

```
library(dplyr)

rladies_global %>%
  filter(city == 'Philadelphia')
```



R-Ladies Philly!

Wifi: chopguest (no pwd!)

Live-tweet this event:
@RLadiesPhilly,
#RLadies, #rstats

Thank you to our host and food sponsor!



The Children's Hospital
of Philadelphia®

& The Children's Hospital of Philadelphia's iSTEM Employee Resource Group

R-Ladies

2012 - now | 186 groups | 51 Countries | 186 Cities | 61,782 members

Mission: Promote gender diversity in the R community

- Increase **representation** of minority genders in every role and area of **participation**, i.e. as Leaders, Package developers, Conference speakers, Conference participants, Educators, Users
- Build a **collaborative** global network
- Public events run by R-Ladies are always offered **free** of charge to participants

[Code of Conduct](#)



R-Ladies Philly

2019 Highlights



	Respondents
Workshops on specific packages (caret , igraph/ggraph , ggplot)	> 75 %
Tutorials on advanced R topics (machine learning , network analysis , r markdown , data visualization) Presentations of research that uses R (open science & bioinformatics , diversity & inclusion , breast cancer survival analysis , public health) Events with advice on careers in statistics and data science/career panels (DataJawn , diversity & inclusion in data science , open science & bioinformatics) Community project (R-Ladies for PAWS , round 2)	50-75%
Introduction to R workshops (N/A) Mentoring (N/A) General networking (happy hours , partner events , code & coffee) Paired code review (N/A)	< 50%



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2019 Highlights



- Survey respondents comfortable using R: 61% (2018) vs. 78% (2019)
- R-Ladies has helped members
 - Gain new skills that have been helpful at work
 - Find (higher-paying) jobs
 - Improve their skills & understanding of data work (scraping, statistics, tidyverse, rmarkdown)
 - Write cleaner code
 - Crowd-source solutions to coding problems
 - Get inspired to put renewed effort into their packages
 - Made new friends and connections
 - Gain confidence presenting in front of an audience



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2020 Outlook



	Respondents
More workshops	> 50%
More lectures More code & coffee More team projects Show'n'tell	25 - 50%
Improve meetup structure (eg add learning objectives, follow a template, provide more info) Communicate more conference opportunities More happy hours Adjust meeting schedule & locations	< 25%



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2020 Outlook



	Respondents
Workshops on specific packages Tutorials on advanced R topics (e.g. package development)	> 75 %
Presentations of research that uses R (DataJawm proposals open Feb, thru April!) General networking (happy hours , partner events , code & coffee) Mentoring (online directory) Events with advice on careers in statistics and data science/career panels Community project (PAWS analyses , Opioid Data Hackathon)	50-75%
Introduction to R workshops Paired code review Team structure Data engineering/infrastructure	< 50%



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Opioid Data Hackathon



(only ~30 spots left) <https://codeforphilly.org/events/datahack2020>

- Feb 7, 2020 (Friday): Partner presentation night
- Feb 8, 2020 (Saturday): First hack day
- Feb 11 - March 10, 2020 (Tuesdays): Code for Philly Hack Nights
- March 17, 2020 (Tuesday): Presentation night

1. How many IV drug users are in Philadelphia?
 - a. Data from syringe exchange program
2. What have been the effects of granting citizens access to Narcan?
 - a. Prevention point trains people in the community and fills Narcan for them to use as needed; data includes communities served by trainees, Narcan refills, and date when trainees were trained
3. Can we visualize the complicated path to recovery in Philly?
 - a. Provider capacity (providers & practices that can help patients with Medication Assisted Interventions)
 - b. Points of entry and transfer of care



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2020 Focus - Interest Areas



Fields/Topics: Physics, Public/Global Health, Health sciences, Mathematics, Language research, Dogs, Statistics, Forest Ecology, Environmental History, Philadelphia's built environment, mental health, Biology

Techniques/Practices: Deep Learning, Working with big datasets, inspecting data, handling missing data, R for beginners, data viz, package creation, Building tools that are sustainable, reproducible and scalable, reproducible workflows, improving the quality of research code, code review

Dissemination: Making data science more accessible to non-traditional practitioners

Management: Capacity building, Helping functional teams define what they are trying to achieve, then collecting and analyzing the data necessary to assess success



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Help build our community!

- Give a talk/workshop on a topic of your choice
 - *E.g. a workshop on tidyverse in April? Lead a workshop with DataPhilly in March?*
- Mentor/coach others
- Lead a project
- Help with logistics of organizing meetups
- Write blog posts
- Live-tweet meetups, post photos of meetups
- Help us find sponsors*



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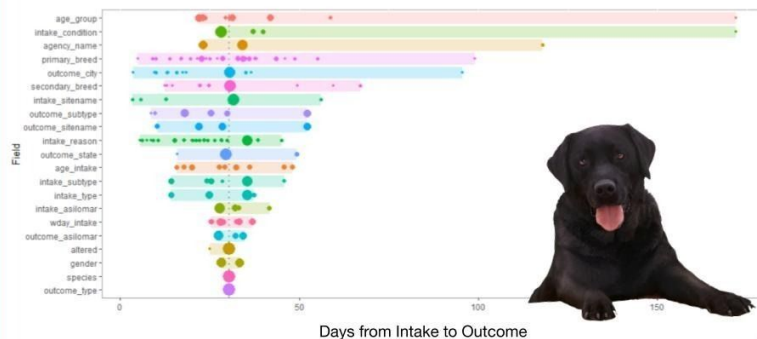
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Data Exploration: Dogs



- Which factors might confer variability for a dog's wait time at PAWS?





R-Ladies Philly @RLadiesPhilly · 13 Sep 2018

Testing out the theme "kakawait/hugo-tranquilpeak-theme". Anyone have recommendations for the best themes to use with [#blogdown](#) and [#rstats](#)??

