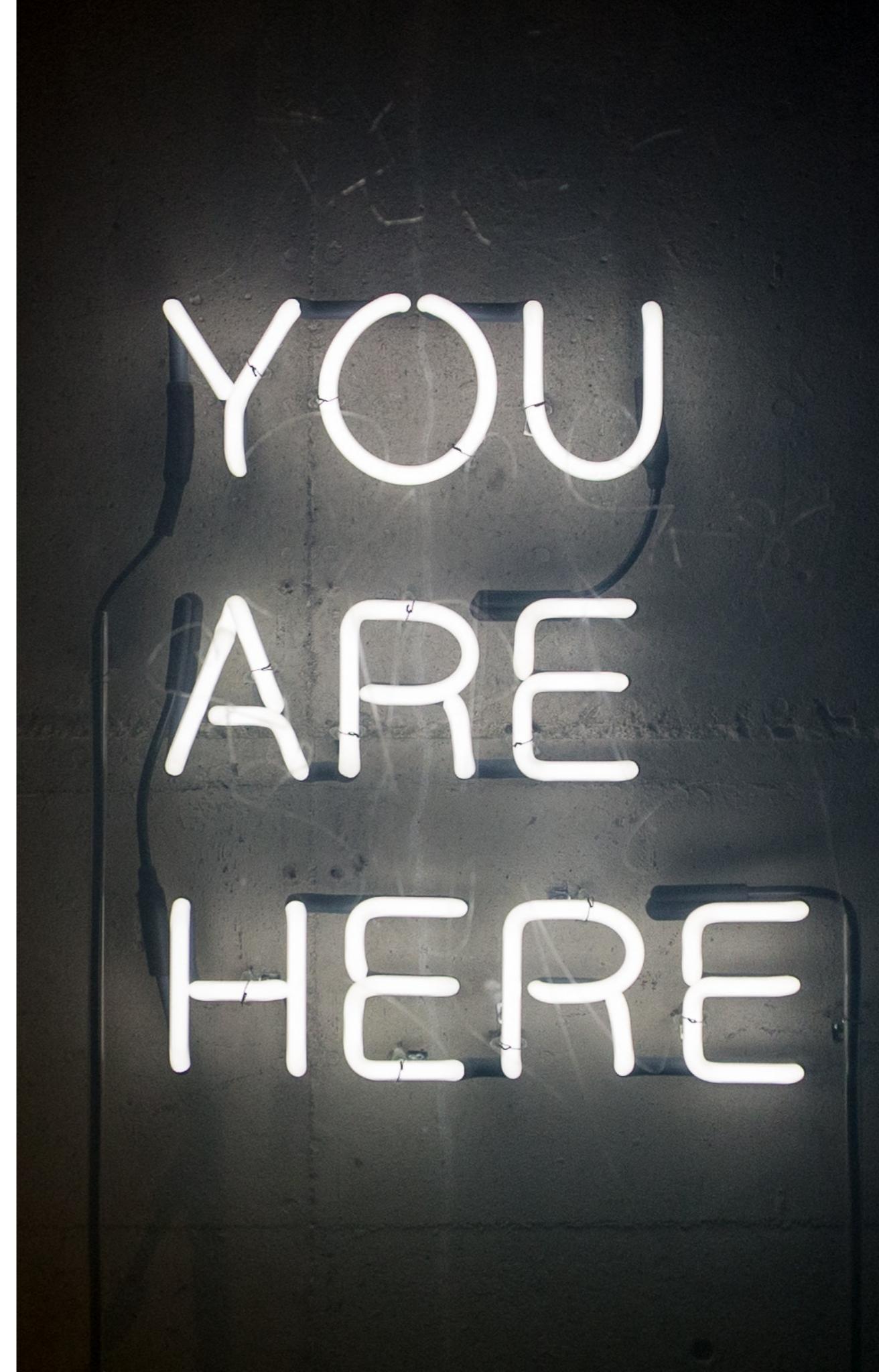


Finding the “YOU” in the R Community

Thomas Mock
@thomas_mock

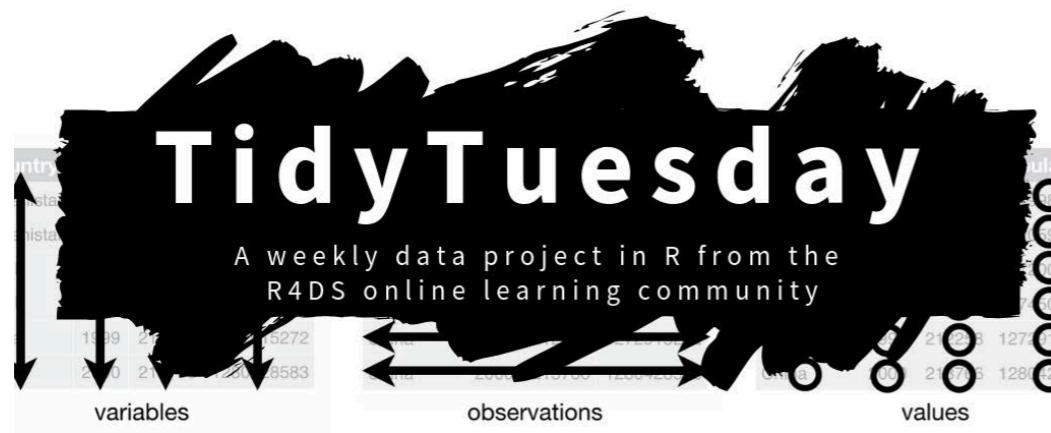
`stringr::str_detect("community", "you")`



Get to know your local R community



Thomas Mock



Why be an involved useR?

- “The R community is one of R’s Best features” - David Smith
- Solving the problems you didn’t know you have AND Solving the problems you will have - Maelle Salmon
- Advance your career - Dave Robinson
- Learn and **update** best practices
- It’s open source - you can contribute!

Don't take my word for it



Thomas Mock 
@thomas_mock

▼

Finalizing the slides on my **#rstats** presentation "Finding the YOU in the R community"

So I have a questions for the R community
(at least on Twitter):

? "Why be an involved useR?"

5:29 PM - 21 Mar 2019

7 Retweets 43 Likes



15

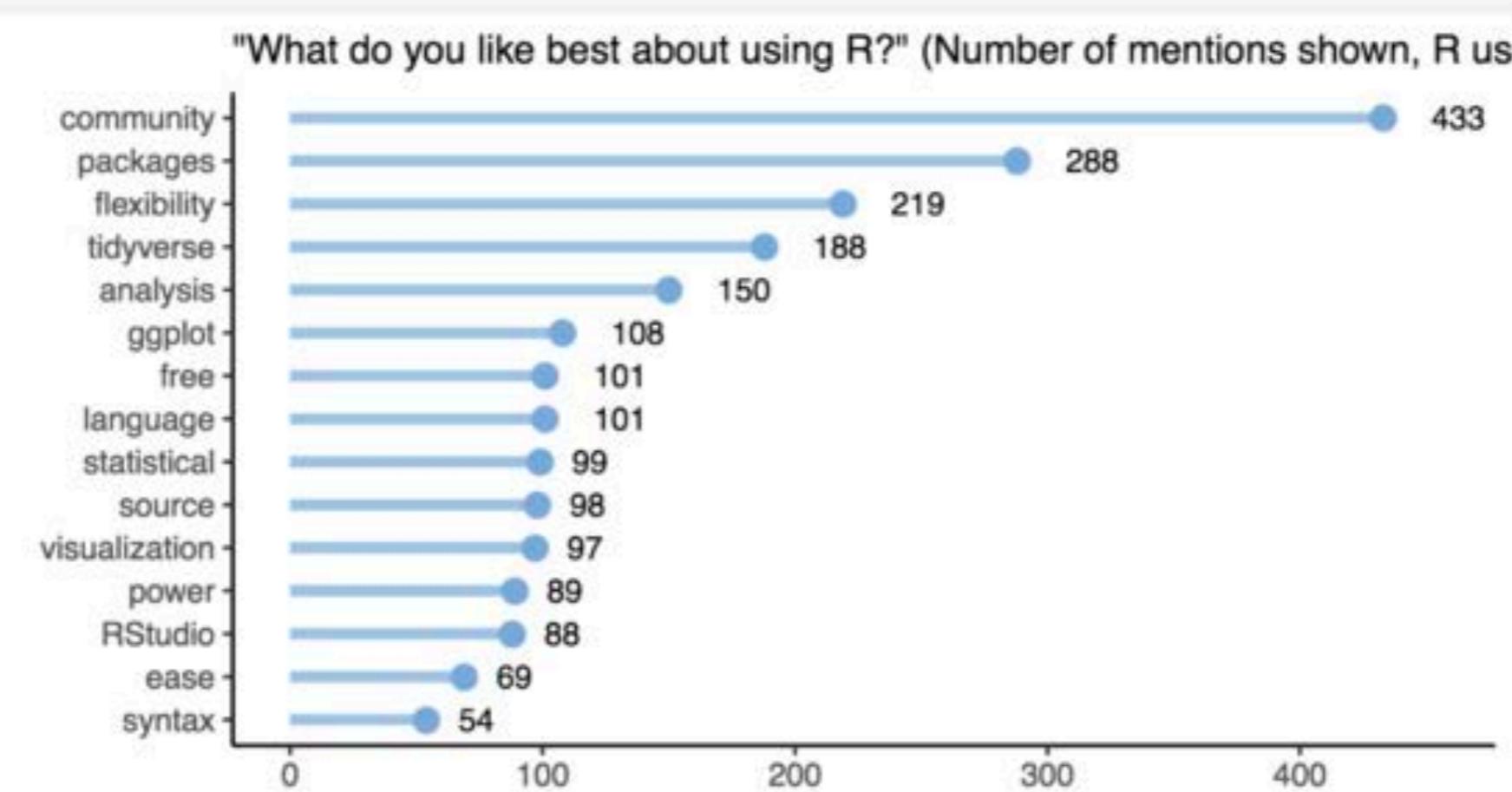
7

43

...

Don't take my word for it

WHAT PEOPLE LIKE BEST ABOUT R IS THE COMMUNITY



#Next

2018 RStudio Learning R Survey, Total Mentions = 9432

rstudio::conf
2018

Don't take my word for it

Thomas Mock 🧑‍💻 @thomas_mock · Mar 21
Finalizing the slides on my #rstats presentation "Finding the YOU in the R community"

So I have a questions for the R community (at least on Twitter):

? "Why be an involved useR?"

15 7 43

Kim Cressman
@swmpkim

Following

Replying to @thomas_mock

Because it's fun and you can learn SO MUCH, without having to seek it out, just by watching what other people do. I have a lot of "OMG, you can do THAT?" moments.

I also learn a lot from what other people *ask*.

And sometimes I can help someone else, which is always nice.

8:42 PM - 21 Mar 2019

3 Likes



Thomas Mock 🧑‍💻 @thomas_mock · Mar 21
Finalizing the slides on my #rstats presentation "Finding the YOU in the R community"

So I have a questions for the R community (at least on Twitter):

? "Why be an involved useR?"

15 7 43

Luuuda
@ludmila_janda

Following

Replying to @thomas_mock

for all these feels:

🤯 omg you can do that in R now?!
🤝 oh I think I can help with this issue
🍺 oh man I've so been there
🤩 thank you so much for helping me with this thing i've been going crazy trying to figure out

📊 whoa awesome data viz

📚 ohhh sweet resources

6:37 PM - 21 Mar 2019

3 Retweets 22 Likes



Don't take my word for it

Thomas Mock 📱 @thomas_mock · Mar 21
Finalizing the slides on my #rstats presentation "Finding the YOU in the R community"

So I have a questions for the R community (at least on Twitter):

❓ "Why be an involved useR?"

15 7 43

Sharla Gelfand
@sharlagelfand

Replies to @thomas_mock

having a community on twitter and a group like **@RLadiesGlobal** has provided me with a safe, welcoming environment that allowed me to fall in ❤️❤️❤️ with this wild programming language and level up my technical skills like, 1000x

7:54 PM - 21 Mar 2019

2 Retweets 25 Likes

R 2 25

Thomas Mock 📱 @thomas_mock · Mar 21
Finalizing the slides on my #rstats presentation "Finding the YOU in the R community"

So I have a questions for the R community (at least on Twitter):

❓ "Why be an involved useR?"

15 7 43

Kendall
@KendallaSmith_

Follow

Replies to @thomas_mock @R4DScommunity

#rstats is a supportive community where R users come together to inspire themselves and others to learn, grow, share and in turn receive knowledge.

5:57 AM - 22 Mar 2019

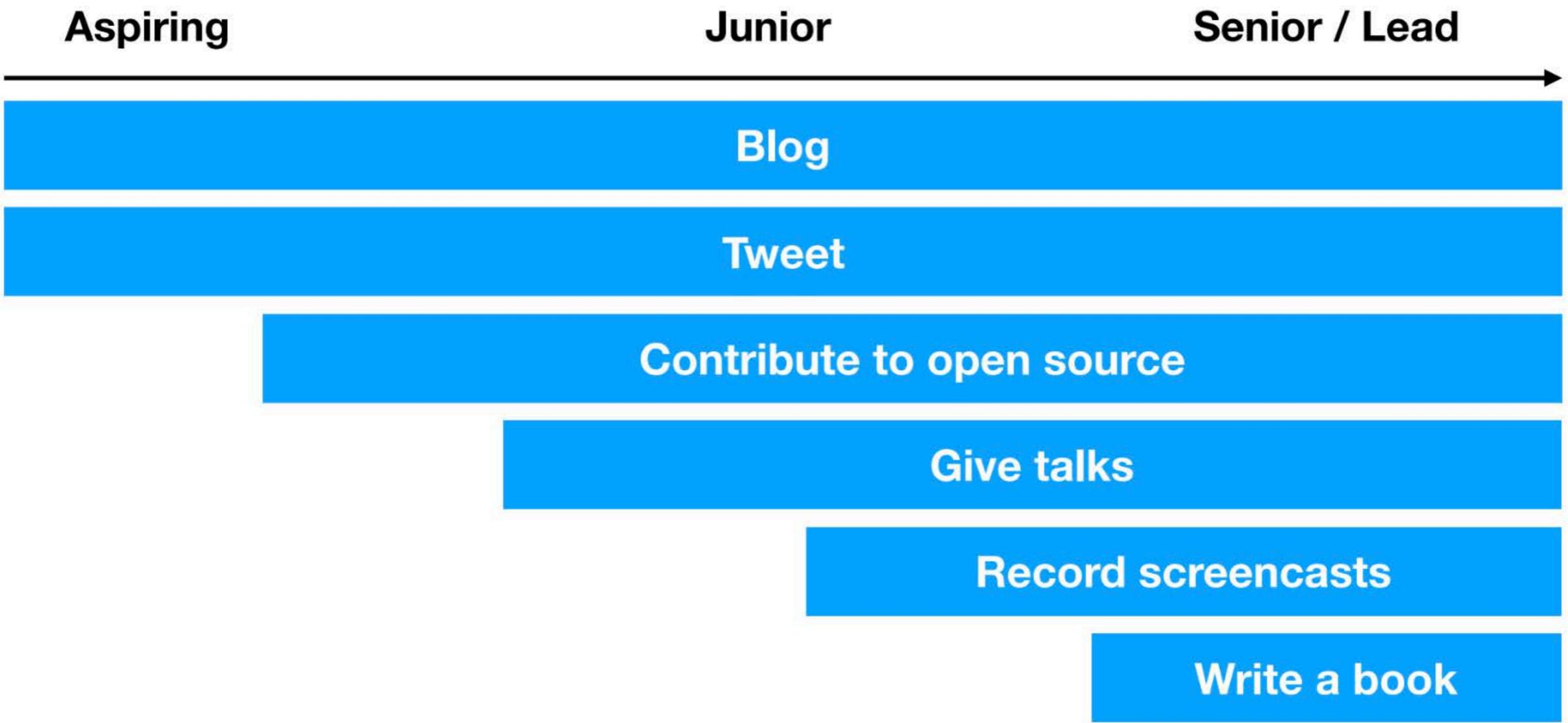
1 Retweet 4 Likes

R 1 4

How do I get involved?



The Effectiveness of Public Work



Mind your P's (and Q's)

- Be Present
- Participate and ask Questions
- Publish
- Packages
- Practice, have a Plan, and be Positive



Be
Present

Meetups

- Dallas R User Group

- Slack & GitHub

The screenshot shows the GitHub repository page for `dallasrug / events`. The repository has 9 commits, 1 branch, 0 releases, and 3 contributors. The latest commit was made 24 days ago. The repository description states: "No description, website, or topics provided." Below the repository details, there is a list of commits:

Commit	Message	Date
MikeBadescu added next event and reference links		Latest commit eea9b5a 24 days ago
2019-02-02_planning	small fixes	2 months ago
README.md	added next event and reference links	24 days ago
code-of-conduct.md	rename CoC file	a month ago

Dallas R Users Group

Welcome to Dallas R Users Group!

This repository contains information regarding the Dallas R Users Group events: links to slides, code, and other materials

Next Event

Putting the "You" in the R Community

Presenter: Thomas Mock (RStudio)

Abstract: Overview of the various sub-communities and resources in the greater R universe, with a "field guide" to joining a community, contributing, and generally maintaining or growing your knowledge of R.

Repository contents

- [Code of Conduct](#)

- Dallas R Ladies

- Slack & GitHub

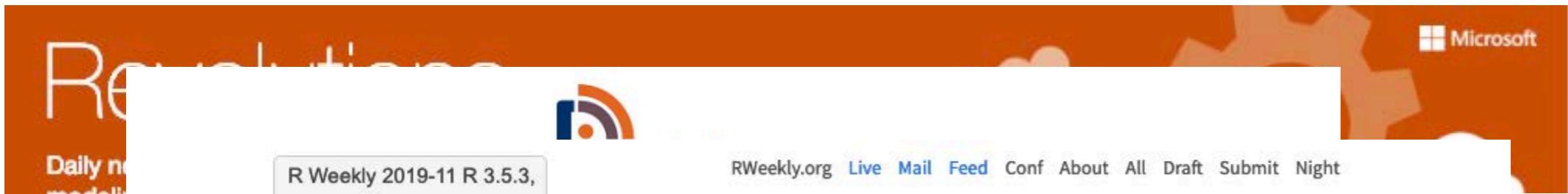
Birds of a feather

- #rstats
 - #tidyverse
 - #ggplot2
 - #epitwitter
 - #r4ds
 - #RFeedbackFriday
 - #rspatial
 - Be wary of “infinite flow”
 - <https://www.becomingadatascientist.com/2015/10/04/how-to-use-twitter-to-learn-data-science-or-anything/>
- ```
> nrow(rstats_tweets)
[1] 429513
> range(rstats_tweets$created_at)
[1] "2008-09-07 19:54:26 UTC" "2018-12-19 19:32:01 UTC"
```
- The screenshot shows a Twitter search results page for the hashtag #rstats. The search bar at the top has '#rstats' entered. Below the search bar, there are 'Search filters' and 'Who to follow' sections. The main area displays several tweets from users like Matt Miller (@nfldraftsc...), R for Data Science (@rsta...), and Rstats (@rstatstweet). One tweet from Hadley Wickham (@hadleywickham) discusses pivot verbs in tidyR. Another tweet from Alison Hill (@apreshill) shows how to embed a 'code download' button in an HTML #rmarkdown document. The interface also features a sidebar with worldwide trends and a bottom section showing a map visualization.

## Why it's important to stay informed

Following the news is a big part of being a resilient R user, because it helps you solve the problems you didn't know you had (maybe you'll see a package that can replace a cumbersome script of yours!) and the problems you will have (one day, you'll need to make a map, and be thankful you already vaguely know `sf` exists). Obviously, staying aware helps because you learn about tools and their applications. But it also helps because it makes you learn about people and organizations! It is highly valuable to get a sense of who's working on what and of where the developments on a topic happen, because when you consciously look for something later, it'll help you find your way more easily.

- <https://masalmon.eu/2019/01/25/uptodate/>



Daily news  
modelling

March 21, 2019

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Bayesian Da

R Weekly 2019-11 R 3.5.3,

R Consortium, chirunconf

Highlight

Insights

R in the Real World

R in Organizations

Resources

New Packages

Updated Packages

Videos and Podcasts

Tutorials

R Project Updates

Upcoming Events in 3 Months

Call for Participation

Quotes of the Week

Here you will  
news and tutu  
R, contributed  
bloggers.  
There are man  
follow us -  
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blogger

Like Pag

Be the first  
to like this

If you are an  
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RWeekly.org Live Mail Feed Conf About All Draft Submit Night

## R Views

Home About Contributors

An R community blog  
edited by R Studio

Boston, MA

193 POSTS 153 TAGS



Welcome back, Thomas Mock

Not you?

## How to Avoid Publishing Credentials in Your Code

• Roland Stevenson 2019-03-21

Roland Stevenson is a data scientist and consultant who may be reached on LinkedIn. When accessing an API or database in R, it is often necessary to provide credentials such as a login name and password. You may find yourself being prompted with something like this: When writing an R script that requires a user to provide credentials, you will want a way to have the script prompt the user or, better yet, programmatically provided the credentials in the R script.

Read more

• R Language · R Packages • R Language · keyring

Comments Share

## The reticulate package solves the hardest problem in data science: people

• Andrew Mangano 2019-03-18

Andrew Mangano is the Director of eCommerce Analytics at Albertsons Companies. Part I - Modelling The reticulate package integrates Python within R and, when used with RStudio 1.2, brings the two languages together like never before. Much more important than the technical details of how it all works is the impact that it has on both individuals and teams by enabling data scientists who speak different languages to collaborate seamlessly on a project.

Read more

• R Language · R Packages • R Language · keyring · reticulate

Comments Share

# Transforming science through open data and software

We build software with a community of users and developers, and educate scientists about transparent research practices.

[HOME](#)[GET INVOLVED](#)[ABOUT](#)

# R FOR DATA SCIENCE ONLINE LEARNING COMMUNITY



## LEARNERS

Develop your skills in R and Data science with a friendly community



## MENTORS

Help build a positive learning community for R users and expand your R debugging skills



## COMMUNITY

Help develop resources for others to feel part of the #rstats community

# R-LADIES GLOBAL

R-LADIES IS A WORLD-WIDE ORGANIZATION TO PROMOTE GENDER DIVERSITY IN THE R COMMUNITY

HOME • ABOUT US • R-LADIES DIRECTORY • EVENTS • TWITTER • GITHUB • SLACK • BLOG • SPONSORS

## MEETUP LOCATIONS

A complete list of all groups and meetups organised under R-Ladies globally may be found in the [R-Ladies organizational meetup](#), or check our founders lovely [shiny dashboard](#)!

The screenshot shows a shiny dashboard interface. At the top, there are five navigation icons: 'Explore' (magnifying glass), 'Groups' (two people), 'Messages' (speech bubble), 'Notifications' (bell), and 'Profile'. Below this is a header for 'R-Ladies' with the text '41 countries • 134 groups • 35660 members'. Underneath the header are two tabs: 'Events Near Me' and 'Groups Near Me'. The 'Groups Near Me' tab is active, displaying a map of the world with numerous red dots representing meetup groups. Labels on the map include Norway, Poland, Germany, France, Italy, Spain, Turkey, Iraq, Saudi Arabia, Egypt, Libya, Algeria, Mali, Niger, Chad, Nigeria, and Sudan. A legend indicates 'Map' and 'Satellite' view options, and a copyright notice 'Map data ©2019' is visible. The bottom of the dashboard features a section titled 'Who we are' with a paragraph of text.

### Who we are

As a diversity initiative, R-Ladies' mission is to achieve proportionate representation by encouraging, inspiring, and empowering the minorities currently underrepresented in the R community. R-Ladies' primary focus, therefore, is on supporting the R enthusiasts who identify as an underrepresented minority to achieve their programming potential, by building a collaborative global network of R leaders, mentors, learners, and developers to facilitate individual and collective progress worldwide.



R-Ladies Global

R-Ladies Administrator



Search ...

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**consortium**

### - SOCIAL MEDIA -

SOCIAL ACCOUNTS BY CHAPTER

### - COC -

CODE OF CONDUCT

# Inclusivity is important!

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Search 



R Foundation taskforce on women and other under-represented groups

## Mission

Leading the R community forwards in widening the participation of women and other under-represented groups.

Find out more [about](#) the task force.

## News

2018/07/30 Di Cook serves as panelist on late breaking session at JSM2018, [Addressing Sexual Misconduct in the Statistics Community Organizer blog post](#)

2017/12/8 Girls coding workshop held at Auckland University

2017/12/7 Women's package writing workshop held at Auckland University, with instructors Hadley Wickham, Jenny Bryan, and Di Cook

2017/10/28 [Girls R coding workshop](#) held at the Kathleen Symes library in Melbourne.

2017/07/12 Julie Josse presents the results of the Forwards useR! 2016 survey at [useR! 2017 \[Video\]](#) [\[Slides\]](#).

2017/01/13 Open call to join the taskforce, [further details](#).

2016/11/13 Heather Turner's presentation from [eRum 2016](#), "Addressing the Gender Gap in the R Project", now on [YouTube \[slides\]](#).

2016/11/04 Jenny Bryan, Di Cook and Julie Josse are elected as ordinary members of the R Foundation, bringing the total number of women to 5 out of 37.

## Events

R-ladies meet-ups: <https://rladies.org/events/>

Other relevant events:

- [Women in Network Science event](#) June 28, 2018 Sunbelt 2018 Utrecht ([tweet](#))
- [useR! 2018](#) July 10-13, 2018, Brisbane, Australia
- [Julia](#) August 7-11, 2018, London, UK

## Latest Tweets

Forwards Retweeted

 **Angela Li** @CivicAngela

We've extended the deadline to submit talks to [@satRdays.org](#) Chicago to tomorrow at midnight! 🚨

We are especially looking for submissions from #RLadies & underrepresented minorities. Please share with your networks, and consider submitting a talk! [sessionize.com/satday-chicag...](#)

Mar 23, 2019

Forwards Retweeted

 **Noa Tamir** @noatamir

The [berlin2019.satdays.org](#) Call for Papers opens on Monday! The conference will take

[Embed](#) [View on Twitter](#)



## R LGBTQ+

@R\_LGBTQ Follows you

Promoting diversity in the #rstats community via meetups & mentorship.

 [rlgbtq.github.io](#)

 Joined July 2017

[Tweet to](#)

[Message](#)

Search or jump to... / Pull requests Issues Marketplace Explore

# Trending

See what the GitHub community is most excited about today.

Repositories Developers Trending: today ▾ All languages

rstudio / **renv** ★ Star Unknown languages

renv: Project environments for R.

● R ★ 74 ⚡ 1 Built by  ★ 11 stars today

Thie1e / **cutpointr** ★ Star CSS

Optimal cutpoints in R: determining and validating optimal cutpoints in binary classification

● R ★ 32 ⚡ 4 Built by  ★ 7 stars today

pbiecek / **DALEX** ★ Star HTML

Descriptive mAchine Learning EXplanations

● R ★ 332 ⚡ 39 Built by  ★ 5 stars today

mtennekes / **tmap** ★ Star JavaScript

R package for thematic maps

● R ★ 309 ⚡ 57 Built by 

Ibenz730 / **ncaahoopR** ★ Star Jupyter Notebook

An R package for working with NCAA Basketball Play-by-Play Data

 R

TeX

Other: Languages ▾

ProTip! Looking for recently updated R repositories? Try this search

The R Consortium, Inc. is a group organized under an open source governance and foundation model to support the worldwide community of users, maintainers and developers of R software. Its [members](#) include leading institutions and companies dedicated to the use, development and growth of R.

The R language is an open source environment for statistical computing and graphics. The R community has enjoyed significant growth, with more than 2 million users worldwide. A broad range of organizations have adopted the R language as a data science platform, including biotech, finance, research and high technology industries. The R language is often integrated into third-party analysis, visualization and reporting applications, and runs on a wide variety of computing platforms.

The central mission of the R Consortium is to work with and provide support to the R Foundation and key organizations and groups developing, maintaining, distributing and using R software. Its activities and programs include:

- Promoting the growth and development of R as a leading platform for data science and statistical computing.
  - [Members of the R Consortium](#) are recognized as supporters of the R Project and the R community, and the R Consortium represents its members to the R community and to the media.
- Supporting and collaborating with the [R Foundation](#), the governing body of the R Project.
  - The R Foundation maintains a permanent seat on the board of the R Consortium, as an open communication channel for R Consortium members.
- Funding projects to enhance R and support its users.
  - Projects are proposed by the R community at large, and selected for funding by the Infrastructure Steering Committee. R Consortium members nominate the selection committee and provide funds for project grants with their membership dues. (Here is a list of [projects funded by the R Consortium](#) to date.)
- Fostering the continued growth of R community and the data science ecosystem.
  - The R Consortium sponsors R-related conferences (including useR!), meetings (including SatRDays and RLadies), and local user groups worldwide.
- Enabling the use of R in commercial environments, and fostering collaboration between companies investing in R.
  - R Consortium committees are developing programs for R language certification and training, consulting, and employment.

The mission of the R Consortium is formally defined in the [R Consortium bylaws](#) and the [Infrastructure Steering Committee charter](#).

ISC working groups provide the mechanism through which the ISC can explore, fund, and manage large collaborative projects. There are primary two modes of collaboration that may make a proposal well suited to be a WG:

1. The advice or collaboration of subject matter experts is required to decide the merit or feasibility of a project.
2. The work required for the project requires the skills not possessed by a single individual, or the amount of work required is more than can be accomplished by a single person in a reasonable amount of time.

## Benefits of Forming an ISC Working Group

Your project will be:

- Vetted by the relevant experts
- Sanctioned by the R Consortium
- Receive the attention of the R Foundation
- Become visible to the greater R Community
- Administrative support from the R Consortium

## Active Working Groups

- **Future-proof native APIs for R:** This working groups will assess current native API usage, gather community input, and work towards an easy-to-understand, consistent and verifiable API that will drive R language adoption.
- **Code Coverage Tool for R:** Helping to improve software quality, the code coverage tool will address feature and platform limitations of existing tools while also promoting the use of code coverage more systematically within the R ecosystem.
- **A Unified Framework for Distributed Computing in R:** Develop a common framework to simplify and standardize how users program distributed applications in R
- **R Certification:** Working to establish a common certification program for proficiency in R
- **R in Medicine:** A community of R users in the medical industry collaborating on events and advocacy of R.
- **R in Pharma:** A community of R users in the pharmaceutical industry collaborating on events and advocacy of R.
- **R Community Diversity and Inclusion Working Group:** A group broadly consider how the R Consortium can best encourage and support diverse and inclusion in the R Community
- **Census Working Group:** A group developing a guide, package recommendations, and other materials for working with census data.
- **histoRicalg – Preserving and Transferring Algorithmic Knowledge:** The histoRicalg project aims to document and test such codes that are still part of R, possibly creating all-R reference codes, hopefully by teaming older and younger workers so knowledge can be shared for the future.

# Communities

- <https://ropensci.org/community/>
- <https://github.com/dallasrug/events>
- <https://rladies.org/>
- [LinkedIn - R Programming Group](#)
- <https://blog.revolutionanalytics.com/>
- <https://rviews.rstudio.com/>
- <https://rweekly.org/>
- <https://www.r-bloggers.com/>
- <https://www.r-consortium.org/>
- <http://forwards.github.io/>
- [https://twitter.com/R\\_LGBTQ](https://twitter.com/R_LGBTQ)
- <https://www.bioconductor.org/>
- <https://hookedondata.org/building-your-data-science-network-finding-community/>

# Conferences

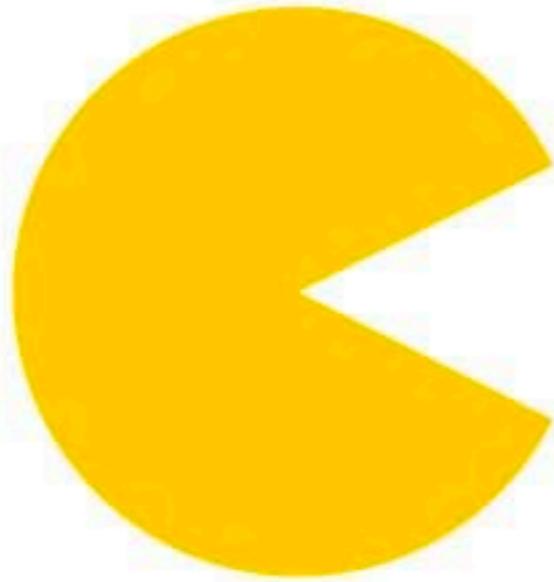
- <https://satrdays.org/>
- [rstudio::conf](#)
- <https://chirunconf.github.io/>
- <https://www.rstats.nyc/>
- <http://www.user2019.fr/>
- <https://www.r-project.org/news.html>
- [EARL Conference](#)
- [JSM](#)
- <https://jumpingrivers.github.io/meetingsR/index.html#technical-bit>

# The Pac-Man Rule

*The rule is quite simply stated:*

***When standing as a group of people, always leave room for 1 person to join your group.***

*More memorably, stand like Pac-Man!*



*The new person, who has been given permission to join your group, will gather up the courage, and join you! Another important point, the group should now readjust to leave another space for a new person.*

***Leaving room for new people when standing in a group is a physical way to show an inclusive and welcoming environment.*** It reduces the feeling of there being cliques, and allows people to integrate themselves into the community.

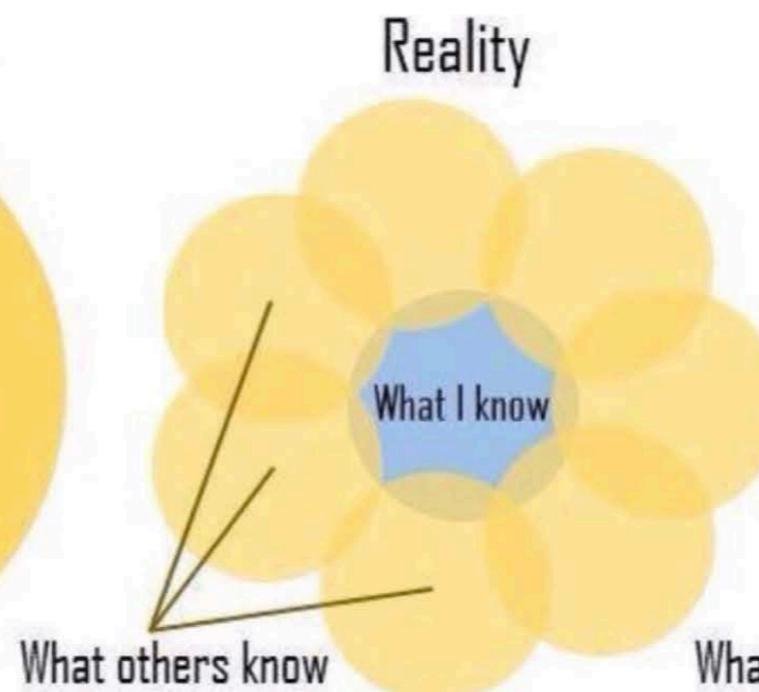
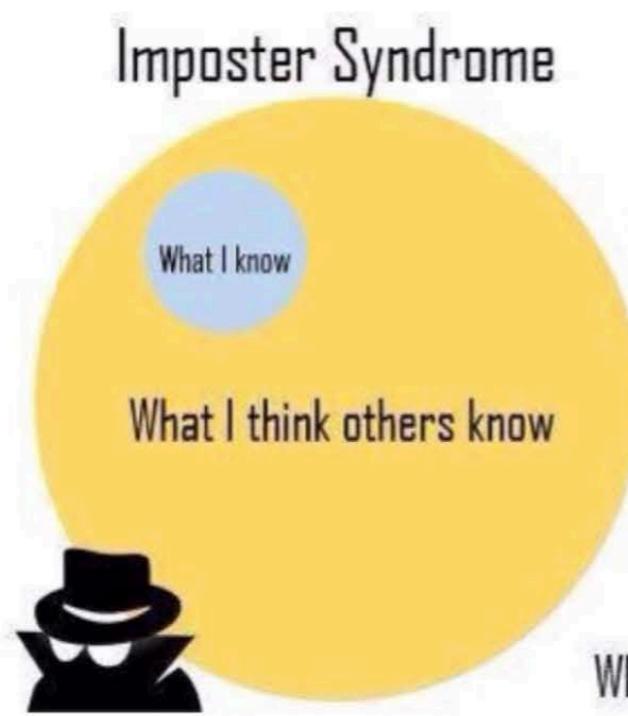


**Participate  
and ask  
Questions**

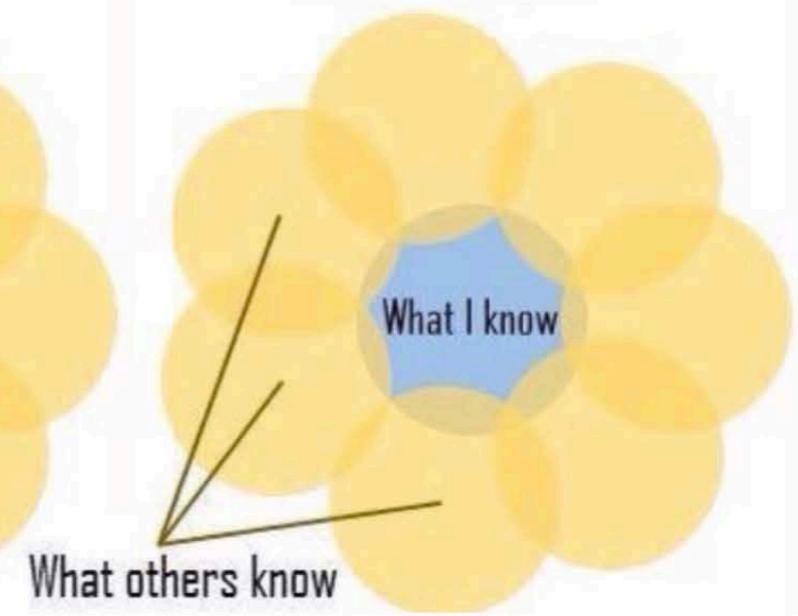
# Why learn out loud?

## Building A Larger Reality

8



**The Reason For Including People Who Don't Know What You Know**



@angebassa



**"ALL IDEAS  
GROW OUT OF  
OTHER IDEAS."**

— ANISH KAPOOR

Pinned Tweet

**Thomas Mock**  @thomas\_mock

You have a dollar.

I have a dollar.

We swap.

Now you have my dollar.

We are no better off.

...

You have an idea.

I have an idea.

We swap.

Now you have two ideas.

And I have two ideas.

...

That's the difference.

- Stanley Moore

On the technical  
tweeted out aski

Emily Ro  
@robinson

#rstats twitter: is  
ggplot2? theme.  
Heart 5 10:15 AM -

See Emily Rob

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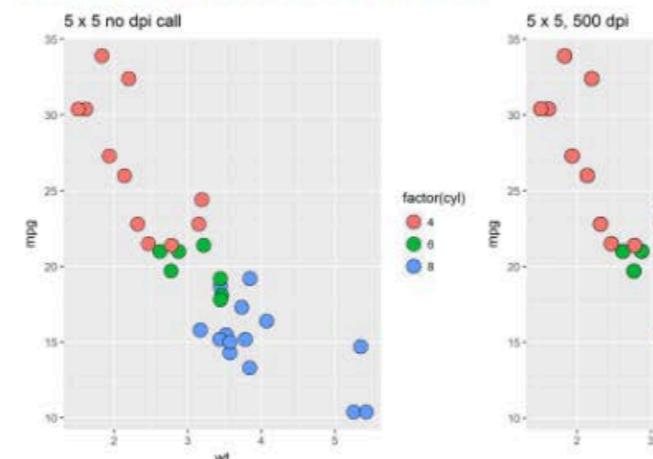
Thomas Mock 📈  
@thomas\_mock

To prevent jagged graphs in ggp  
forget to set dpi when using ggs

```
g <- ggplot(data = mtcars, aes(x
mpg, fill = factor(cyl))) +
 geom_point(shape = 21, size =
```

```
ggsave("5x5_500dpi.png", g , he
width = 5, dpi = 500)
```

#rstats #ggplot2 #r4ds



7:20 AM - 21 Feb 2018

26 Retweets 63 Likes

Comment 4 Reply 26 Heart 63 More

Add another Tweet

TIL how to set a  
Thank you @cz  
ildiczeller.com/2

Heart 126 1:30 PM

29 people are t

David Butler @DavidKButlerUoA · 21 Feb 2018

Replying to @thomas\_mock

Thank you. I didn't even know there was such a thing a

Comment 1 Reply 1 Heart 1 More

Thomas Mock 📈  
@thomas\_mock

WOW! What  
resources fro  
team!

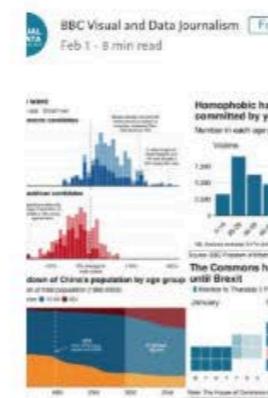
Article on hc  
graphics in [hc](#)

Cookbook fo  
[bit.ly/bbcgg](#)

bbplot for  
[bit.ly/bbcplc](#)

h/t: [@thoma](#)

low the BBC Vis  
Journalism team  
in R



5:27 AM - 1 Feb 2019

171 Retweets 521 Like

Comment 2 Reply 171 Heart 11 More



Thomas Mock 📈 @thomas\_mock · 23 Aug 2018

Hey #rstats

Anyone got a better way of doing this? Feels brute force-y.

```
remove last n char from string (works in df too)
str_remove_right <- function(x, n){
 substr(x, 1, nchar(x) - n)
}
```

```
str_remove_right("good characters bad", 4)
> [1] "good characters"
```

```
...
remove last n char from string (works in df too)
str_remove_right <- function(x, n){
 substr(x, 1, nchar(x) - n)
}
str_remove_right("good characters bad", 4)
> [1] "good characters"
```

Comment 9 Reply 4 Heart 11 More

Thomas Mock 📈  
@thomas\_mock

Solved!

Thank you to [@TheStephLocke](#),  
[@hlynur](#), [@harrocyranka](#) for regex  
inputs.

".{4}\$" = regex for last 4 char which  
allows you to use gsub, str\_remove, etc.

"....\$" also is regex for last 4 char.

7:29 AM - 23 Aug 2018

11 Likes

Comment 1 Reply 11 Heart 11 More



# Lightning Talks

- Give one at the Dallas R User Group!
- Giving a good lightning talk
- Giving your First Data Science Talk
- Giving my First Data Science Talk

[all categories](#)[all tags](#)[Latest](#)[New \(54\)](#)[Unread \(2\)](#)[Categories](#)[Top](#)[+ New Topic](#)

| Topic                                                                                                                                                                                                                                                     |  | Replies | Views | Activity   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------|-------|------------|
| <a href="#">🔒  Welcome to the RStudio Community!</a>                                                                                                                                                                                                      |  | 0       | 4.5k  | 2018-07-22 |
| Welcome to community.rstudio.com — we're glad to have you! This welcome page will give you some advice on how to get the most out of the site if you're getting or giving help. We want this to be a friendly, inclusive com... <a href="#">read more</a> |  | 1       | 21    | 1m         |
| <a href="#">☐ My app only loads properly some of the time; sometimes will not open</a> •                                                                                                                                                                  |  | 1       | 14    | 1h         |
| shiny keras reticulate                                                                                                                                                                                                                                    |  | 1       | 16    | 1h         |
| <a href="#">☐ Preserve constant bar widths for uneven faceted plots?</a> •                                                                                                                                                                                |  | 1       | 10    | 3h         |
| ggplot2 tidyverse                                                                                                                                                                                                                                         |  | 7       | 193   | 5h         |
| <a href="#">☐ Create columns with unique values</a> •                                                                                                                                                                                                     |  | 1       | 40    | 6h         |
| General rstudio                                                                                                                                                                                                                                           |  | 2       | 20    | 6h         |
| <a href="#">☒ capture streaming json over websocket</a>                                                                                                                                                                                                   |  | 3       | 49    | 6h         |
| json websocket jsonlite                                                                                                                                                                                                                                   |  | 7       | 43    | 6h         |
| <a href="#">☐ Rstudio free desktop preview 1.2.1329 - can't select text in editor window</a>                                                                                                                                                              |  | 1       | 46    | 7h         |
| RStudio IDE                                                                                                                                                                                                                                               |  | 4       | 46    | 7h         |
| <a href="#">☐ Project don't resume source panel files</a> •                                                                                                                                                                                               |  | 1       | 49    | 6h         |
| rstudio                                                                                                                                                                                                                                                   |  | 7       | 43    | 6h         |
| <a href="#">☐ RStudio keeps crashing</a>                                                                                                                                                                                                                  |  | 3       | 49    | 6h         |
| RStudio IDE                                                                                                                                                                                                                                               |  | 7       | 43    | 6h         |
| <a href="#">☐ tm package removing unwanted characters works in r but not knitr</a> •                                                                                                                                                                      |  | 4       | 46    | 7h         |
| tm                                                                                                                                                                                                                                                        |  | 7       | 43    | 6h         |
| <a href="#">☐ Rstudiocloud "The previous R session was abnormally terminated due to an unexpected crash"</a> •                                                                                                                                            |  | 1       | 49    | 6h         |
| RStudio Cloud crash-report 0 votes                                                                                                                                                                                                                        |  | 7       | 43    | 6h         |

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## Questions tagged [r]

[Ask Question](#)

R is a free, open-source programming language and software environment for statistical computing, bioinformatics, visualization, and general computing. Please provide minimal and reproducible example(s) along with the desired output. Use `dput()` for data and specify all non-base packages with `library()` calls. Do not embed pictures for data or code, use indented code blocks instead. For statistics related questions, use <https://stats.stackexchange.com>.

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281,379 questions

[info](#) [Newest](#) [Featured](#) [Frequent](#) [Votes](#) [Active](#) [unanswered](#)

### join data to a .kmz or .kml and plot

I'm somewhat new to R and totally new to R geospatially. I'm trying to read a downloadable .kml, join my own data to it, and plot the data. The .kml is from this home page: <https://www.cnrfc.noaa....>

[r](#) [rgdal](#) [sf](#)

7 views

asked 24 mins ago

doconnor  
322 ● 2 ● 12

### purrr::pmap for functions with multiple inputs and multiple return values

I am trying to set up a customized function with multiple inputs and multiple return values, and using this function with purrr::map on a data frame. my sample data is: test\_data <- tibble(...

[r](#) [function](#) [dataframe](#) [purrr](#) [pmap](#)

18 views

asked 35 mins ago

Sam  
25 ● 8

### Missing and irrelevant axes labels in geom\_wrap

My axes labels for 1990 and 2010 are missing from the above two box plots. I also wish to remove the 1980,2000 and 2020 labels because I only have data for 1990 and 2010. I tried using the mutate ...

[r](#) [ggplot2](#) [facet-wrap](#)

14 views

asked 1 hour ago

catlovingtaco  
40 ● 5

### Manipulations with dplyr within a group in data frame

Below, I have the following dataset (tab-delimited for reproducible example). I'm using the dplyr set of functions to add four columns to my data frame. The first three columns will flag if an ...

[r](#) [dplyr](#)

15 views

asked 1 hour ago

stats134711  
243 ● 2 ● 11

## Related Tags

[ggplot2](#) × 26804[dataframe](#) × 17908[shiny](#) × 13498[dplyr](#) × 12870[plot](#) × 11001[data.table](#) × 8445[matrix](#) × 6023[loops](#) × 4865[regex](#) × 4706[function](#) × 4617[more related tags](#)

## Hot Network Questions

What should you do when eye contact makes your subordinate uncomfortable?

What is the evidence for the "tyranny of the majority problem" in a direct democracy context?

Creepy dinosaur pc game identification

Is there an injective, monotonically increasing, strictly concave function from the reals, to the reals?

Why is this estimator biased?

Non-trope happy ending?

How much character growth crosses the line into breaking the character

What are the advantages of simplicial model categories over non-simplicial ones?

Using substitution ciphers to generate new alphabets in a novel

Is there a RAID 0 Equivalent for RAM?

Recommended PCB layout understanding - ADM2572 datasheet

Can the US President recognize Israel's

# Be the hero of your own story

## My daily learning habits:

- Read through and engage with the #rstats hashtag on Twitter a couple times a day
- Read through the tidyverse section of the [RStudio community site](#) once a day (I'm personally working on getting better at the tidyverse, but feel free to substitute in any tag that is of interest to you!)
- Spend two hours a day working on content knowledge such as statistics, linear algebra, calculus, or computer science
- Code for at least 30 minutes a day *in addition* to what I do for work
- Engage with the [R for Data Science Online Learning Community](#) once a day
  - <https://masalmon.eu/2018/07/16/soapbox/>
  - <https://medium.com/@kierisi/data-science-and-r-how-do-i-start-7a87426e103e>

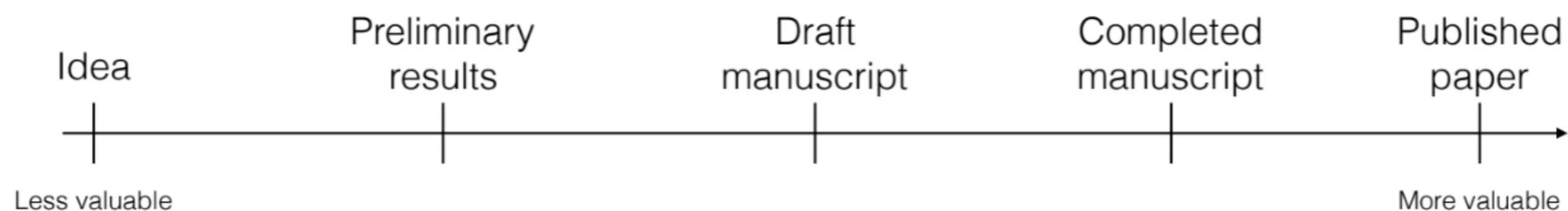


# Publish



# Public Work

**How I used to think of my goals:**



**How I should have been thinking of them:**



# Publish (to your blog)

- Where to post?
  - Easy - no code needed - <https://medium.com/>
  - Moderate - <https://rstudio.github.io/distill/>
  - Moderate to Difficult - <https://bookdown.org/yihui/blogdown/>
- Get Picked up by:
  - [Toward Data Science](#)
  - <https://www.r-bloggers.com/>
  - <https://rweekly.org/>
  - <https://blog.revolutionanalytics.com/>



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THOMAS MOCK

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## The Mockup Blog

When you first started in R you likely were writing simple code to generate one outcome.

```
| print("Hello world!")
```

```
[1] "Hello world!"
```

```
| 5 * 6
```

```
[1] 30
```

```
| x <- c(1, 2, 3, 4, 5)
```

```
[1] 1 2 3 4 5
```

This is great, you are learning about strings, math, and vectors in R!

Then you get started with some basic analyses. You want to see if you can find the mean of some numbers.

```
employee <- c('John Doe', 'Peter Gynn', 'Jolie Hope')
salary <- c(21000, 23400, 26800)
startdate <- as.Date(c('2010-11-1', '2008-3-25', '2007-3-14'))

form datafame and take mean of salary column
employ_data <- data.frame(employee, salary, startdate)
mean(employ_data$salary)
```

```
[1] 23733.33
```

```
[1] 23733.33
```

# Why start a blog?

- Build a public portfolio
- Practice writing and visualization
- Teach/give advice in a way that scales



**David Robinson** @drob · 8 Nov 2017

When you've written the same code 3 times, write a function

When you've given the same in-person advice 3 times, write a blog post

48

1.5K

4.2K

# Why R blogging and why blogging about R blogging

The reason why I suggested the topic of the Cape Town R-Ladies meetup to be blogging is that it helped *me* get plugged in into the R community, so I liked the idea of sharing my experience, especially with R-Ladies. I don't have Google analytics for my blog so I don't actually know how successful my blog is, but I've got enough positive feedback to consider I'm doing something right. That said, given my lack of data to support anything I'll say, please take everything with a pinch of salt!

## R Blog content

### What to blog about?

There are plenty of R things you could blog about!

- Your latest R obsession? Me in <https://www.masalmon.eu/2018/02/22/hexcombine/>
- Something you've just implemented? Omayma Said [http://omaymas.github.io/prophet\\_explore/](http://omaymas.github.io/prophet_explore/)
- Something you like! Kasia Kulma <https://kkulma.github.io/2017-12-16-star-wars-vs-star-trek-word-battle/>
- Fun packages? Find inspiration in Mine Çetinkaya-Rundel's list  
<http://www2.stat.duke.edu/courses/Fall17/sta112.01/assignment/08-mini-hw.html>

I especially like the point Edwin Thoen made [in this post](#): you can blog about things you've just learnt, it's actually a good thing!

# Blog Setup Guides

- <https://alison.rbind.io/post/up-and-running-with-blogdown/>
- <https://rstudio.github.io/distill/blog.html>
- <https://bookdown.org/yihui/blogdown/>

# Publish (a book)



[Home](#) [About](#) [Archive](#) [Tags](#) [Authors](#) [Log in](#)

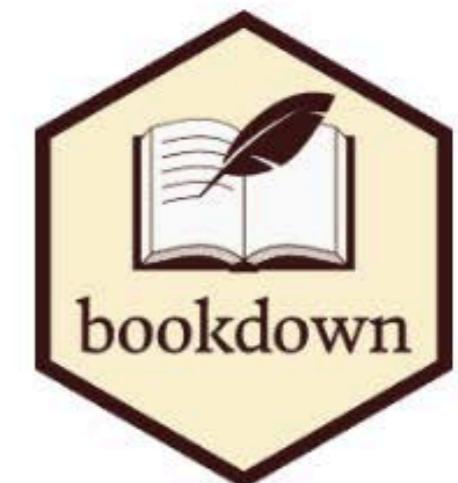


## BOOKDOWN

### Write HTML, PDF, ePub, and Kindle books with R Markdown

The **bookdown** package is an [open-source R package](#) that facilitates writing books and long-form articles/reports with R Markdown. Features include:

- Generate printer-ready books and ebooks from R Markdown documents.
- A markup language easier to learn than LaTeX, and to write elements such as section headers, lists, quotes, figures, tables, and citations.
- Multiple choices of output formats: PDF, LaTeX, HTML, EPUB, and Word.
- Possibility of including dynamic graphics and interactive applications (HTML widgets and Shiny apps).
- Support a wide range of languages: R, C/C++, Python, Fortran, Julia, Shell scripts, and SQL, etc.
- LaTeX equations, theorems, and proofs work for all output formats.
- Can be published to GitHub, bookdown.org, and any web servers.
- Integrated with the RStudio IDE.
- One-click publishing to <https://bookdown.org>.



Below is a list of featured books. For a full list, please see the [archive](#) page. For the full documentation of the **bookdown** package, please see the free [online book](#) *bookdown: Authoring Books and Technical Documents with R Markdown*.

# Tidy Text Mining with R

Text Mining with R

Welcome to Text Mining with R

Preface

1 The tidy text format

2 Sentiment analysis with tidy data

3 Analyzing word and document frequency

4 Relationships between words: n-grams

5 Converting to and from non-tidy formats

6 Topic modeling

7 Case study: comparing Twitter archives

8 Case study: mining NASA metadata

9 Case study: analyzing usenet text

10 References

Published with bookdown

## Text Mining with R

### A Tidy Approach

Julia Silge and David Robinson

2019-02-10

## Welcome to Text Mining with R



This is the website for *Text Mining with R*! Visit the GitHub repository for this site, find the book at O'Reilly, or buy it on Amazon.



This work by Julia Silge and David Robinson is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 3.0 United States License.

|                                                           |
|-----------------------------------------------------------|
| Type to search                                            |
| Data Visualization                                        |
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| Preface                                                   |
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| Part I: From data to visualization                        |
| 2 Visualizing data: Mapping data onto visual encodings    |
| 3 Coordinate systems and axes                             |
| 4 Color scales                                            |
| 5 Directory of visualizations                             |
| 6 Visualizing amounts                                     |
| 7 Visualizing distributions: Histograms and density plots |
| 8 Visualizing distributions: Empirical and theoretical    |
| 9 Visualizing many distributions at once                  |
| 10 Visualizing proportions                                |
| 11 Visualizing nested proportions                         |
| 12 Visualizing associations among variables               |
| 13 Visualizing time series and other facets of data       |
| 14 Visualizing trends                                     |
| 15 Visualizing geospatial data                            |
| 16 Visualizing uncertainty                                |
| Part II: Principles of figure design                      |
| 17 The principle of proportional ink                      |
| 18 Handling overlapping points                            |
| 19 Common pitfalls of color use                           |
| 20 Redundant coding                                       |
| 21 Multi-panel figures                                    |
| 22 Titles, captions, and tables                           |
| 23 Balance the data and the context                       |
| 24 Use larger axis labels                                 |
| 25 Avoid line drawings                                    |
| 26 Don't go 3D                                            |
| Part III: Miscellaneous topics                            |

## Ugly, bad, and wrong figures

Throughout this book, I frequently show different versions of the same figures, some as examples of how to make a good visualization and some as examples of how not to. To provide a simple visual guideline of which examples should be emulated and which should be avoided, I am clearly labeling problematic figures as "ugly", "bad", or "wrong" (Figure 1.1):

- **ugly**—A figure that has aesthetic problems but otherwise is clear and informative.
- **bad**—A figure that has problems related to perception; it may be unclear, confusing, overly complicated, or deceiving.
- **wrong**—A figure that has problems related to mathematics; it is objectively incorrect.

# Introduction {#introduction}

Data visualization is part art and part science. The challenge is to get the art right without getting lost in the details. In my experience, scientists frequently (though not always!) know how to visualize data without being aware of the underlying principles. The book attempts to cover the key principles, methods, and concepts required to visualize data for effective communication. The book is divided into three parts. The first, "From data to visualization," describes different ways to represent data. The second part, "Principles of figure design," discusses various design issues that arise when assembling multiple panels. The third part, "Miscellaneous topics," covers a few remaining issues that didn't fit into the first two parts.

### ## Ugly, bad, and wrong figures {-}

Throughout this book, I frequently show different versions of the same figures, some as examples of how to make a good visualization and some as examples of how not to. To provide a simple visual guideline of which examples should be emulated and which should be avoided, I am clearly labeling problematic figures as "ugly", "bad", or "wrong" (Figure 1.1):

- **ugly**—A figure that has aesthetic problems but otherwise is clear and informative.
- **bad**—A figure that has problems related to perception; it may be unclear, confusing, overly complicated, or deceiving.
- **wrong**—A figure that has problems related to mathematics; it is objectively incorrect.

(ref:ugly-bad-wrong-examples) Examples of ugly, bad, and wrong figures. (a) A bar plot showing three bars with values 5, 4, and 3. (b) A bar plot showing three bars with values 5, 4, and 3, labeled "ugly".

|                                                           |
|-----------------------------------------------------------|
| Type to search                                            |
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| 5 Directory of visualizations                             |
| 6 Visualizing amounts                                     |
| 7 Visualizing distributions: Histograms and density plots |
| 8 Visualizing distributions: Empirical and theoretical    |
| 9 Visualizing many distributions at once                  |
| 10 Visualizing proportions                                |
| 11 Visualizing nested proportions                         |
| 12 Visualizing associations among variables               |
| 13 Visualizing time series and other facets of data       |
| 14 Visualizing trends                                     |
| 15 Visualizing geospatial data                            |
| 16 Visualizing uncertainty                                |
| Part II: Principles of figure design                      |
| 17 The principle of proportional ink                      |
| 18 Handling overlapping points                            |
| 19 Common pitfalls of color use                           |
| 20 Redundant coding                                       |
| 21 Multi-panel figures                                    |
| 22 Titles, captions, and tables                           |
| 23 Balance the data and the context                       |
| 24 Use larger axis labels                                 |
| 25 Avoid line drawings                                    |
| 26 Don't go 3D                                            |
| Part III: Miscellaneous topics                            |

## How to create BBC style graphics

- Make a line chart
- Make a multiple line chart
- Make a bar chart
- Make a stacked bar chart
- Make a grouped bar chart
- Make a dumbbell chart
- Make a histogram
- Make changes to the legend
- Make changes to the axes
- Add annotations
- Work with small multiples
- Do something else entirely

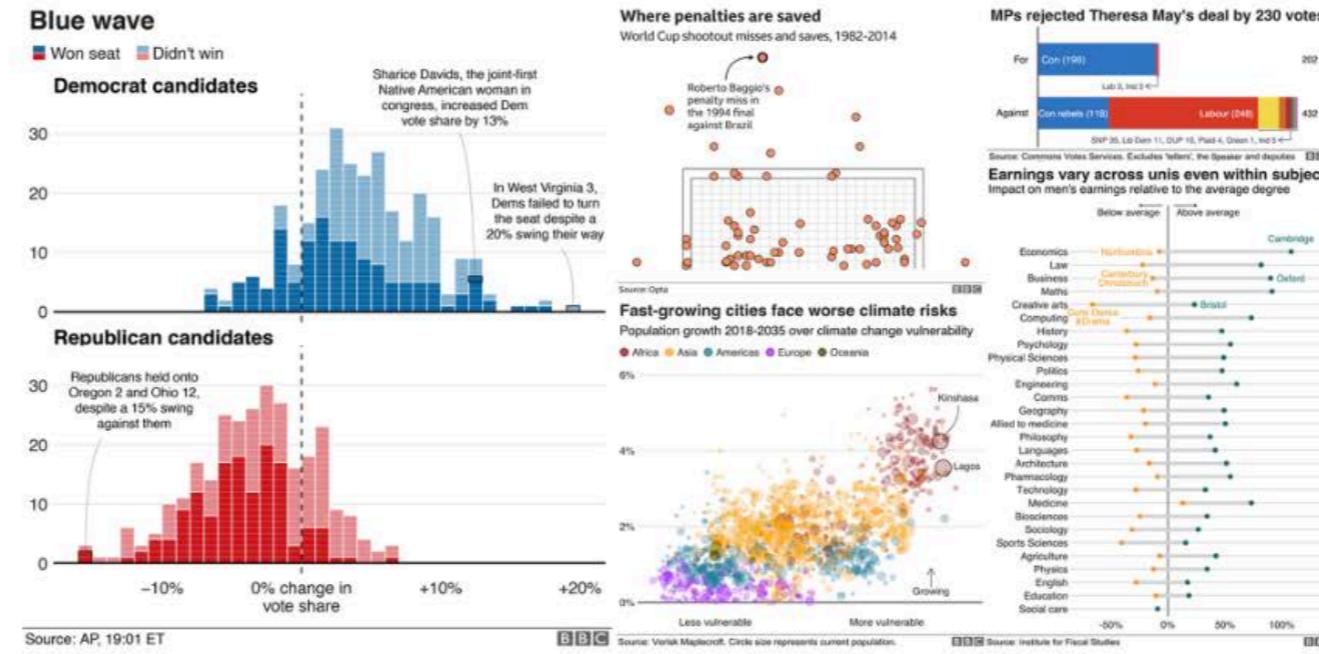
# BBC Visual and Data Journalism cookbook for R graphics

Last updated: 2019-01-24

## How to create BBC style graphics

At the BBC data team, we have developed an R package and an R cookbook to make the process of creating publication-ready graphics in our in-house style using R's ggplot2 library a more reproducible process, as well as making it easier for people new to R to create graphics.

The cookbook below should hopefully help anyone who wants to make graphics like these:



We'll get to how you can put together the various elements of these graphics, but let's get the admin out of the way first...

## Load all the libraries you need

A few of the steps in this cookbook - and to create charts in R in general - require certain packages to be installed and loaded. So that you do not have to install and load them one by one, you can use the `p_load` function in the `pacman` package to load them all at once with the following code.

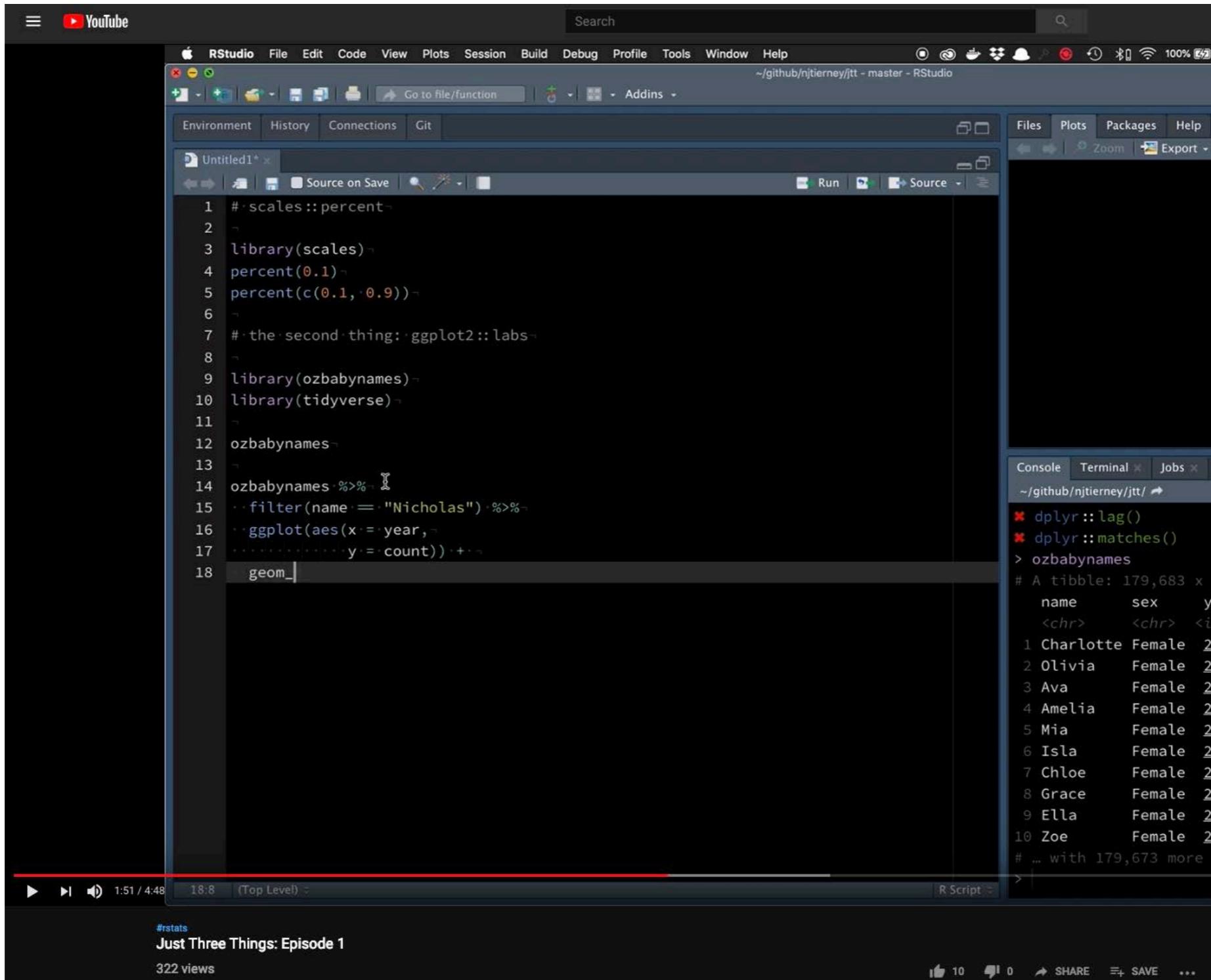
```
#This line of code installs the pacman page if you do not have it installed - if you do,
#it simply loads the package
if(!require(pacman))install.packages("pacman")

pacman::p_load('dplyr', 'tidyverse', 'gapminder',
 'ggplot2', 'ggalt',
 'forcats', 'R.utils', 'png',
 'grid', 'ggpubr', 'scales',
 'bbplot')
```

# Publish (a screencast)

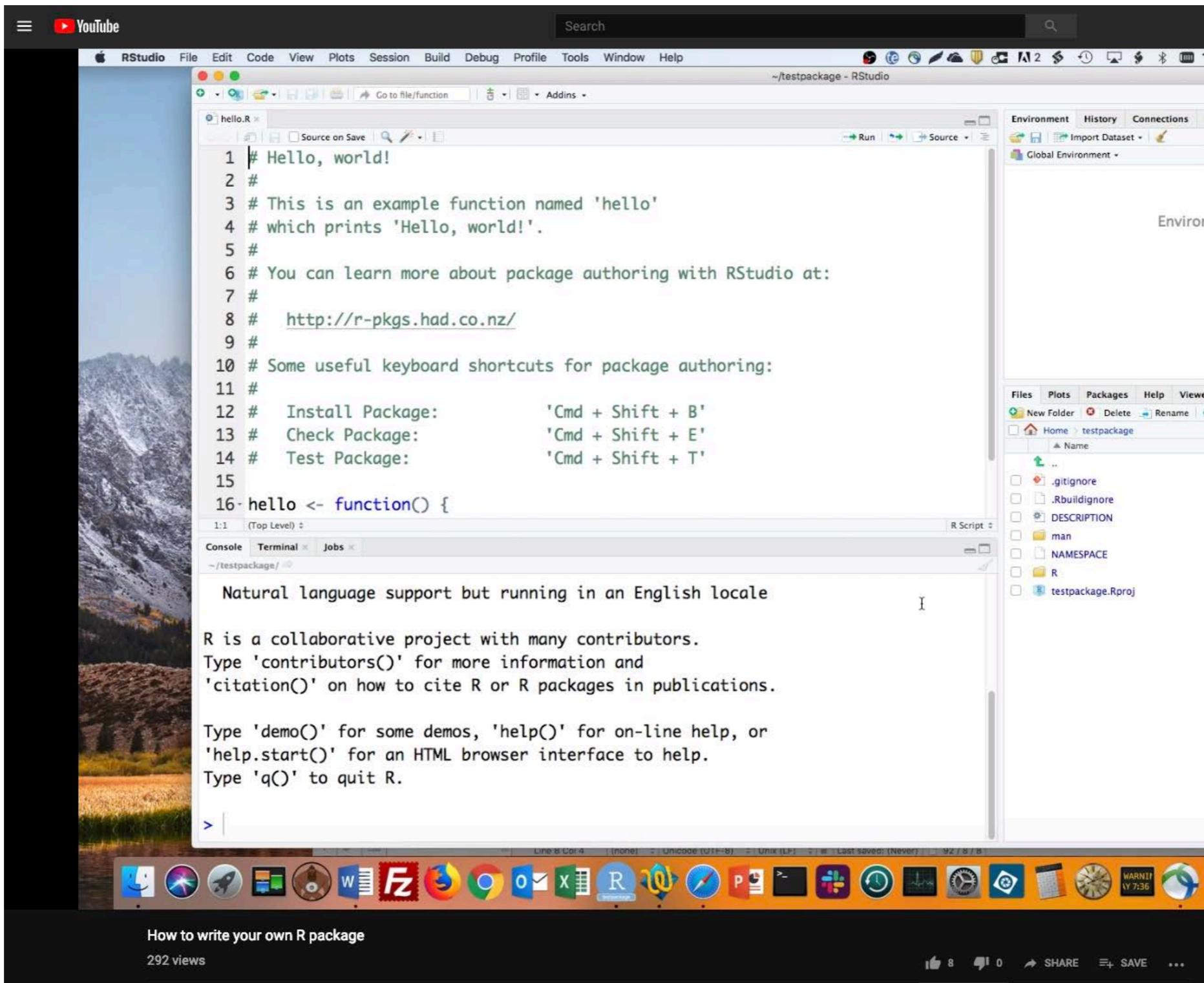


# Nick Tierney



<https://www.njtierney.com/post/2019/02/18/announcing-jtt/>

# Sharon Machlis



<https://youtu.be/qxRSzDejea4>

# Dave Robinson

YouTube

dave robinson tidy tuesday

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FILTER

David Robinson  
1,585 subscribers • 25 videos

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David Robinson • 1.6K views • 4 weeks ago  
I analyze a dataset about PhDs awarded in the US as an example of exploratory data analysis in R, performed without looking at ...

**Tidy Tuesday screencast: analyzing data on women in the workplace**  
David Robinson • 986 views • 2 weeks ago  
I analyze a dataset on female participation in the workforce and the gender pay gap as an example of exploratory data analysis in ...

**Tidy Tuesday Screencast: the golden age of television**  
David Robinson • 1.1K views • 2 months ago  
I analyze a dataset about IMDb ratings of television seasons, performed without looking at the data in advance. This video is part ...

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<https://www.youtube.com/user/safe4democracy/videos>



# Packages

# Package Aggregation



## About Bioconductor

Bioconductor provides tools for the analysis and comprehension of high-throughput genomic data. Bioconductor uses the R statistical programming language, and is open source and open development. It has two releases each year, and an active user community. Bioconductor is also available as an [AMI](#) (Amazon Machine Image) and a series of [Docker](#) images.

## News

- Bioconductor [3.9 release schedule](#) is posted. Please pay attention to important deadlines.
- Bioconductor [3.8](#) is available.
- Core team **job opportunities** for scientific programmer / analyst and senior programmer / analyst! contact Martin.Morgan at RoswellPark.org
- Bioconductor [F1000 Research Channel](#) available.
- Orchestrating high-throughput genomic analysis with *Bioconductor* ([abstract](#)) and other [recent literature](#).

<https://www.bioconductor.org/>

<https://cran.r-project.org/>

<https://github.com/trending/r>

The screenshot shows the Bioconductor website on the left and a GitHub trending page on the right.

**Bioconductor Website Content:**

- Available Packages:** Currently, the CRAN package repository features 13936 available packages.
- Table of available packages, sorted by date of publication**
- Table of available packages, sorted by name**
- Installation of Packages:** Please type `help("INSTALL")` or `help("install.packages")` in R for [Administration](#) (also contained in the R base sources) explains the process.
- CRAN Task Views:** allow you to browse packages by topic and provide available.
- Package Check Results:** All packages are tested regularly on machines running [Debian GNU/Linux](#). The results are summarized in the [check summary](#) (some [timings](#) are also provided).
- Writing Your Own Packages:** The manual [Writing R Extensions](#) (also contained in the R base sources) describes the process.
- Repository Policies:** The manual [CRAN Repository Policy \[PDF\]](#) describes the policies in place.
- Related Directories:**
  - Archive:** Previous versions of the packages listed above, and other packages.
  - Orphaned:** Packages with no active maintainer, see the corresponding [REAI bin/windows/contrib](#)
  - Windows binaries of contributed packages:** [bin/macosx/el-capitan/contrib](#)
  - OS X El Capitan binaries of contributed packages:**

**GitHub Trending Page:**

- Trending:** See what the GitHub community is most excited about today.
- Repositories:** Repositories are categorized by language: All languages, Unknown languages, CSS, HTML, JavaScript, Jupyter Notebook, and R.
- Developers:** Developers are categorized by language: All languages, Unknown languages, CSS, HTML, JavaScript, Jupyter Notebook, and R.
- Recent Trends:** Top trending repositories include:
  - rdpeng / ProgrammingAssignment2**: Repository for Programming Assignment 2 for R Programming on Coursera. (R, 590 stars, 115,834 forks)
  - ryantimpe / brickr**: 3D LEGO models and mosaics from images using R and #tidyverse. (R, 186 stars, 22 forks)
  - pbiecek / DALEX**: Descriptive mAchine Learning EXplanations. (R, 342 stars, 41 forks)
  - coatless / searcher**: Query Search Portals from R. (R, 40 stars, 3 forks)
  - tidyverse / ggplot2**: An implementation of the Grammar of Graphics in R. (R, 3,679 stars, 1,382 forks)
  - rstudio / shiny**: Easy interactive web applications with R. (R, 3,321 stars, 1,468 forks)
- ProTip!** Looking for most forked R repositories? Try this search.

# New to you Packages

- Vignettes
  - vignette("dplyr")
  - vignette(topic = "window-functions", package = "dplyr")
  - browseVignettes("dplyr")
- covr page

## CRAN Task Views

CRAN task views aim to provide some guidance which packages on CRAN are relevant for tasks related to a certain topic. They give a brief overview of the included packages and can be automatically installed using the [ctv](#) package. The views are intended to have a sharp focus so that it is sufficiently clear which packages should be included (or excluded) - and they are *not* meant to endorse the "best" packages for a given task.

- To automatically install the views, the [ctv](#) package needs to be installed, e.g., via  
`install.packages("ctv")`  
and then the views can be installed via `install.views` or `update.views` (where the latter only installs those packages are not installed and up-to-date), e.g.,  
`ctv::install.views("Econometrics")`  
`ctv::update.views("Econometrics")`
- The task views are maintained by volunteers. You can help them by suggesting packages that should be included in their task views. The contact e-mail addresses are listed on the individual task view pages.
- For general concerns regarding task views contact the [ctv](#) package maintainer.

### Topics

|                                           |                                                                       |
|-------------------------------------------|-----------------------------------------------------------------------|
| <a href="#">Bayesian</a>                  | Bayesian Inference                                                    |
| <a href="#">ChemPhys</a>                  | Chemometrics and Computational Physics                                |
| <a href="#">ClinicalTrials</a>            | Clinical Trial Design, Monitoring, and Analysis                       |
| <a href="#">Cluster</a>                   | Cluster Analysis & Finite Mixture Models                              |
| <a href="#">Databases</a>                 | Databases with R                                                      |
| <a href="#">DifferentialEquations</a>     | Differential Equations                                                |
| <a href="#">Distributions</a>             | Probability Distributions                                             |
| <a href="#">Econometrics</a>              | Econometrics                                                          |
| <a href="#">Environmetrics</a>            | Analysis of Ecological and Environmental Data                         |
| <a href="#">ExperimentalDesign</a>        | Design of Experiments (DoE) & Analysis of Experimental Data           |
| <a href="#">ExtremeValue</a>              | Extreme Value Analysis                                                |
| <a href="#">Finance</a>                   | Empirical Finance                                                     |
| <a href="#">FunctionalData</a>            | Functional Data Analysis                                              |
| <a href="#">Genetics</a>                  | Statistical Genetics                                                  |
| <a href="#">Graphics</a>                  | Graphic Displays & Dynamic Graphics & Graphic Devices & Visualization |
| <a href="#">HighPerformanceComputing</a>  | High-Performance and Parallel Computing with R                        |
| <a href="#">Hydrology</a>                 | Hydrological Data and Modeling                                        |
| <a href="#">MachineLearning</a>           | Machine Learning & Statistical Learning                               |
| <a href="#">MedicalImaging</a>            | Medical Image Analysis                                                |
| <a href="#">MetaAnalysis</a>              | Meta-Analysis                                                         |
| <a href="#">MissingData</a>               | Missing Data                                                          |
| <a href="#">ModelDeployment</a>           | Model Deployment with R                                               |
| <a href="#">Multivariate</a>              | Multivariate Statistics                                               |
| <a href="#">NaturalLanguageProcessing</a> | Natural Language Processing                                           |
| <a href="#">NumericalMathematics</a>      | Numerical Mathematics                                                 |
| <a href="#">OfficialStatistics</a>        | Official Statistics & Survey Methodology                              |
| <a href="#">Optimization</a>              | Optimization and Mathematical Programming                             |
| <a href="#">Pharmacokinetics</a>          | Analysis of Pharmacokinetic Data                                      |
| <a href="#">Phylogenetics</a>             | Phylogenetics, Especially Comparative Methods                         |
| <a href="#">Psychometrics</a>             | Psychometric Models and Methods                                       |
| <a href="#">ReproducibleResearch</a>      | Reproducible Research                                                 |
| <a href="#">Robust</a>                    | Robust Statistical Methods                                            |
| <a href="#">SocialSciences</a>            | Statistics for the Social Sciences                                    |
| <a href="#">Spatial</a>                   | Analysis of Spatial Data                                              |
| <a href="#">SpatioTemporal</a>            | Handling and Analyzing Spatio-Temporal Data                           |
| <a href="#">Survival</a>                  | Survival Analysis                                                     |

# Package Primers

- <http://r-pkgs.had.co.nz/>
- [https://kbroman.org/pkg\\_primer/](https://kbroman.org/pkg_primer/)
- <https://swcarpentry.github.io/r-novice-inflammation/08-making-packages-R/>

# Everyone should write an R package

- <https://r-mageddon.netlify.com/post/writing-an-r-package-from-scratch/>
- <https://hilaryparker.com/2014/04/29/writing-an-r-package-from-scratch/>
- <https://github.com/bbc/bbplot>
- <https://github.com/jrnold/ggthemes>
- <http://jonthegeek.com/2018/02/19/internal-packages-for-common-data-manipulations/>

bbc / bbplot

Code Issues 8 Pull requests 3

R package that helps you make better plots.

tomtom

Branch: master

nassostyliano

R chart\_example data man .Rbuildignore .gitignore DESCRIPTION NAMESPACE README.md bbplot.Rproj

BBPLO

This repository contains code for creating a ggplot2 theme similar to the TidyTuesday posts.

Blue wave Won seat Democratic Republic

30  
20  
10  
0

Republicans held onto Oregon 2 and Ohio 12, despite a 15% swing against them

## 3 1977 3 LNS 10000000 158131  
## 4 1977 4 LNS 10000000 158371  
## 5 1977 5 LNS 10000000 158657  
## 6 1977 6 LNS 10000000 158928

# Internal Packages for Common Data Manipulations

8 min read

## tomtom

tomtom is my miscellaneous functions package, more of which are becoming useful TidyTuesday functions. Things should be fairly stable... but caveat emptor!

## Installation

You can install the dev version of `tomtom` from GitHub with:

```
devtools::install_github("jthomasmock/tomtom")
```

## Functions

- `add_logo()` - Adds a logo to your image or saved `ggplot`
- `neg()` - Negates a number (useful for the example of `x < -5` to prevent assignment)
- `post_tidytuesday()` - Posts via `rtweet` the Weekly TidyTuesday update
- `create_dictionary()` - Creates the data dictionary for TidyTuesday posts
- `std_err()` - Calculate standard error.
- `str_remove_right()` - Removes `n` letters starting from the right of a string
- `substr_right()` - Selects `n` letters starting from the right of a string
- `theme_tom()` - a `ggplot2` theme similar to `fivethirtyeight` plots
- `geom_bullet()` - a full-fledged way to plot bullet graphs in R
- `tweet_embed()` - get markdown formatted Tweet for embedding

# Contributing

- <https://thisisnic.github.io/2018/11/28/ten-steps-to-becoming-a-tidyverse-contributor/>
- <https://resources.rstudio.com/rstudio-conf-2018/contributing-to-tidyverse-packages-mara-averick>
- <https://www.tidyverse.org/contribute/>
- <https://github.com/ropensci/rOpenSci/wiki/Contributing>

## Ways to contribute



### PULL REQUESTS

Contributing code/making fixes.

### ISSUES

Identifying a problem, trying your best to isolate its source.

### COMMENTS

Help maintainers answer questions, triage issues. Help newcomers learn how to ask better questions (e.g. the art of the reprex).

# .desc is not == to desc #174

[Edit](#)[New issue](#)[Closed](#)

jthomasmock opened this issue on Feb 14, 2019

mkearney / rtweet

[Watch](#) 26[Code](#)[Issues 55](#)[Pull requests 6](#)[Projects 0](#)[Wiki](#)[Insights](#)

jthomasmock commented on Feb 14, 2019

Hi team,

This is mainly related to my inability to print a warning, issue or error. I believe

I'd like to see a warning message also

It looks like you used "desc" instead of "fun".

It looks like you used "fun" instead. I imagine this could be an issue in other packages, what to call this...

▶ Details

jthomasmock changed the title on Feb 14

hadley commented on Feb 14

This seems like a good place to use

```
library(forcats)
x <- fct_reorder(iris$Species)
#> Warning: Some components o
```

Created on 2019-02-14 by the [reprex package](#)



Title

[Write](#)[Preview](#)[AA](#) [B](#) [i](#) [“](#) [”](#) [↶](#) [↷](#) [☰](#) [☰](#) [☰](#) [@](#) [★](#) [↶](#)

&lt;!-- This is an issue template for bugs and requests for R pkg rtweet --&gt;

<!-- If you've encountered a likely bug in rtweet, please take a few seconds to look through existing issues for a similar issue. If you don't see a related issue, please complete the prompts below to make it easier to replicate and [hopefully] resolve your issue. -->

### Problem

<!-- Succinctly describe the problem (be as specific as you think necessary) -->

### Expected behavior

<!-- Describe the behavior/result you expected -->

### Reproduce the problem

<!-- Describe and provide relevant code to reproduce the problem -->

<!-- If code doesn't always produce error, provide approximate code anyway -->

```r

insert code here

...

rtweet version

Attach files by dragging & dropping, selecting or pasting them.

Styling with Markdown is supported

[Submit new issue](#)

Reprex (reproducible example)

Usage

Let's say you copy this code onto your clipboard:

```
(y <- 1:4)
mean(y)
```

Then call `reprex()`, where the default target venue is GitHub:

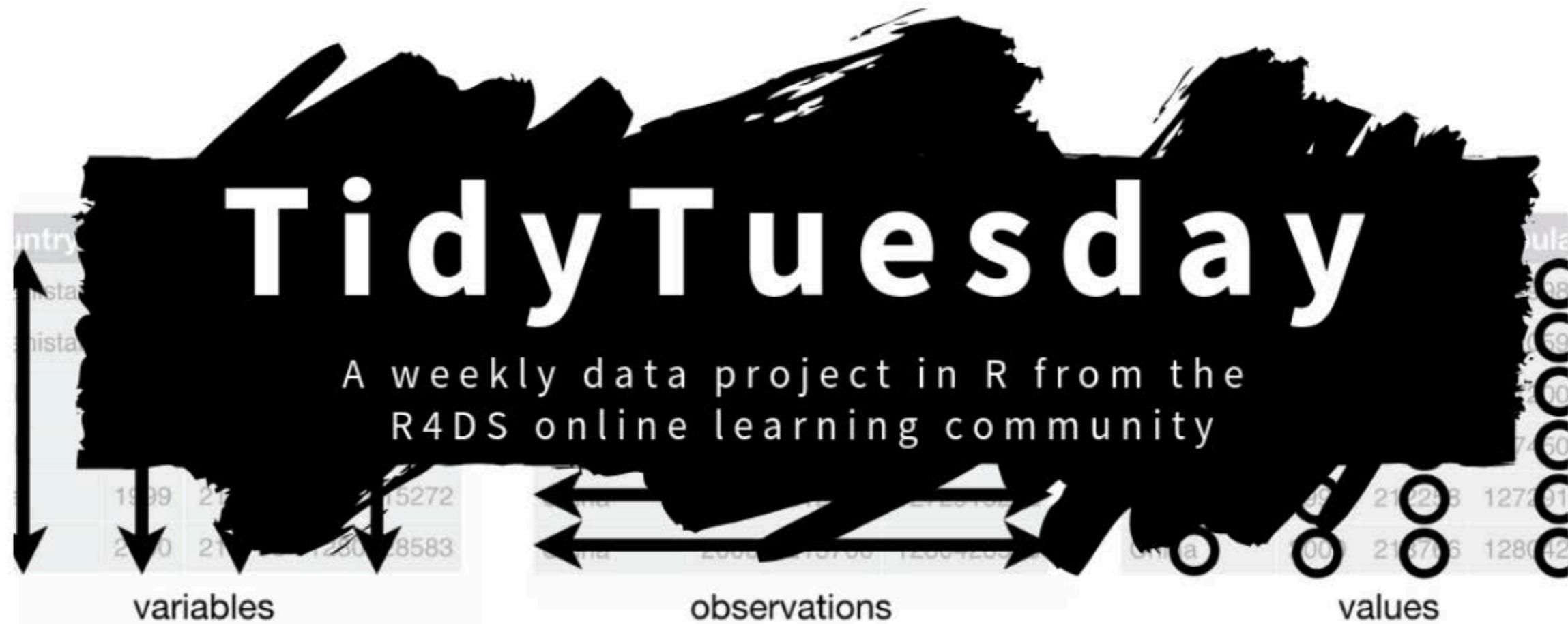
```
reprex()
```

A nicely rendered HTML preview will display in RStudio's Viewer (if you're in RStudio) or your default browser otherwise.



**Practice,
have a Plan,
be Positive**





A weekly social data project in R

A weekly data project aimed at the R ecosystem. An emphasis will be placed on understanding how to summarize and arrange data to make meaningful charts with `ggplot2`, `tidyverse`, and other tools in the `tidyverse` ecosystem.

<https://github.com/rfordatascience/tidytuesday>

Beyond just R

- <https://github.com/jennybc/what-they-forgot>
- <http://adv-r.had.co.nz/>
- <https://db.rstudio.com/>
- <https://datasciencebox.org/>
- <https://tidyeval.tidyverse.org/>
- [What nobody tells you about Documentation](#)

Getting Started

- Connect to a Database
- Database Queries
- Packages

 - dplyr
 - DBI
 - odbc
 - pool
 - dbplot
 - tidypredict

RStudio

- Connections Panel
- Professional Drivers
- Best Practices

 - Setting up ODBC
 - Run Queries Safely
 - Securing Deployments
 - Securing Credentials
 - Making Scripts Portable
 - Creating Visualizations
 - Selecting a database interface
 - Enterprise-ready
 - Schema selection

Advanced R What They For

WTF

Want a physical copy of this material? [from Amazon](#)

Contents

- Base types**
- S3
- S4
- RC
- Picking a system
- Quiz answers

Edit this page

How to contribute

9 Set up an R environment

10 Install a source package

III All is fair

11 Debugging

12 Read the source code

13 Reproduce

IV Backmatter

References

14 Search this book

Session info

Published with

R

Please feel free to submit an issue or a pull request for other resources to be listed here. See <https://www.tidyverse.org/learn/> for other learning resources as well.

Tidy evaluation

Lionel Henry

Hadley Wickham

Welcome

The primary goal of this book is to get you up to speed with tidy evaluation and how to write functions around tidyverse pipelines and grammars. The book is written and organised so that you can quickly find the information you need to solve concrete problems without having to “get” tidy eval first:

- The first chapter *Getting up to speed* is a quick introduction to the main pattern used in all tidy evaluation functions: **quote** and **unquote**.
- The *Cookbooks* sections are organised by common tasks for the dplyr and ggplot2 packages.

Though this is a work in progress, we hope you’ll find this bookdown valuable for programming with tidyverse interfaces.

Other resources

You may also be interested in:

- “[Tidy eval in 5 minutes](#)” is a quick 5 minutes video that explains the big ideas behind tidy evaluation. It’s a great way to get an overview of concepts before diving in other tutorials.
- “[Tidy eval webinar](#)” is a one hour tutorial video on tidy evaluation.
- “[The second edition of Advanced R](#)” which includes a whole chapter on meta programming with tidy eval.

Workshops

- (Free) Workshop Materials from RStudio for internal training
- (Free) Videos from RStudio Conf
- (Free) Videos from useR 2017

rstudio::conf 2019 Workshop materials now available

Mine Çetinkaya-Rundel

2019-02-06

Categories: [rstudio::conf Training](#) Tags: [R Conference](#)

rstudio::conf 2019 featured 15 workshops on tidyverse, Shiny, R Markdown, modeling and machine learning, deep learning, big data, and what they forgot to teach you about working with R. Some of the new workshops for this year touched on topics like putting Shiny applications into production at scale and R & Tensorflow. The conference also featured certification workshops on RStudio Professional Administrator and Train-the-trainer for tidyverse and Shiny.

Below is a list of all workshops we hosted, with links to materials. Even though the materials alone cannot replace the actual workshop experience, we hope that you'll find them useful. RStudio regularly hosts workshops throughout the year so please subscribe to [training updates](#). You can also find out more about each of the workshops at the [conference repository](#).

| Workshop | Instructor(s) |
|---|--|
| Introduction to Data Science in the Tidyverse | Amelia McNamara, Hadley Wickham |
| Building Tidy Tools | Charlotte Wickham, Hadley Wickham |
| What They Forgot to Teach You About R | Jenny Bryan, Jim Hester |
| Intro to Shiny and RMarkdown | Danny Kaplan |
| Advanced R Markdown | Alison Hill, Yihui Xie |
| Intermediate Shiny | Aimee Gott, Winston Chang |
| Using Shiny in Production | Kelly O'Briant, Sean Lopp |
| Applied Machine Learning | Max Kuhn, Alex Hayes, Davis Vaughan |
| Introduction to Deep Learning + Beyond the Basics | Sigrid Keydana, Kevin Kuo, Rick Scavetta |
| Big Data with R | Edgar Ruiz, James Blair |
| Train-the-Trainer Certification Workshop | Greg Wilson |
| Shiny Train-the-Trainer Certification Workshop | Mine Çetinkaya-Rundel |
| Tidyverse Train-the-Trainer Certification Workshop | Garrett Grolemund |
| RStudio Professional Administrator Certification Workshop | Andrie de Vries |

[← Try out RStudio Connect on Your Desktop for](#)

[Free → Time Travel with RStudio Package Manager 1.0.4 →](#)

Recommended Books

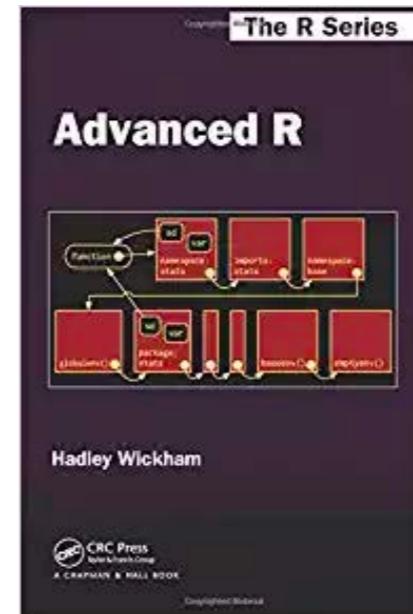
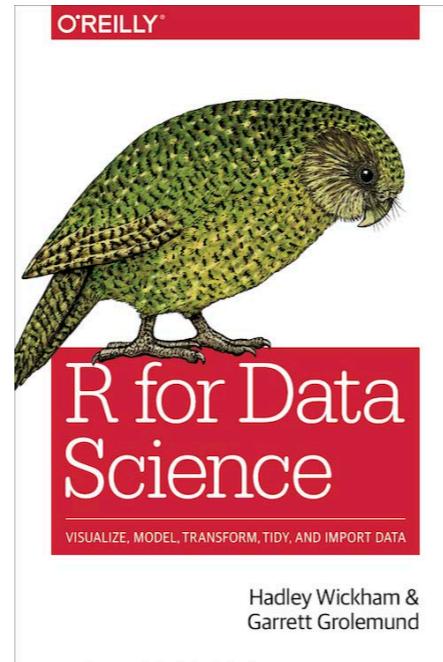


Statistical Inference via Data Science

A moderndive into R and the tidyverse

Chester Ismay and Albert Y. Kim

February 24, 2019



- Modern Dive
- R for Data Science
- Advanced R

Data Science in R

aggregates

- Sharon Machlis- Great R packages
- CRAN task views
- Awesome R packages
- R Cookbook
- Data Science Compendium
- The Tidyverse
- STHDA
- A Modern Dive - Teaching Inferential Stats
- 16 Bookdown books
- Revolution Analytics Blog

R in the Enterprise

- <https://github.com/ThinkR-open/licensing-r>
- <https://github.com/ThinkR-open/companies-using-r>
- <https://www.rstudio.com/products/connect/>

Screenshot of the GitHub repository <https://github.com/ThinkR-open/companies-using-r>:

The repository page shows the following details:

- Code: 66 commits
- Issues: 0
- Pull requests: 1
- Projects: 0
- Wiki
- Insights
- Watch: 11
- Star: 148
- Fork: 10

A Curated list of R uses in enterprise

Branch: master ▾ New pull request Create new file Upload files Find File Clone or download ▾

ColinFay Update README.md Latest commit e9d2a07 on Feb 8

README.md Update README.md a month ago

README.md

Companies, Officials and NGO Using R

In case you need it, a curated list of testimonies / blogposts / packages from enterprises, officials and NGO using R in production and/or for research.

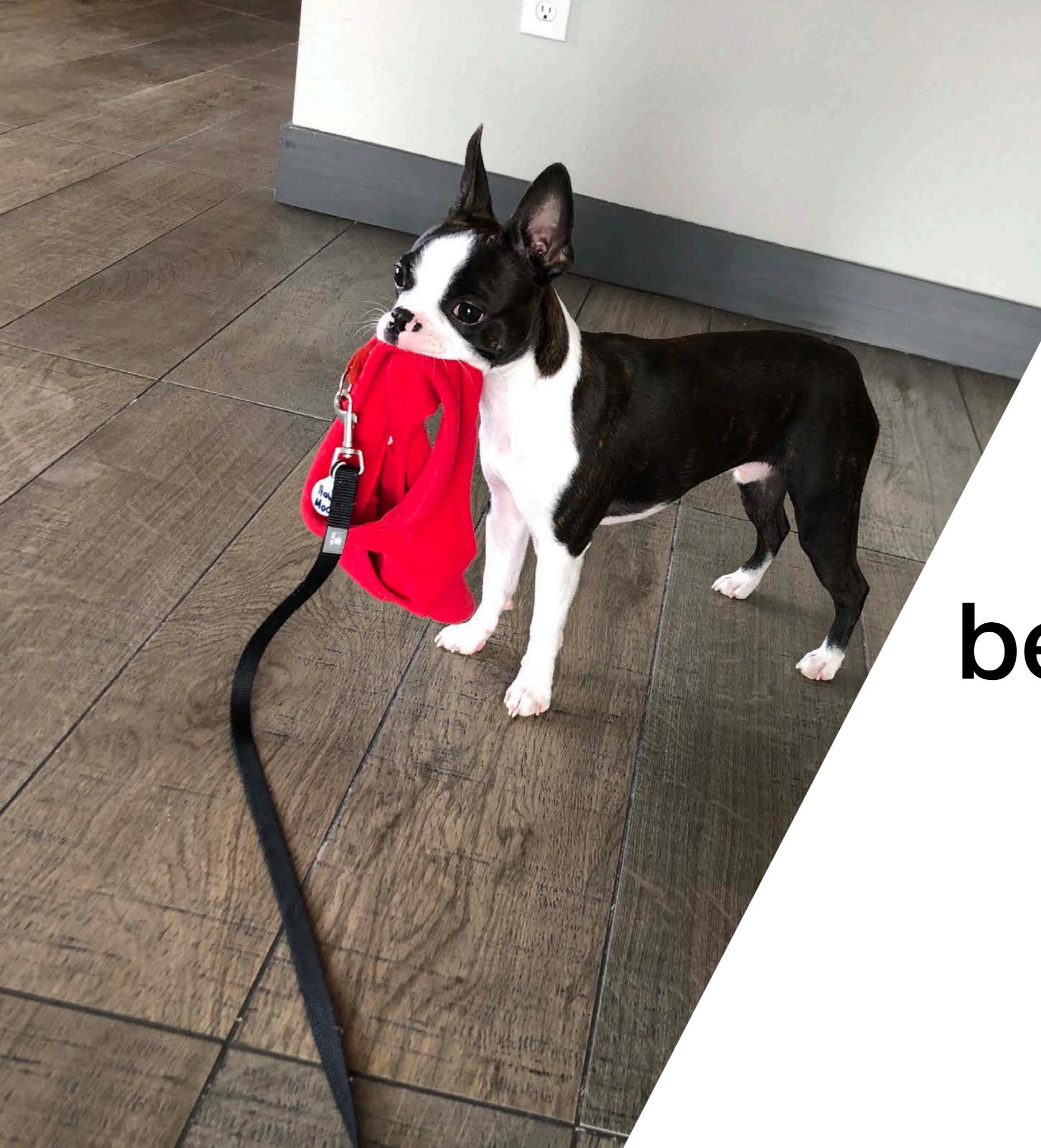
Feel free to contribute.

Airbnb

- Using R packages and education to scale Data Science at Airbnb

The figure consists of six subplots arranged in a 2x3 grid. The top row shows histograms of count vs. carat for each theme. The bottom row shows density vs. carat for each theme. A legend on the right indicates categories D (red), E (orange), F (teal), and G (green).

- Using googlesheets and mailR packages in R to automate reporting
- How R helps Airbnb make the most of its data



be Positive



Hadley Wickham

@hadleywickham

Following

I love the fact that when I don't know how to do something in ggplot2, I can google it and find out **#rstats**



Hadley Wickham

@hadleywickham

Following

I google for **#rstats** code all the time!

Freya Rowland @freshwaterfreya

I find it enormously comforting that several people with mad #rstats skills have mentioned they often Google for code. **#sohappyitsnotjustme**

5:45 AM - 26 Jul 2016

93 Retweets **210** Likes



13

93

210





A dark, out-of-focus photograph of a nighttime urban environment. In the foreground, there's a cluster of blurred lights, possibly from a car's headlights or a street lamp. The background is mostly black, with some distant, indistinct shapes that could be buildings or trees. The overall atmosphere is hazy and lacks sharp detail.

THANK
YOU