

Thinking Digitally: Data Visualization Lab Day

This lab day will give you another opportunity to put what you have learned about effective data visualizations and visual explorations of data into practice. We will have open work time for completion of an assignment of your choice, and at the end of class you will have time to work on a short blog post. You have several options for what to do with this time. Please choose **one** of the following:

1. Continue working with data in Tableau:

You may finish refining the map visualization that you started working on in class Monday. Or, you may try out a new type of visualization in Tableau that we did not explore yet. The updated class dataset and more instructions on creating visualizations in Tableau are on CLEo in Assignments.

2. Look at the Spring Break data using different tools and techniques:

You may want to look at the textual data we collected in response to the survey questions over spring break using a tool like Voyant. (<https://voyant-tools.org>) You could also examine the aggregated image slideshow on CLEo. Remember that the role of visualization in this case might not be to answer a question, but to help you formulate further research questions based on trends you are observing.

3. Work with a different data set, perhaps for your final project?:

You also have the option of working with another dataset of your choice. You could revisit the data you collected on yourself earlier in the term, or play with one of Tableau's sample data sets (available on <https://public.tableau.com/en-us/s/resources>) or any other data you find compelling.

Blog Post- Due at the End of Class

Please write two paragraphs in response the following prompt:

1. What question is your data/capta trying to answer through your visualization? If you didn't find a question you could answer, what further investigations do you think would be necessary?
2. In what ways is your data adequate or inadequate for answering this question?
3. How does your visualization work to explain something about your data that would otherwise be difficult to see?