



# Essentials

Mine etinkaya-Rundel

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# Meet & greet



Mine Çetinkaya-Rundel

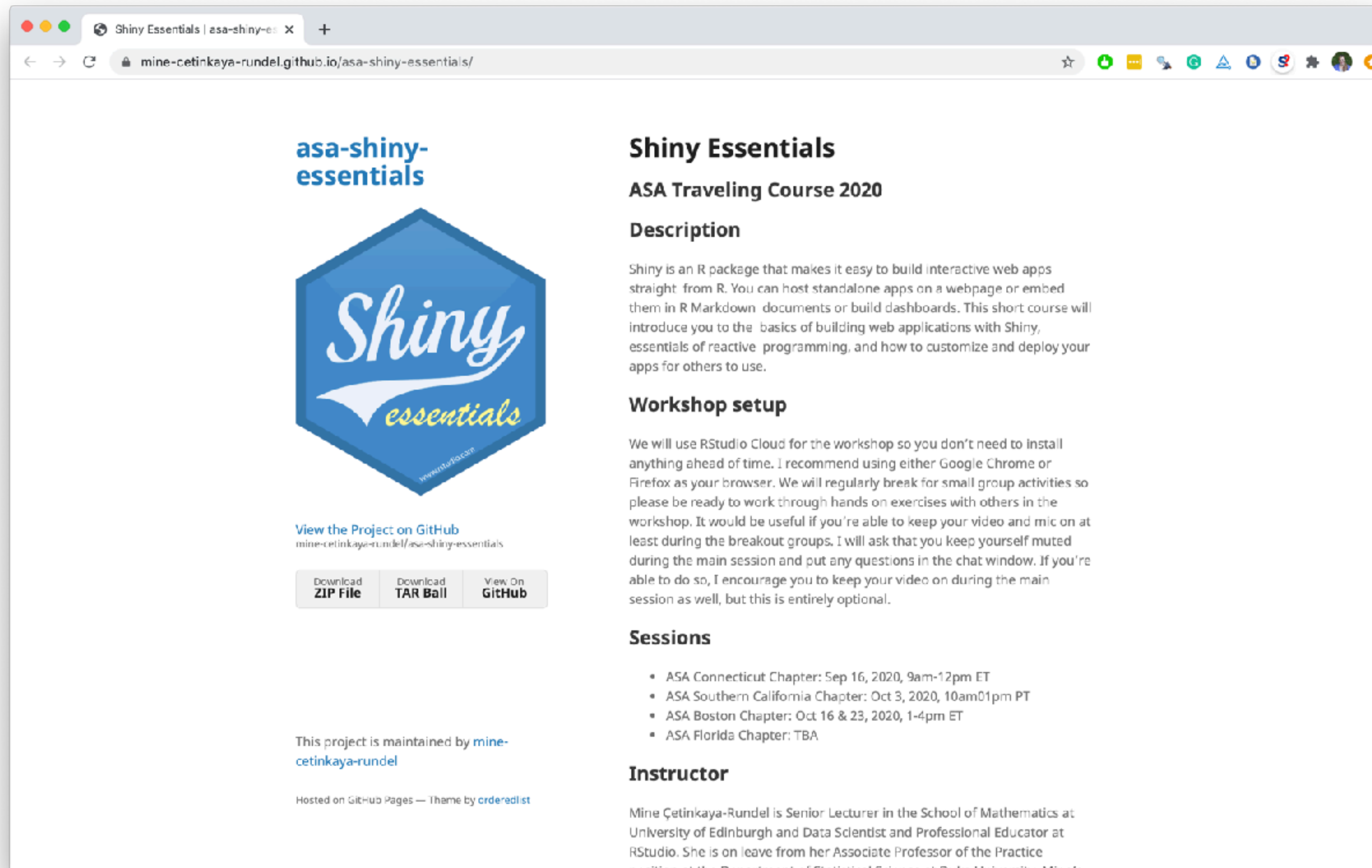
Senior Lecturer, University of Edinburgh

Professional Educator & Data Scientist, RStudio

Associate Professor of the Practice, Duke Statistical Science




# rstd.io/asa-shiny-essentials



Shiny Essentials | asa-shiny-essentials

mine-cetinkaya-rundel.github.io/asa-shiny-essentials/

## asa-shiny-essentials



[View the Project on GitHub](#)  
mine-cetinkaya-rundel/asa-shiny-essentials

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## Shiny Essentials

### ASA Traveling Course 2020

#### Description

Shiny is an R package that makes it easy to build interactive web apps straight from R. You can host standalone apps on a webpage or embed them in R Markdown documents or build dashboards. This short course will introduce you to the basics of building web applications with Shiny, essentials of reactive programming, and how to customize and deploy your apps for others to use.

#### Workshop setup

We will use RStudio Cloud for the workshop so you don't need to install anything ahead of time. I recommend using either Google Chrome or Firefox as your browser. We will regularly break for small group activities so please be ready to work through hands on exercises with others in the workshop. It would be useful if you're able to keep your video and mic on at least during the breakout groups. I will ask that you keep yourself muted during the main session and put any questions in the chat window. If you're able to do so, I encourage you to keep your video on during the main session as well, but this is entirely optional.

#### Sessions

- ASA Connecticut Chapter: Sep 16, 2020, 9am-12pm ET
- ASA Southern California Chapter: Oct 3, 2020, 10am-01pm PT
- ASA Boston Chapter: Oct 16 & 23, 2020, 1-4pm ET
- ASA Florida Chapter: TBA

#### Instructor

Mine Çetinkaya-Rundel is Senior Lecturer in the School of Mathematics at University of Edinburgh and Data Scientist and Professional Educator at RStudio. She is on leave from her Associate Professor of the Practice position at the Department of Statistical Science at Duke University. Mine's



# Workshop activities

OPTION 1



[rstudio.io/asa-shiny-cloud](https://rstudio.io/asa-shiny-cloud)

log in and sit tight

OPTION 2



[rstudio.io/asa-shiny-essentials](https://rstudio.io/asa-shiny-essentials)

download ZIP file



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# Asking for help

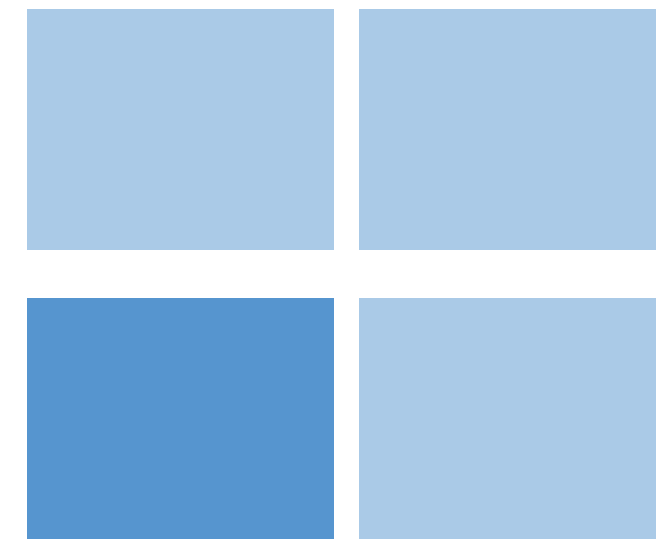


Raise hand



Ask in chat

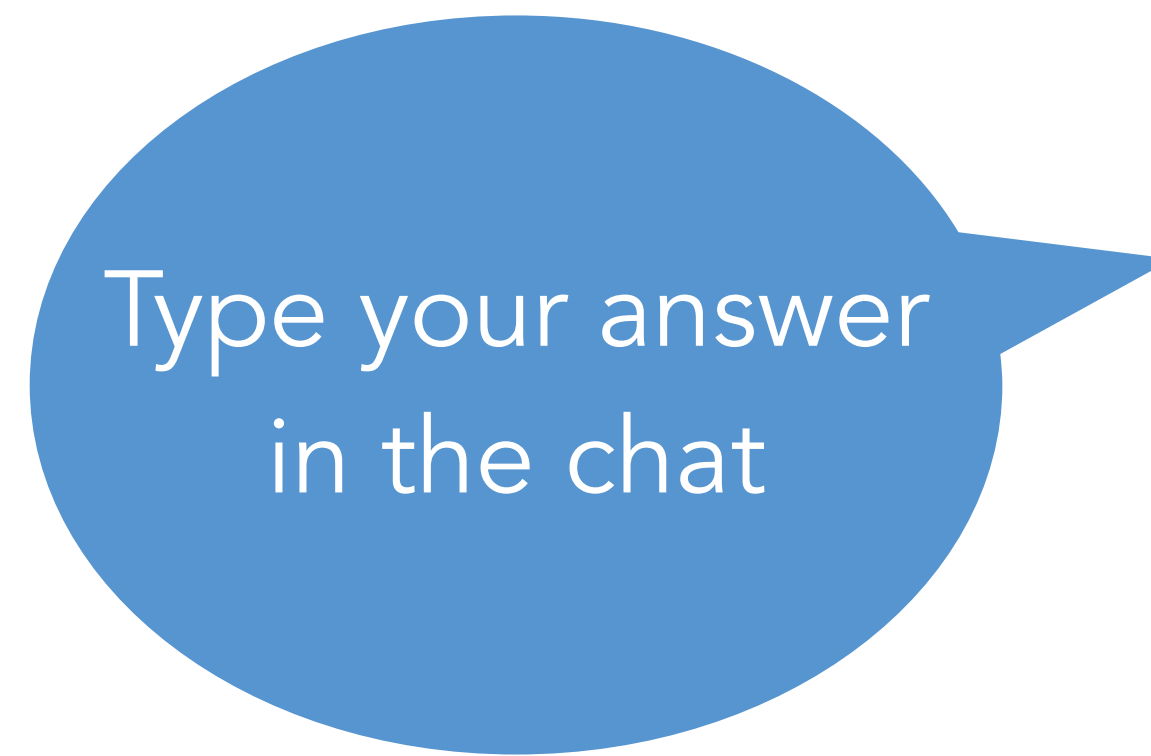
# Activities



## YOUR TURN



## DEMO



## QUESTION



## SOLUTION





- Meet and greet
- Get access to materials on RStudio Cloud or download them to work on the exercises locally



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# Overview

- 01 - Getting started with Shiny
- 02 - Understanding reactivity
- 03 - Designing UI
- 04 - Dashboards
- 05 - Modules
- 06 - Troubleshooting
- Lots of info!
- Lots of "your turn" breaks

