**6/6/18 - Notes**

Presentation Ideas

1. Investors Pitch: We’re craft beer lovers who are looking for funding to start our own microbrewery in Dallas, TX.
2. Consulting Firm – Private Sector: We’re consultants who have been asked by our clients to assess the market size and competition on where they should open a brewery and what type of beer they should brew.

**6/12/18 – Notes**

* Each sub-team should set meeting to discuss data clean
  + Andy, Rajat to clean breweries.csv
  + An, Jodi, Tori to clean beer.csv
  + Output:
    - Tidy CSV of each
    - Strategy and Explanation of Tidying the data
  + Per the Case Study assignment, we are to ignore missing values in our analysis
* Deadline for both tidy files is next Monday (6/18/18) before we meet.
* Set a time for next Monday’s meeting
* After completing tidying, merge the two files and answer the questions.
* Spend most of next Monday’s meeting discussing presentation format, talking points, and any visuals.
  + Need to ask Dr. Chuen if there are any restrictions for the presentation deck.
* Start thinking about our presentation conclusion for the client.

**6/17/18 – Presentation Format – total time : 14 minutes**

* Introduction (2 Mins)
  + First, thank you for your time and the opportunity to provide our findings from the raw data your team sent. We very much enjoyed it and have confidence the information presented today will help guide your breweries decision on its future. Before we continue, I want to introduce our team of data scientist.
  + (Everyone shares name, city, and favorite type of beer)
    - An Nguyen
    - Tori Wheelis
    - Rajat Chandra
    - Jodi Pafford
    - Andy Ho
  + For the time allocated today, we’ll share our process, specific findings, and summary. To start it off, we’ll have Jodi and An touch on how they cleaned up the beer file.
* Tidying Data Process (6 Mins)
  + Beer – Jodi and An
  + Brewery – Rajat and Andy
* Answers to Questions (6 mins) – Tori and An
  + How many breweries are present in each state?
  + Merge beer data with the breweries data. Print the first 6 observations and the last six observations to check the merged file.
  + Report the number of NA's in each column.
  + Compute the median alcohol content and international bitterness unit for each state. Plot a bar chart to compare.
  + Which state has the maximum alcoholic (ABV) beer? Which state has the most bitter (IBU) beer?
  + Summary statistics for the ABV variable.
  + Is there an apparent relationship between the bitterness of the beer and its alcoholic content? Draw a scatter plot.
* Closing and QA (2 Mins) – Jodi
  + Thanks again for giving us this opportunity. We wanted to leave some time for questions.