## **Goal 5 – Exploratory Data Analysis**

20% of project grade (8% of final grade)

- You will submit your data and Rscript used in the analysis. I will run your code, so be sure to clearly annotate code.
- You will submit a 2 to 3 page pdf report that consists of:
  - 1. Restate hypotheses and problem (no more than 4 lines)
  - 2. 2 tables (could have been created from Goal 4)
    - a. You need to provide a justification for creating each table
    - b. Also provide observations from the tables
  - 3. 4 plots (could use tables created in goal 4 to generate plots, but should be different tables from the 2 tables above)
    - a. You need to provide a justification for creating each plot
    - b. Also provide observations from the plots

Only 1 table and 1 plot are allowed to be one dimensional (using only one grouping variable).

**Note:** This should be written-up and formatted as if you are submitting to the company that hired you.