

# Assignment 7

EDH7916 | Spring 2020

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***NOTE** This assignment needs to be completed by the start of the next class. That means everything pushed to your remote GitHub repo before class starts. If you are unsure whether you have successfully pushed your changes, check the online version of your repo at GitHub.com. If you can see your changes there, I can see them too.*

*Remember, I encourage you to save your work, commit smaller changes, and push to your remote GitHub repo often rather than wait until the last minute.*

Using your project data, please make the following figures in a file called `final_project_figures.R` (placed in your `final_project` folder.:

1. A histogram showing the distribution of one continuous variable.
2. A box plot showing the distribution of one continuous variable across a discrete variable.
3. A scatter plot showing the relationship between two continuous variables.
4. **Either** (depending on your data / question):
  1. A line graph showing changes over time.
  2. A histogram that compares differences in the distribution of one continuous variable between groups.

Please give a one to two sentence explanation (in your script comments) of each figure.

## **BONUS**

1. Make a faceted figure that shows multiple plots, one for each value in a categorical variable.