## Project 2: Building a Leaflet Map with Inputs and Web API’s

Due Date: 10/4/2018

To bring the entire course together students will create an interactive map that includes one (1) interactive map, one (1) datatable, and one (1) interactive chart or graph that pulls from a web API. The app should have at least two different types of layers (points/markers, lines or polygons) and at least four (4) input commands and the ability for the user to download the raw data they are viewing.

Applications should be deployed and working on shinyapps.io.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 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 |