Progress Report 3

For this progress report, please include the following in an .Rmd file (<u>knit this to either html or pdf and submit the knit file</u>). Only ONE group member needs to submit this report. Please upload it to the LMS under Progress Report 3. Make sure to list all group members on your report.

Written portion (include in text in your .Rmd file):

1. Introduction/foundation/beginning of your report (note: some of these are the same asks from PR#2. Some of your text may be the same as PR#2; however, as you work through the data, you also likely have updates/edits to make):
   a. Foundational literature that grounds this work in something real (I do not need a full-blown literature review, but something to show that your work is not coming out of left field).
   b. Your main research question(s). Remember – we are focused on PREDICTION for this class.
   c. Why this is an interesting/relevant question? This needs to be interesting/relevant to an audience beyond just your group. How will this work inform the field?
      i. If the order of a/b/c above doesn't work for your project, please feel free to reorient them as needed.

Coding portion (in the same .Rmd file – again, some of this will be the same as the last progress report – but some of it has also likely been updated):

2. Code that accesses/reads in a dataset that contains your dependent variable.
3. A univariate graphic showing your dependent variable (or, if you are analyzing multiple DVs/models, a univariate graphic for each).
4. Results of two different analyses that predict your dependent variable (conditional means and either regression or classification).
5. Two graphics that show the results of your analyses above. (e.g scatterplot, bar plot).

Final written portion (include in text in the same .Rmd file):

6. Your groups planned next steps (hint hint: you should be thinking about model validation in the coming weeks).