

# R for Data Science

R for Data Science workshop

2019-05-01 (updated: 2019-05-16)

# Welcome

## Workshop goals

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

# RStudio Cloud

Everyone should have an RStudio Cloud account.

Everyone should be a member of the shared RStudio Cloud workspace for the workshop.

## Your turn

Open the `r-for-data-science` project, open the following file, and follow my instructions:

**[demos/data-visualization-with-ggplot2/eat-cake-first.R](#)**

Credit: [Mine Çetinkaya-Rundel](#)

# Welcome



# Welcome

My goals for me

- Practice run for July 17 **KCDC** workshop
  - Materials
  - Demos
  - Exercises
  - RStudio Cloud
- Can someone please time each section?
- 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
- [lunch?]
- Exploratory data analysis
- R programming
- RMarkdown
- Shiny

# Logistics

- Thanks to Scott Burklund / Preverity for sponsoring coffee
- Breaks
- Lunch (on your own)
- Rest rooms



O'REILLY®



# R for Data Science

VISUALIZE, MODEL, TRANSFORM, TIDY, AND IMPORT DATA

Hadley Wickham &  
Garrett Grolemund

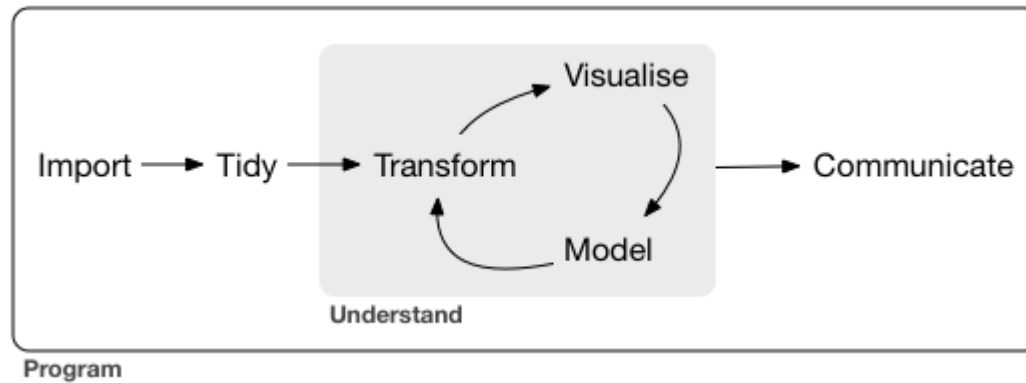


Image source: [R for Data Science](#) by Hadley Wickham & Garrett Golemund.

# Your turn

RStudio Cloud

RMarkdown notebook

**[exercises/00-introduction.Rmd](#)**