

# DataViz 2.0

Feb 10, 2020

**R-Ladies East Lansing**

[rladies-eastlansing.github.io](https://rladies-eastlansing.github.io) | [@RLadiesELansing](https://twitter.com/RLadiesELansing) | [eastlansing@rladies.org](mailto:eastlansing@rladies.org)

💰 Today's Sponsor



**Computational Mathematics, Sciences & Engineering**  
*Colleges of Engineering & NatSci*

# Intro | Meet & Greet

- 🍕 + Sign-up + 🧠
- Do you have the most recent version of
  - R (3.1+), RStudio & Tidyverse?
  - NO? Installation time!



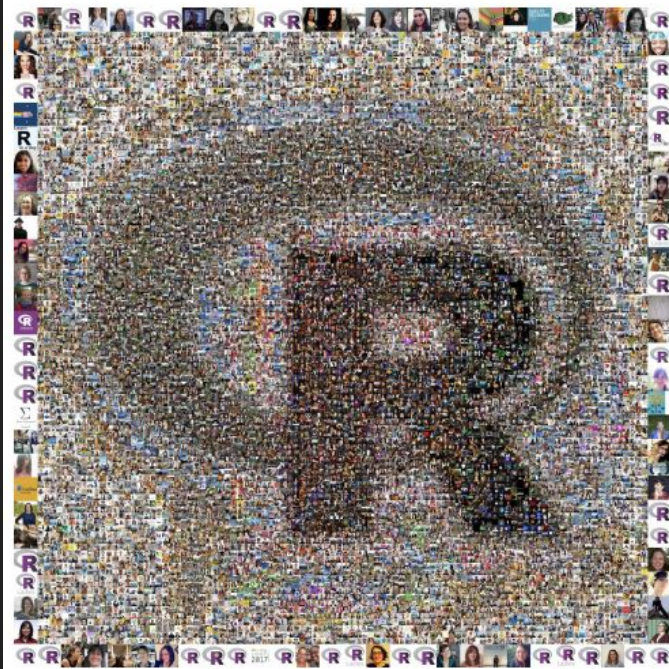
Need help? Red sticky!

All set? Green!

Learn more about us: [rladies-eastlansing.github.io](https://rladies-eastlansing.github.io)



Worldwide organization that promotes **gender diversity** in the **#rstats** community via meetups and mentorship in a **friendly** and **safe** environment



# New Members?

1. Join us, RSVP on **Meetup**

[bit.ly/rlel-meetup](https://bit.ly/rlel-meetup) aka

[meetup.com/rladies-east-lansing/](https://meetup.com/rladies-east-lansing/)

— Interact with our ~300  
R-member base on **Slack!**

meetup

Start a new group Log in Sign up

#1

Part of **R-Ladies - 173 groups**

**R-Ladies East Lansing**

East Lansing, MI  
327 members · Public group  
Organized by R-Ladies G. and 3 others

Share: f t in

#2

About Events Members Photos Discussions More

**Join this group**

**What we're about**

Mission

R-Ladies is a worldwide organization whose mission is to promote gender diversity in the open-source R community.

Who we are/What we do:

R-Ladies East Lansing is a local chapter of R-Ladies Global. We meet to...

Read more

**Upcoming events (2)**

See all

MON, SEP 16, 6:00 PM

**Data Science Journeys**

Biomedical and Physical Sciences

Welcome to R-Ladies East Lansing!  
a local chapter of R-Ladies Global

We're very excited to announce that R-Ladies East Lansing is officially one year old! We hope you'll join us to hear stories from a few R-Ladies about how they got started in their data science careers and enjoy some birthday cake with us...

44 attendees

**Attend**

#3

# New Members?

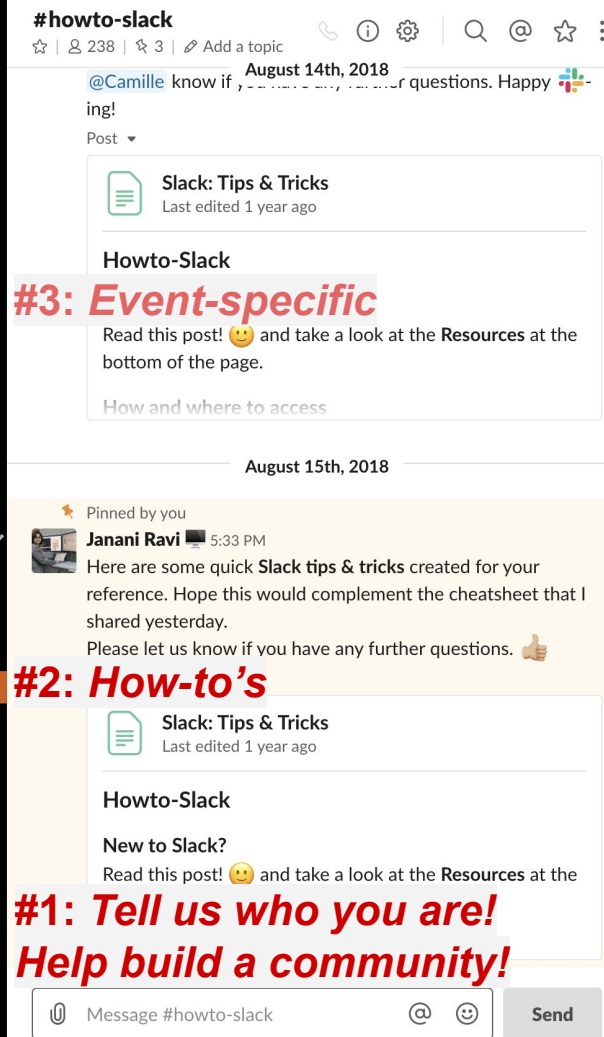
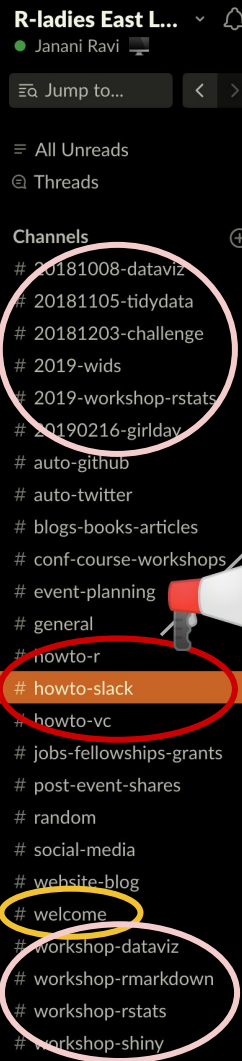
## 2. Participate in the community on Slack

[rladies-eastlansing.slack.com](https://rladies-eastlansing.slack.com)

→ Introduce yourself today!

**#welcome**

**#20200210-dataviz**



### #3: Event-specific

Read this post! 🍌 and take a look at the Resources at the bottom of the page.

How and where to access

August 15th, 2018

### #2: How-to's

Slack: Tips & Tricks  
Last edited 1 year ago

Howto-Slack

New to Slack?

Read this post! 🍌 and take a look at the Resources at the

### #1: Tell us who you are! Help build a community!

# New Members?

3. Check us out (*later*) on:

- GitHub
- Twitter
- Facebook

Email:

[eastlansing@rladies.org](mailto:eastlansing@rladies.org)

The screenshot shows the GitHub profile for R-Ladies East Lansing. The profile includes a logo, location (East Lansing, MI), and a link to the website. It lists 3 repositories, 1 person, and 0 projects. The pinned repositories section shows three items: 'rladies-eastlansing.github.io' (a webpage), 'meetup-presentations-eastlansing' (forked from rladies/meetup-presentations\_eastlansing, containing HTML, 2 stars, and 3 forks), and 'starter-kit' (forked from rladies/starter-kit, containing R).

The screenshot shows the Twitter profile for R-Ladies East Lansing. It features a world map with locations marked in purple. The profile statistics show 52 tweets, 358 following, 171 followers, and 78 likes. The bio states: "R-Ladies East Lansing, MI is part of a worldwide organization to promote gender diversity in the R community via meetup, mentorship, & collaboration! #rstats". A recent tweet from @RLadiesEastLansing mentions a meetup on Monday featuring @barnackolopoulos, @kayianbio, @blackies, @laurenwinieski, and @VFFrancis.

The screenshot shows the Facebook page for R-Ladies East Lansing. The cover photo features a desk setup with a laptop and a sign that reads "R-LADIES EAST LANSING". The page includes a bio, a post from September 7 about a meetup, and a community section with 19 people who like the page.



# Announcements

## Spring 2020 Events

- **DataViz 2.0**
- R-Markdown & Reproducible Research
- Version Control: Git w/ R
- RegEx & String Manipulation w/ R
- ***Women+ Data Science Symposium!***
- #ShutUp&Code + #R-help

## RSVP on Meetup

[meetup.com/rladies-eastlansing/events/upcoming](https://www.meetup.com/rladies-eastlansing/events/upcoming)



# R-LADIES EAST LANSING

Discuss. Teach. Learn.  
Work on all things R!

Want to  
take up a role/  
co-lead a workshop?  
**Email us!**

## SPRING 2020

- **Feb 10** Data Visualization 2.0
- **Feb 24** R-Markdown & Reproducible Research
- **Mar 16** Version Control: Git w/ R
- **Mar 30** Regular Expressions & String Manipulation w/R
- **Apr 17** Women+ Data Science Symposium\*
- **Apr 20** ShutUp & Code: troubleshooting your R code

**Time:** 6-7:30 PM (\*W+DS is an all day event @MSU-Union!)

**Venue:** Biomedical & Physical Sciences, Room 1300, MSU Campus

**All R-users and all experience levels welcome!**

Pizza and Pop provided. *RSVP on Meetup required.*  
<https://www.meetup.com/rladies-eastlansing/>

**Organizers:** Janani Ravi | Camille Archer

**Contact:** [eastlansing@rladies.org](mailto:eastlansing@rladies.org)

**Join:** [rladies-eastlansing.slack.com](https://rladies-eastlansing.slack.com)



Connect with us on social media!  
[rladies-eastlansing.github.io](https://rladies-eastlansing.github.io)





# Announcements

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- **Women+ Data Science Symposium!**
- #ShutUp&Code + #R-help

**Register/Submit an Abstract here:**

[bit.ly/2020-wpds-reg](https://bit.ly/2020-wpds-reg)



## Women+ Data Science

April 17, 2020 | 9AM-5PM | Lake Huron Rm, MSU Union

Michigan State University and the University of Michigan are delighted to welcome you to the **2020 Women+ Data Science Symposium**.

The symposium provides a platform for all practicing and aspiring data scientists, but especially **women and gender minority participants**, to discuss cutting-edge research, explore resources for research and career advancement, and network with other attendees. **Everyone is welcome to contribute and attend.**

We invite talk/poster abstracts in the following areas:

- Theoretical foundations
- Methodology and tools
- Real-world applications in any research domain
- Ethics, fairness, and societal impact
- Emerging research areas

**Keynote Speaker**

TBA

**Technical Vision Speaker**

**Ceren Budak**

School of Information, U-M

**Submission Deadline:** Feb 29, 2020

**Decision Notification:** Mar 15, 2020

*Transportation will be provided from Ann Arbor to East Lansing.*

Website: [bit.ly/2020-wpds](https://bit.ly/2020-wpds)

Registration: [bit.ly/2020-wpds-reg](https://bit.ly/2020-wpds-reg)

Email: [women.plus.datascience@gmail.com](mailto:women.plus.datascience@gmail.com)

Organizers







# Announcements

**2019 Excellence in Diversity Award from MSU  
for 'emerging team'!**

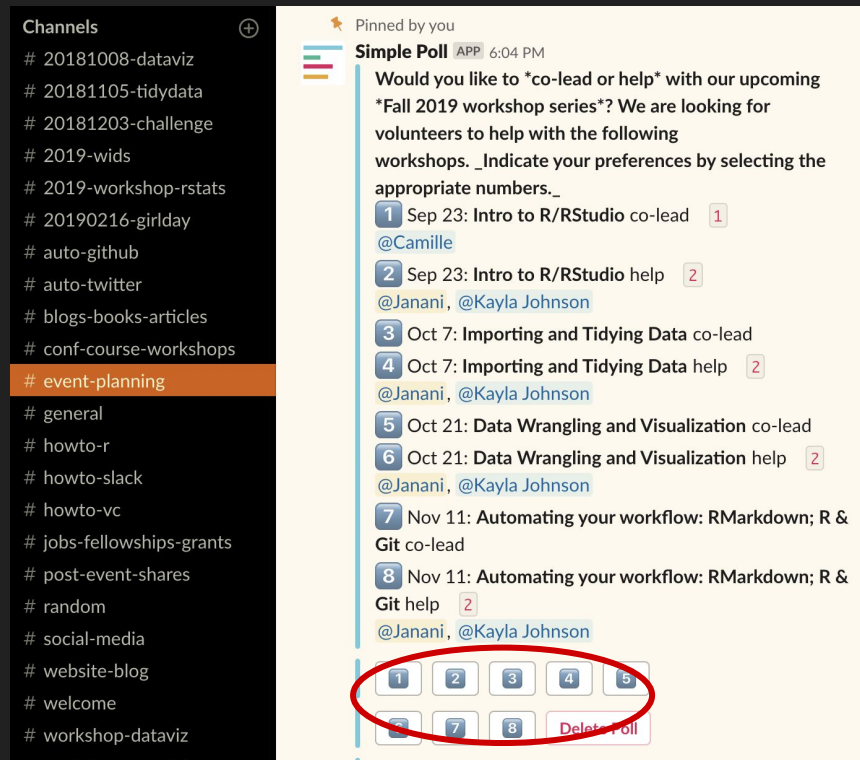
*~ On behalf of R-Ladies East Lansing*

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# Get Involved

- Lead/help
  - Complete the RLEL Survey
  - Fill out the call for volunteers poll
- **#event-planning** → → →
- Share your feedback!
  - **#workshop-topic**
  - **#YYYYMMDD-topic**
  - **Jobs, Qs, articles, talks**



The screenshot shows a Slack interface. On the left is a dark sidebar with a list of channels. The channel **# event-planning** is highlighted in orange. The main area on the right shows a pinned message titled "Simple Poll" with a timestamp of 6:04 PM. The poll text asks for volunteers to help with upcoming workshops. It lists eight options, each with a number in a blue box and a response count in a red box. The first five options are circled in red at the bottom of the poll interface.

**Channels**

- # 20181008-dataviz
- # 20181105-tidydata
- # 20181203-challenge
- # 2019-wids
- # 2019-workshop-rstats
- # 20190216-girlday
- # auto-github
- # auto-twitter
- # blogs-books-articles
- # conf-course-workshops
- # event-planning**
- # general
- # howto-r
- # howto-slack
- # howto-vc
- # jobs-fellowships-grants
- # post-event-shares
- # random
- # social-media
- # website-blog
- # welcome
- # workshop-dataviz

**Pinned by you**

**Simple Poll** APP 6:04 PM

Would you like to "co-lead or help" with our upcoming \*Fall 2019 workshop series\*? We are looking for volunteers to help with the following workshops. \_Indicate your preferences by selecting the appropriate numbers.\_

- 1 Sep 23: Intro to R/RStudio co-lead 1  
@Camille
- 2 Sep 23: Intro to R/RStudio help 2  
@Janani, @Kayla Johnson
- 3 Oct 7: Importing and Tidying Data co-lead
- 4 Oct 7: Importing and Tidying Data help 2  
@Janani, @Kayla Johnson
- 5 Oct 21: Data Wrangling and Visualization co-lead
- 6 Oct 21: Data Wrangling and Visualization help 2  
@Janani, @Kayla Johnson
- 7 Nov 11: Automating your workflow: RMarkdown; R & Git co-lead
- 8 Nov 11: Automating your workflow: RMarkdown; R & Git help 2  
@Janani, @Kayla Johnson

1 2 3 4 5

6 7 8 Delete Poll



# Get Involved

- Lead/help?

Channels +  
# 20181008-dataviz  
# 20181105-tidydata

Pinned by you  
**Simple Poll** APP 6:04 PM  
Would you like to \*co-lead or help\* with our upcoming


Of the people, by the people, for the people...  
Democracy is *not just* for **countries**,  
it's also for the **R-Ladies East Lansing** community!

- #workshop-topic
- #YYYYMMDD-topic
- Jobs, Qs, articles, talks

# jobs-fellowships-grants  
# post-event-shares  
# random  
# social-media  
# website-blog  
# welcome  
# workshop-dataviz

Git co-lead  
8 Nov 11: Automating your workflow: RMarkdown; R &  
Git help 2  
@Janani, @Kayla Johnson

# DataViz 2.0

- **Data-to-viz.com:** [data-to-viz.com](http://data-to-viz.com)
- **R graph gallery:** [r-graph-gallery.com](http://r-graph-gallery.com)
- **ggplot extension gallery:** : <http://www.ggplot2-exts.org/gallery/>
- Our previous workshops & cheatsheets:  
 [github.com/rladies-eastlansing/](https://github.com/rladies-eastlansing/)
- Google & <https://stackoverflow.com/> are your best friends!

# DataViz 2.0

- Veronica Frans
  - Julian Camilo Bello-Rodriguez
  - Janani Ravi & Camille Archer
- 
- Google & <https://stackoverflow.com/> are your best friends!

# Find us Online!

## R-Ladies

### East Lansing


 eastlansing@rladies.org  
 @RLadiesELansing  
 rladies-east-lansing  
 @rladies-eastlansing  
 rladies-eastlansing.slack.com  
 ICER, Michigan State University

### Global

 rladies.org  
 @RLadiesGlobal

## Organizers

### Janani Ravi

 jananiravi@rladies.org  
 @jananiravi  
 @janani137  
 jananiravi.github.io

### Camille Archer

 camille@rladies.org  
 @archerc5  
 @camillearcher5  
 camille.archer.1

[rladies-eastlansing.github.io](https://rladies-eastlansing.github.io)

# Questions? Comments?



eastlansing@rladies.org



@RLadiesELansing



rladies-east-lansing



@rladies-eastlansing



rladies-eastlansing.slack.com



# Resources



- Hands-On Programming with R: *Grolemund* #HOPR
  - <https://rstudio-education.github.io/hopr/>
- R for Data Science: *Wickham & Grolemund* #R4DS
  - <https://r4ds.had.co.nz>
- R Programming for Data Science: *Peng*
  - <https://leanpub.com/rprogramming>

