

Day 2: Advanced data visualization with R

Introduction

Presented by Di Cook

Department of Econometrics and Business Statistics



MONASH University

8-9th Dec 2021 @ Statistical Society of Australia | Zoom



Di Cook
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About your instructor

- In July 2015 I moved home to Australia after many years of education and work in the USA
- I have been using R since it first emerged from Auckland, NZ in 1995, and I am an elected member of the R Foundation 🎓
- I am one of four editors of the R Journal editorial team that publishes articles about R packages ☰
- My main statistical application areas are sports, ecology and bioinformatics; and I like to develop new software



Mitchell O'Hara Wild

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About your helper

- Mitchell O'Hara-Wild is a data science developer, consultant, educator, and hobbyist.
- He is the lead developer of many R packages, including the tidy time series forecasting package 'fable', and R Markdown CV writing package 'vitae'.
- Mitchell also teaches data analysis skills and undertakes research at Monash University in Australia.
- Data also finds its way into his hobbies, to help manage the veggie patch, chickens, bees and more.



Please say hello in the chat!

What did you like most about yesterday's workshop?

Schedule

Time	Activity
9.00-9.45	Lesson 1: Overview of tools for interactive plots
9.45-10:00	<i>Break</i>
10:00-10.45	Lesson 2: Digging deeper into reactive elements in shiny
10.45-11.00	<i>Break</i>
11.00-12:00	Lesson 3: Web apps to deliver effective data visualisation

Getting Started

 <http://emitanaka.org/datavis-adv-workshop/>

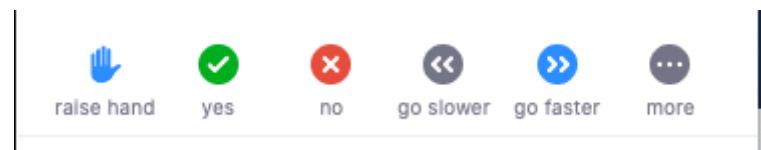
 Click [here](#) to download today's materials as a ZIP file.

Help me!

You can write in the chat.

You can ask (unmute yourself).

You can raise hand from zoom under Participants.



We'll come around in breakout sessions.

Session Information

```
devtools::session_info()
```

```
## - Session info -----
##   setting  value
##   version R version 4.1.0 (2021-05-18)
##   os        macOS Big Sur 10.16
##   system   x86_64, darwin17.0
##   ui        X11
##   language (EN)
##   collate  en_AU.UTF-8
##   ctype    en_AU.UTF-8
##   tz       Australia/Melbourne
##   date     2021-12-08
##
## - Packages -----
##   package * version  date lib source
##   anicon      0.1.0   2021-07-14 [1] Github (emitanaka/anicon@0b756df)
##   bslib       0.3.1   2021-10-06 [1] CRAN (R 4.1.0)
##   cachem      1.0.6   2021-08-19 [1] CRAN (R 4.1.0)
##   callr       3.7.0   2021-04-20 [1] CRAN (R 4.1.0)
##   cli         3.1.0   2021-10-27 [1] CRAN (R 4.1.0)
##   crayon      1.4.2   2021-10-29 [1] CRAN (R 4.1.0)
##   curl        4.3.3   2021-09-22 [1] CRAN (R 4.1.0)
##   desc        2.0.1   2021-02-18 [1] CRAN (R 4.1.0)
##   digest      0.2.10  2021-02-18 [1] CRAN (R 4.1.0)
##   ellipsis    0.3.2   2021-04-29 [1] CRAN (R 4.1.0)
##   evaluate    0.14.0  2021-05-12 [1] CRAN (R 4.1.0)
##   fastmap     2.0.1   2021-01-25 [1] CRAN (R 4.1.0)
##   fs          1.5.0   2021-05-05 [1] CRAN (R 4.1.0)
##   glue        1.4.2   2021-04-23 [1] CRAN (R 4.1.0)
##   gridExtra   2.3.0   2021-04-22 [1] CRAN (R 4.1.0)
##   httpuv      1.6.5   2021-04-22 [1] CRAN (R 4.1.0)
##   jsonlite    1.7.3   2021-02-20 [1] CRAN (R 4.1.0)
##   knitr       1.37.0  2021-05-12 [1] CRAN (R 4.1.0)
##   magrit      2.0.1   2021-04-22 [1] CRAN (R 4.1.0)
##   mnormt     1.5.5   2021-04-22 [1] CRAN (R 4.1.0)
##   pillar      1.6.1   2021-04-22 [1] CRAN (R 4.1.0)
##   purrr      0.3.4   2021-04-22 [1] CRAN (R 4.1.0)
##   R6          2.5.1   2021-04-22 [1] CRAN (R 4.1.0)
##   rlang       0.4.11  2021-04-22 [1] CRAN (R 4.1.0)
##   rmarkdown   2.11.0  2021-05-12 [1] CRAN (R 4.1.0)
##   rprojroot   2.0.2   2021-04-22 [1] CRAN (R 4.1.0)
##   rvest       0.3.5   2021-04-22 [1] CRAN (R 4.1.0)
##   servr       1.0.1   2021-04-22 [1] CRAN (R 4.1.0)
##   stringr    1.4.0   2021-04-22 [1] CRAN (R 4.1.0)
##   tidyselect   1.1.1   2021-04-22 [1] CRAN (R 4.1.0)
##   vctrs       0.3.6   2021-04-22 [1] CRAN (R 4.1.0)
##   withr       2.4.2   2021-04-22 [1] CRAN (R 4.1.0)
```

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