

# Mastering Shiny

Wickham, H. (2021). Mastering shiny. O'Reilly Media, Inc.

## 1 Your First Shiny App

## 2 Basic UI

## 3 Basic Reactivity

## 4 Case Study: ER Injuries

## 5 Workflow

### 1. Development

1. Type *shinyapp* in .R file to insert Shiny app snippet
2. Keyboard shortcut to run the app: *Ctrl+Shift+Enter*
3. Relaunch app after every save with background job:

- add script `shiny-run.R` to folder with `app.R`:

```
options(shiny.autoreload = TRUE)
shiny::runApp()
```

- with active `shiny-run.R`, RStudio > Tools > Background Jobs > Start Background Job
- copy URL from Jobs pane and run `rstudioapi::viewer("<URL>")`

### 2. Debugging

- 1.

### 3. Reprexes

## 6 Layout, Themes, HTML