## Project 1: Building a Dashboard

Due Date: 9/21/2018

Creating multiple types of visuals from the same data is an important way to convey information to application users. Students will create a Dashboard using a static download of an Open Data or a Dataset from their own place of employment (make sure you have permission to use it for this assignment first!)

Students may make their application in either flexdashboard or shinydashboard layouts and deployed onto shinyapps.io.

Directions: It must include at least three (4) filters, three (3) single numeric based boxes/gauges, one (1) datatable, and three (3) interactive and responsive charts. These elements should be places throughout a dashboard with at least three (3) pages with an analytical themes or question about the data. On the server side your plots and tables must utilize the reactive function for any and all datasets.

Reminder Input Types are:

* Numeric
* Text
* Other/miscellaneous

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| Standard | Weight | 100-90 | 80-89 | 70-79 | 60-69 | 50-0 |
| Code Standards | 20 | All code meets Style Guide standards | Most code meets Style Guide standards | Some code meets style Guide standards | Little code meets Style Guide standards | No code meets Style Guide standards |
| Git Commits | 30 | All git commits are clear | Most git commits are clear | Some git commits are clear | Few git commits are clear | No git commits are clear |
| App functionality | 60 | All assigned and extra elements and portions of the app work as expected | All assigned and a few extra elements and portions of the app work as expected | All assigned elements and portions of the app work as expected | Some assigned elements and portions of the app work as expected | None of the assigned elements or portions of the app work as expected |
| User Interface | 40 | All UI elements are clearly labeled and function properly | All UI elements are labeled and function properly | All UI elements function properly | Some UI elements function properly | No UI elements are labeled nor function properly |