R for Data Science

R for Data Science workshop

2019-05-01 (updated: 2019-05-15)

Welcome

Welcome

Workshop goals

- Introduce R, RStudio, and the Tidyverse
- Learn enough to begin using R for real work
- Overview of what is available

Welcome

My goals for me

- Practice run
  - Materials
  - RStudio Cloud
- Feedback so I can improve the workshop
- Have fun

Welcome

Introductions

- Your name
- Why are you here?
- One other thing about you

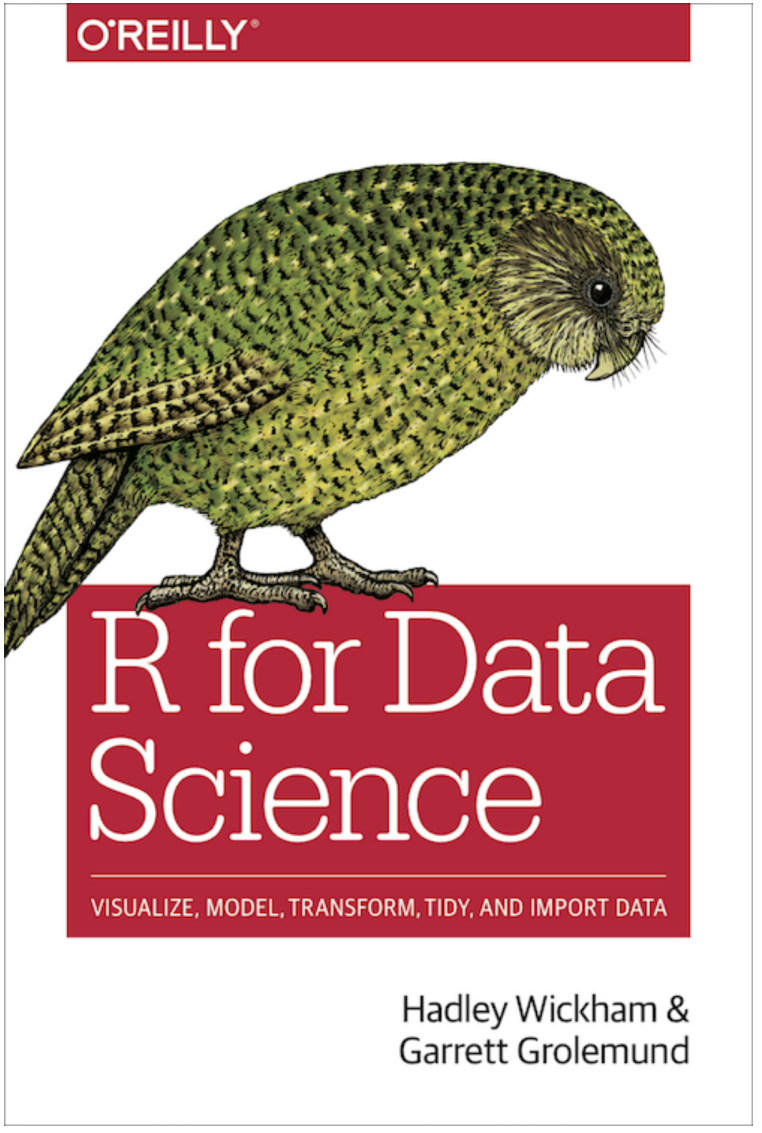
Welcome

Outline

- Introduction to RStudio Cloud
- Visualizing data with ggplot2
- Data wrangling with dplyr and tidyr
- Exploratory data analysis
- R programming
- RMarkdown
- Shiny

Logistics

- Breaks
- Lunch (on your own)
- Rest rooms


O'REILLY
R for Data Science
VISUALIZE, MODEL, TRANSFORM, TIDY, AND IMPORT DATA
Hadley Wickham &
Garrett Grolemund

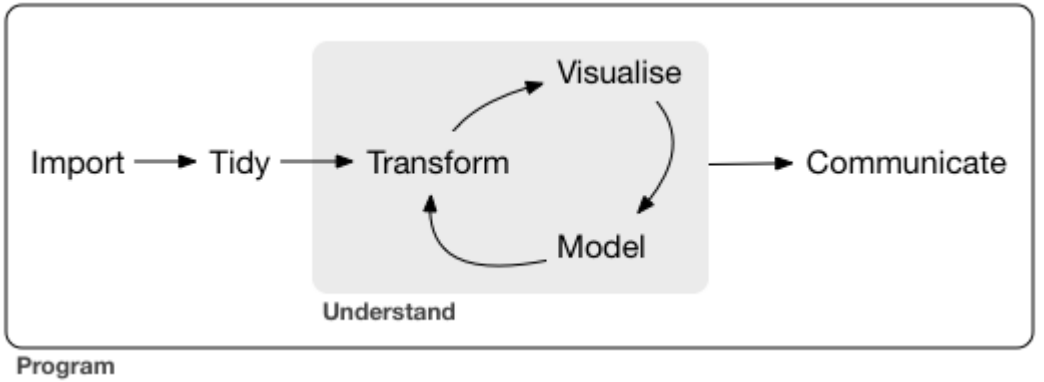


Image source: R for Data Science by Hadley Wickham & Garrett Grolemund.

Your turn

RStudio Cloud

RMarkdown notebook

exercises/00-introduction.Rmd