# University of Utah
# School of Computing

**Due April 5, 2018 at the start of class.**

**Project 4 Bonus** is an additional bonus mini project, with a total of 5 possible points.

It serves as a followup project of project 4. It is graded separately.

**Project description**:

Physical visualization can be used as a way to inspire and conceptualize virtual visualization.

This project is designed to learn how to create *virtual visualization* from physical visualization.

Please create a visualization on the computer screen that realize your physical visualization from Project 4 as a virtual product.

Your visualization does not have to be identical to your physical visualization. It does not have to use the exactly the same datasets. However, please follow the guidelines below:

- Describe the data used for the visualization.

- If the data used by the virtual visualization is not identical to the one used by the physical visualization, it has to be at least similar; explain the data similarities and differences.

- It is recommended to use D3.js to create a web-based visualization; however, you are welcome to use other development tools.

- Please explain what insights you obtain from the virtual visualization? How is it different from the physical visualization?

## Submission

The project will be graded based on a report following the above guideline. Please include a description of your virtual visualization; provide a link in your report where your visualization is deployed; if that is not available, please provide at least screen shots describing the functionality of your visualization.

Project 4 Bonus is to be submitted as a PDF via Canvas.