Final Project Planning

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Partner, if applicable:

Workflow

1. What is your data about?   
     
   My data is about American Football stats and I will compare them to other winning teams to determine which one is currently the best team and have the best odds to winning a Super Bowl.
2. What is the structure and source of your data? (e.g., csv, excel, R package, github – fill out as much info as you can.)  
     
   Excel, official nfl website, fantasy football, github
3. How will you need to clean the data?  
   I will need to filter out all of the data from the losing teams and look at the stats of currently winning teams.

**Repeat steps 4-7 as often as needed.**

1. What variables in the data do you find interesting?  
    The variables I find interesting is the defensive stats, passing and rushing yards, total yards allowed, and the different types of plays that are called.
2. What relationships between variables or groups might be interesting?   
   The relationships I think could be interesting is what certain plays are called and the defensive stats. What offensive plays are called usually determines how good an offensive is and how well they can adapt to the different defensive schemes their opponents come up with.
3. For each of your answers to 4 and 5, consider: how would you find out more about the interesting things?   
   I would watch some of the plays on youtube to and record what happens and try to find more data sets for what the info I need.
4. Once you find interesting relationships, how could you best communicate them?   
   I will try to highlight the interesting relationships visually with my graphs and the different data sets I found.

## Quick Checklist:

1. Do you understand the “business” aspects? Can you explain the topic and the questions in a few sentences?
2. Do you understand what variables are available and what they contain?
3. Have you cleaned and organized your data?
4. Exploratory Data Analysis – do it!
5. Visualization of the results of the exploration – do it!
6. Have you looked at the rubric?