

# Day 2: Diving Deeper into Data Visualization with R

## Introduction

Presented by Di Cook

Department of Econometrics and Business Statistics



MONASH University

12 Nov 2020 @ Statistical Society of Australia | Zoom



Di Cook  
*Professor of Business Analytics*  
Monash University

🌐 <https://dicook.org/>  
✉️ dicook@monash.edu  
🐦 @visnut

# 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



Fan Cheng  
*PhD Student*  
Monash University

🌐 <https://fancheng.me/>

✉️ Fan.Cheng@monash.edu

🐦 @fanchengfc

# About your helper

- I am a second-year PhD student in Statistics at Monash
- I work for the Monash Data Fluency team to teach workshops on R, Python, Git and Unix
- My research project is about manifold learning based on empirical probability distributions. If you are interested, I am more than happy to talk about it :)

There are new participants today, so please  
Introduce yourself (again) in the chat!

- What's your profession?
- Where do you live?
- What's your hobby?
- What's one thing you want everyone  
to know (about you)?



# Schedule

Time	Activity
1.00-1.30	Registration + Installation Help
1.30-2.00	<b>Lesson 1:</b> Check your ggplot2 knowledge
2.00-2.15	<i>Break out session</i>
2.15-2.45	<b>Lesson 2:</b> Making maps
2.45-3.00	<i>Break out session</i>
3.00-3.30	<i>Coffee Break</i>
3.30-4.00	<b>Lesson 3:</b> Getting your plots to talk back
4.00-4.15	<i>Break out session</i>
4.15-4.45	<b>Lesson 4:</b> Determining best plot design
4.45-5.00	<i>Break out session + Conclusion</i>

# Get Started

```
usethis::use_course("emitanaka/datavis-workshop-ssavic",  
                     destdir = "[YOUR DIRECTORY]")
```

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



If you had any issues installing any packages or software  
go to:

 <https://rstudio.cloud/project/1487877>

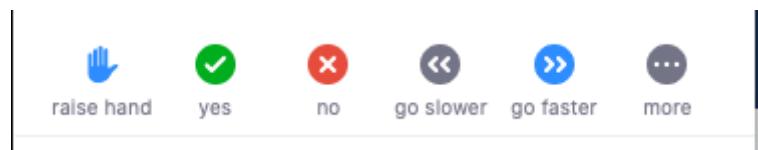
and save a permanent copy to your RStudio Cloud  
account for the R exercises.

# 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 4.0.1 (2020-06-06)
##   os        macOS Catalina 10.15.7
##   system   x86_64, darwin17.0
##   ui        X11
##   language (EN)
##   collate  en_AU.UTF-8
##   ctype    en_AU.UTF-8
##   tz       Australia/Melbourne
##   date     2020-11-12
##
## - Packages -----
##   package      * version  date lib source
## 
```

These slides are licensed under

