set:
  + What important fields and information does the data set have?
  + What are its limitations i.e. what are some questions that you cannot answer with this data set?
  + What kind of cleaning and wrangling did you need to do?
  + Are there other datasets you can find, use and combine with, to answer the questions that matter?
* Any preliminary exploration you’ve performed and your initial findings. Test the hypotheses one at a time. Often, the data story emerges as a result of a sequence of testing hypothesis e.g. You first tested if X was true, and because it wasn't, you tried Y, which turned out to be true.
* Based on these findings, what approach are you going to take? How has your approach changed from what you initially proposed, if applicable?

Add your code and milestone report to the github repository. As before, once your mentor has approved your milestone document, please share the github repository URL on the community and ask the community for feedback.

While we require only one milestone report, we encourage you and your mentor to plan multiple milestones, especially for more complex projects.