

## Reading Set 3a: Before Watching Shiny Video

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Due by 10pm ET on Monday

### Interactive Web Apps with Shiny

Chapter 14 in MDSR explores a few different alternatives for making more complex and dynamic graphics. In this course, we will focus on building interactive web apps with Shiny (Section 14.4). *The textbook reading is optional this week*; if you want to get a sense of other ways to create dynamic visualizations in R, you can read through the chapter. Instead of coding along with the textbook chapter, you will code along with a Shiny Tutorial video created by RStudio.

Before watching the video, you should get a sense of what exactly a Shiny App is!

### 1. Set up your machine

*Complete this section in the Console of RStudio.*

If you're working in R/RStudio on your own machine, you may need to install the **shiny** package

```
install.packages("shiny")
```

To ensure you successfully installed **shiny**, first load the package:

```
library(shiny)
```

Then try running one or more of the demo apps listed below (copy and paste a line of code into the Console).

```
# Run some examples to ensure shiny package is successfully installed
runExample("01_hello")
runExample("06_tabsets")

# See what other examples are available
runExample()
```

### 2. Explore the Shiny gallery

Go to [the Shiny gallery](#) to explore various Shiny apps and get a sense of the (seemingly endless) possibilities for a Shiny app.