# [OPTIONAL] Bonus Assignment

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*More details to follow in class today November 22.*
*We will make an announcement on D2L when this assignment is published.*

Welcome to the bonus assignment!

This is an optional assignment so don't feel any pressure to do it. However, for those who would like some extra credit (and we did have a few requests about that) this assignment is designed for that exact purpose.

The idea of this assignment is to get a head start on your final project. As we know, a lot of data science is not only doing research but also communicating those findings to the broader public.

One of the ways scientists do that is through the use of various visualizations. Now, for the purposes of this course and the final project of this course we do not ask you to make the best data visualization ever – your time is probably going to be spent more on finding the relevant data sources and making meaningful analysis of this data.

Nevertheless, if you already have an idea of the type of data you are planning on using for your final project, and you have a sense of where and how to get that data – this bonus assignment is going to be very easy.

**Requirements:**

1. Find a suitable data source that can be used for your final project assignment
2. Get a sample of the data (you do not need to collect all of the data)
3. Visualize your data using a method of your choosing (please refer to the slides of week 14 for the various options on data visualization techniques)
4. Submit a screenshot image of your visualization along with an updated README.md file in the github repository that you would use for your final project.
5. Profit?

***Note that this bonus assignment is due on December 1, 2022 (4PM PST)***