STS 2300 – Project 2 Companion Reflection

# Paper Explaining How You Demonstrated Proficiency in STS 2300 Topics

Write a short (approximately 2 page) paper explaining how your R Markdown file demonstrates your proficiency in the topics from the semester. For each topic, you will have flexibility in how you demonstrate your abilities, but you will need to make your case for why what you did demonstrates proficiency. Typically, this means more than a couple lines of code using only 1 or 2 things learned about that topic.

For Project 2, you had to do at least two of the following three things:

* Create a regression line related to your question of interest
* Calculate a confidence interval related to your question of interest
* Conduct a hypothesis test related to your question of interest

Your paper **must include a discussion on the two items you chose from the list above.** You must explain how you demonstrate mastery of those topics.

In addition to the discussion of analyses, you must also discuss at least two of the following (as relevant to your project):

* R Markdown coding (e.g., headers, links, formatting like bolding or italicizing, lists)
* Data management (e.g., subsetting data, variable creation, variable renaming, use of piping, converting from wide to long format, joining data frames)
* Data summary and formatting (e.g., appropriate numeric and table summaries, summaries by groups, kableExtra tables)
* Data visualization (e.g., ggplot graphs, infer visualizations)

**Submission:** A hardcopy of the paper. (No digital file needed)

**Due Date (tentative)**: Friday, December 6, by the start of class

**Audience**: The instructor or an interviewer assessing your ability to code and demonstrate data analytics knowledge and skills