Interactive data display with Shiny and R

Shiny lets you create interactive web apps with R —no HTML, JavaScript or CSS knowledge required. This tutorial will teach you how to build Shiny apps with a hands on exercise. You will:

- Build an interactive web app with R and Shiny

- Customize the app by adding bootstrap widgets, changing font styles, adding images, and controlling how the app responds to user input

- Learn how to host and publish your Shiny app

- Learn the best resources to keep learning Shiny

Taught by Garrett Grolemund, Master Instructor and Data Scientist at RStudio.

Who should take this tutorial?

Students should be proficient in basic R programming, but do not need to know anything about Shiny or HTML. If you would like to assess your R skills, please take the quiz at http://shiny.rstudio.com/tutorial/quiz/.

What should you bring?

This tutorial is built around hands on exercises. All students should come to class with a laptop computer that has the latest versions of R (3.1.0) and RStudio (0.98.945) installed.

Please download the course materials (slides and data) before arriving. Course materials are now available at http://bit.ly/useR-shiny. Please download the materials to your laptop before arriving at the course.

Please also run the R code below to install the latest versions of the packages that we will use.

```
install.packages(c("devtools", "ggplot2", "knitr", "yaml", "htmltools"))
devtools::install_github("babynames", "hadley")
devtools::install_github("shiny", "rstudio")
devtools::install_github("rmarkdown", "rstudio")
```