

# Day 1: Dipping your toes into Data Visualisation with R



## Getting started

Presented by Emi Tanaka

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# About your instructor

- I moved to Melbourne in Jan 2020 to start my job at Monash
- I teach R at university courses as well as use it daily for research and hobby 🐱
- If you ever wonder who answers those stackoverflow questions, I'm one of those magic fairies 🧚



- My main statistical application is agriculture and bioinformatics; these days I do more software



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# 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 :)



## Introduce yourself in the chat!

What's your profession?

Where do you live?

What's your hobby?

What's would you like for people to know about you?

# Schedule

Time	Activity
8.30-9.00	Registration + Installation Help
9.00-9.30	<b>Lesson 1:</b> Getting started with grammar of graphics
9.30-9.45	<i>Break out session</i>
9.45-10.15	<b>Lesson 2:</b> Multiple layers, facetting and tidying your data
10.15-10.30	<i>Break out session</i>
10.30 - 11.00	<i>Coffee Break</i>
11.00 - 11.30	<b>Lesson 3:</b> Scales and color
11.30-11.45	<i>Break out session</i>
11.45 - 12.15	<b>Lesson 4:</b> Publication-ready plots
12.15-12.30	<i>Break out session</i>

# Getting 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>

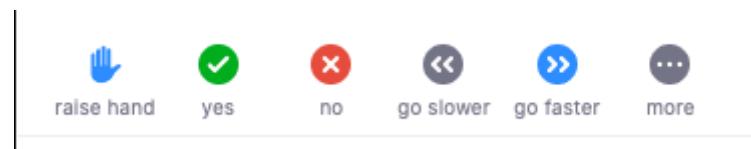
and save a permanent copy to your RStudio Cloud account for the R exercises.

# 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     2020-11-06
##
## - Packages --
##   package      * version  date lib source
## 
```

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