

Data Wrangling & Viz w/ R

Oct 21, 2019

R-Ladies East Lansing

Participate: bit.ly/rlel-survey-2019



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



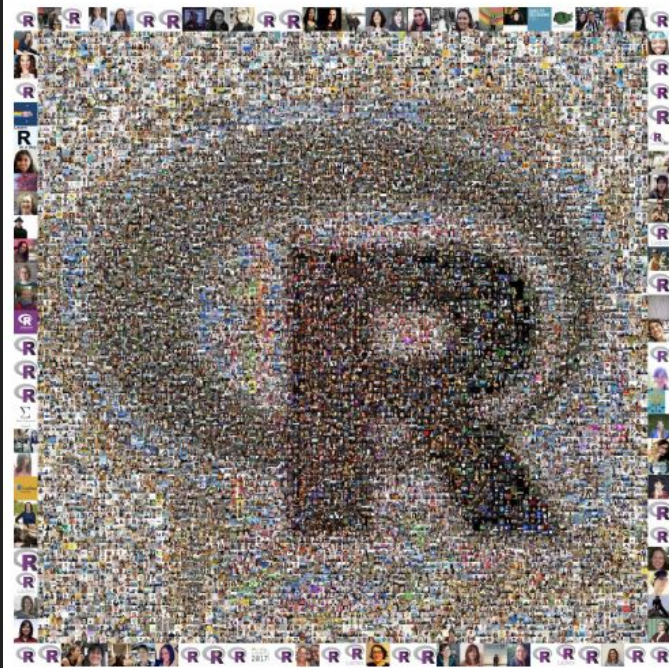
Need help? Red sticky!

All set? Green!

Learn more about us: rladies-eastlansing.github.io



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



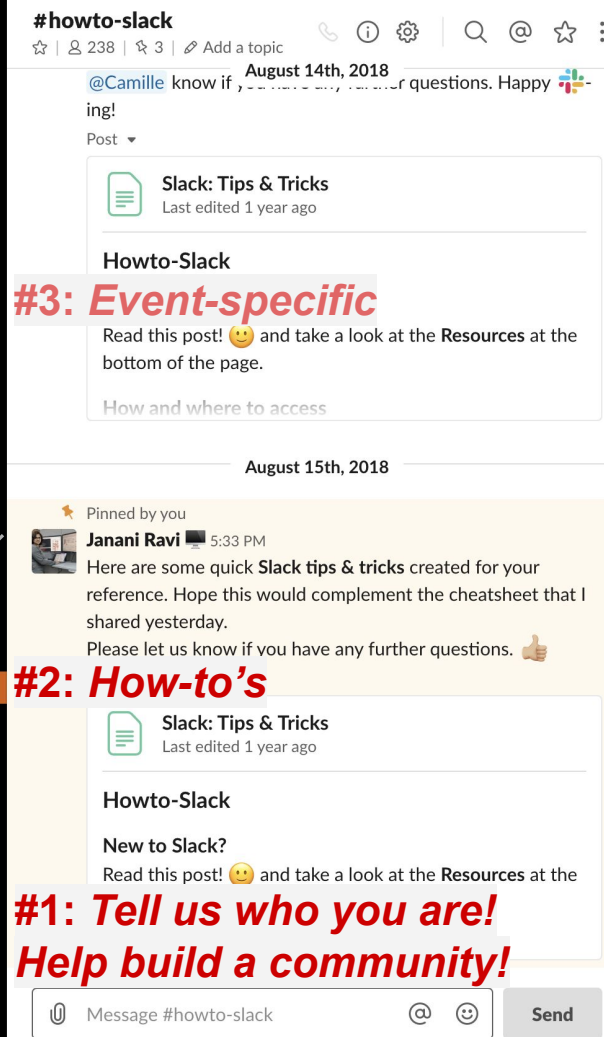
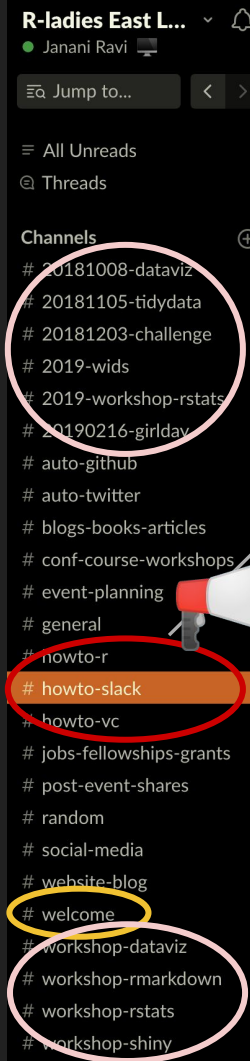
New Members?

Participate in the community
on **Slack**

rladies-eastlansing.slack.com

→ Introduce yourself today!

#welcome





Announcements

Fall 2019 Workshops

- ✓ Intro to R/Rstudio
- ✓ Importing & Tidying Data
- **Data Wrangling & Visualization**
- Automating your workflow: Git & Rmd
- #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!

FALL 2019

- **Sept 16** Data Science Journeys: A networking event
- **Sept 23** Introduction to R & RStudio
- **Oct 7** Importing & Tidying Data
- **Oct 21** Data Wrangling & Visualization
- **Nov 11** Automating your workflow: R-Markdown; R & Git
- **Dec 2** Shutup & Code: troubleshooting your R code

Time: 6-7:30 PM

Venue: Biomedical & Physical Sciences, Room 1425, 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

Join: rladies-eastlansing.slack.com

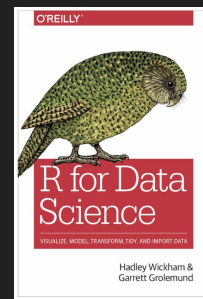
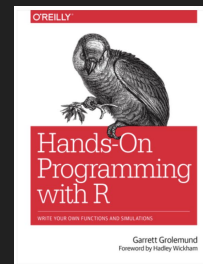


Connect with us on social media!
rladies-eastlansing.github.io

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>



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

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Camille Archer

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rladies-eastlansing.github.io

Questions? Comments?



eastlansing@rladies.org



@RLadiesELansing



rladies-east-lansing



@rladies-eastlansing




rladies-eastlansing.slack.com




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**

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

New Members?

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

bit.ly/rlel-meetup aka

meetup.com/rladies-east-lansing/

— Interact with our huge
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

Organizers

R-Ladies G. and 3 others
Message

Members (327)

See all

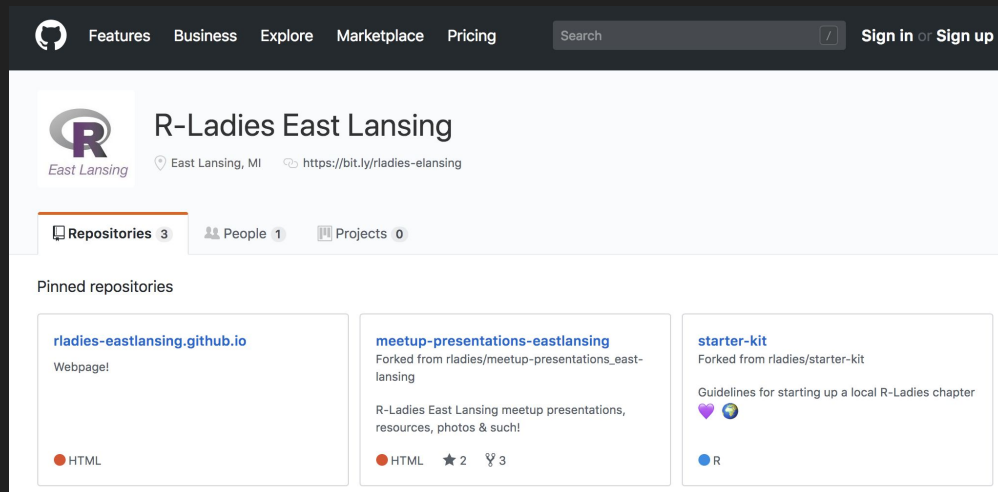
New Members?

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

- GitHub
- Twitter
- Facebook

Email:

eastlansing@rladies.org





Get Involved

- Lead/help?

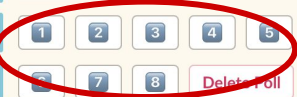
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

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


More Resources

- Try **#TidyTuesday** 
- **gganimate**: [thomasp85/gganimate](https://github.com/thomasp85/gganimate) 
- **tidyexplain**: [gadenbuie/tidyexplain](https://github.com/gadenbuie/tidyexplain) 
- **Pipes (%>%)**: datacamp.com/community/tutorials/pipe-r-tutorial
- **Radix (theme for RMarkdown)**: <https://rstudio.github.io/radix/>
- Google & <https://stackoverflow.com/> are your best friends!