

Name: _____

Date: _____

Practicum What Stresses Us?

We made a data set that merged our *Stress/Chill* data with our *Personality Color* data. You will use these data to answer the following research questions:

- Do color personalities really predict a person's personality?
- Do people with different personality colors tend to have different stress levels?

Based on the merged data, you need to:

1. Write a one-page report to address these research questions. Use the Data Cycle. Your analysis should include both numerical methods (means, medians, etc.) and graphical methods (plots). The research questions are fairly broad, and you should first think of simpler statistical questions you could ask that would address these research questions.
2. In your report, be sure to:
 - a. Provide the plot(s) and numerical summary (or summaries).
 - b. Describe what the plot shows.
 - c. Explain why you chose to make that particular plot.
 - d. Explain how the plot and numerical summary answers your statistical question.
3. Present your report to another member of the class who is not on your team.
 - a. Make sure to include any relevant plots or numerical summaries that you use to make *any* conclusion in your analysis.