

R-LADIES GABORONE LAUNCH

NOVEMBER 6, 2021



```
library(dplyr)  
rladies_global %>% filter(city == 'Gaborone')
```


OVERVIEW

- Brief: R-Ladies Global
- Insight about R-Ladies Nairobi
- R-Ladies Gaborone – Steps towards building an R community
- How to get involved in the R community
- Brief: R for Data Science (R4DS)

ACKNOWLEDGE

- Shannon Pileggi
- Ryan Metcalf
- Vebash Naidoo
- Paloma Rojas-Saunero
- Shel Kariuki



HELLO!

I am Njoki Njuki

- A second-year student at Hasselt University, pursuing MSc Statistics and Data Science specialising in Biostatistics.
- I am also a trainer of Data Management and Analysis, and Basic Statistics at Training Center in Communication, located at the University of Nairobi.
- I am the organiser of R-Ladies Nairobi (part of the R-Ladies Global).
- I also love reading books, blogs about advances in scientific research. Currently part of a book club under R4DS Learning Community studying the “R for Data Science” book.

Let's connect via:

Twitter: @lucy_njokinjuki

LinkedIn: Njoki Njuki Lucy:

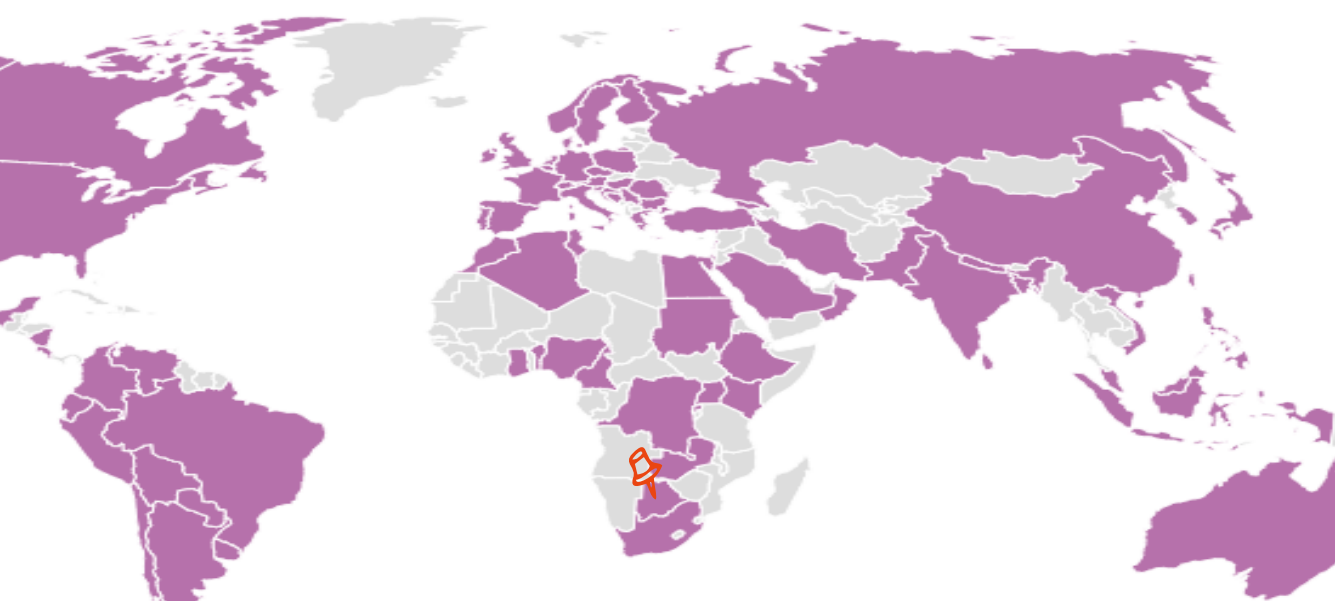
<https://www.linkedin.com/in/lucy-njoki/>

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R-LADIES GLOBAL

- A world-wide organization with a mission to promote gender diversity in the R community.
- The R community suffers from underrepresentation in every role from users, leaders, developers, conference speakers, and educators.
- Brief history:
 - R-Ladies was founded in October 1, 2012 by [Gabriella de Quirezo](#)
 - First meetup took place in San Francisco, California (United States)
 - R-Ladies Global was born and the grant was awarded in September 2016.
 - R-Ladies has grown to [212 chapters in 60 countries with 80493 members](#)
- As a chapter of R-Ladies Global, we are guided with the [code of conduct](#) provided.
- To participate in R-Ladies community:
- Join the R-Ladies directory [here](#)
- Slack channel [here](#)


↓ BY COUNTRY ↓



A world map showing the distribution of COVID-19 cases by country. The map uses a color scale from light yellow (low cases) to dark red (high cases). A red pin is placed on the map of Africa, specifically over South Africa, indicating a location of interest.

For more information about R-Ladies Global, visit: <https://rladies.org/>

BRIEF ABOUT R-LADIES NAIROBI

- Currently celebrating our first anniversary:
<https://www.meetup.com/rladies-nairobi/events/281445553/>
- Teamwork and Organisation
- Communication
-  Lifelong friendship
- Collaboration with other chapters & Nairobi R User Group



Maggie, Njoki, Faith, Shel

R-LADIES GABORONE – STEPS TOWARDS BUILDING AN R COMMUNITY

- Worry not about the number of participants at the start, rather have a workable plan of what you want to achieve as a chapter!
- Use the *R-Ladies directory*, *#rstats*, *#TidyTuesday*, *conferences*, and *book clubs* to look for trainers / speakers.
- Again, small steps make significant differences in the long run.
 - Swahili saying: “*Kidogo kidogo hujaza kibaba!*”



HOW TO GET INVOLVED IN THE R COMMUNITY?

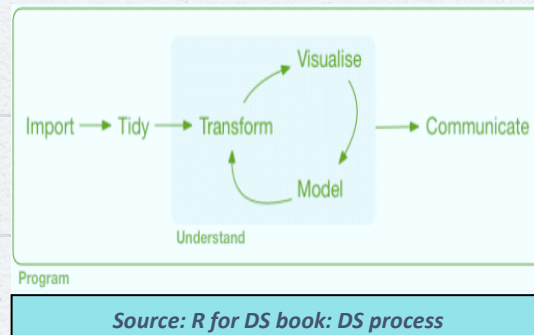
- #TidyTuesday – Created by Dr. Thomas Mock
 - Great way to learn and practice on known skills
 - See what others have done
- Asking help – R Community is very friendly
 - RStudio Community:
<https://community.rstudio.com/>
 - GitHub
 - StackOverflow
 - #Rstats
 - R4DS Slack channel
- Answering Questions!
- Participating in the R conferences:
 - useR!
 - RStudio
 - R/Medicine
 - Can apply for diversity scholarship


- Pet Projects:
- I created a simple shiny app to track how the Covid-19 epidemic was evolving in Kenya:
https://lucy-njoki-njuki.shinyapps.io/trial12covidtrends/?_ga=2.19698296.1976740036.1635787982-565198700.1635787982
- Learned from participating in R-Ladies Capetown meetup!
- Submitted a shiny app in the R Shiny contest 2021: age-structured explicit SEIR model:
<https://community.rstudio.com/t/age-structured-stochastic-seir-modelling-covid-19-pandemic-in-kenya-shiny-contest-submission/104837>
- Learning process

- Networking:
- I interact with a minimum of 2 to 3 persons each conference. Very important to build your network!
- Participate in meetups. Check out all meetups happening worldwide hosted by different R-Ladies chapters:
<https://www.meetup.com/pro/rladies/>

R For Data Science

- Data Science (DS) is a discipline that allows us to turn raw data into understanding, insight, and knowledge.
 - R software can be used to do DS.
- A good book to read by Dr. Hadley Wickham & Dr. Garrett Grolemund:
<https://r4ds.had.co.nz/index.html>
- Join the [rfordatasci](https://www.rfordatasci.com/) community:
<https://www.rfordatasci.com/>
 - Book clubs – Great way to learn with a team.
 - Under guidance of awesome mentors such as Jon Harmon!



A large, stylized pencil-shaped sign is mounted on a light gray concrete wall. The sign has a purple eraser on the left, a yellow body, and a gray pencil lead tip on the right. The words "LOVE TO LEARN" are written in a bold, black, hand-drawn font on the yellow body. In the background, a person in a blue hoodie and jeans is walking on a sidewalk, and there are some green bushes and a house visible.

LOVE TO
LEARN

THANK YOU!!