## Homework 1: A Basic UI with Visuals

Due Date: 9/7/2018

Creating a basic UI is necessary to understanding how to organize shiny applications for users. Students are expected to choose one of the layouts discussed during the first week of class and create a basic layout using one of the generic datasets provided in some R packages (mtcars, diamonds, starwars, etc).

The UI should have two (2) input elements and one (2) plots and/or data table. The input elements do not have to interact with the plots or data tables for this assignment, they simply must be present in the UI.

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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 |