```r
library(dplyr)

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

R-Ladies Tbilisi
April 6, 2017

What is R? Why R?

❖ Open source free software for statistical analysis and visualisation

❖ Programme own methods & use existing tools (packages) for own jobs/ tasks/ purposes

❖ R is command-driven → type in a command, execute it

❖ Allows independence and flexibility

❖ Big supporter-developer community

What is R? Why R?

Download R 3.3.3 for Windows
https://cran.r-project.org/bin/windows/base/

Mac https://cran.r-project.org/bin/macosx/

Download interface RStudio https://www.rstudio.com/

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

https://www.r-project.org/

https://www.r-bloggers.com/

Who is R-Ladies?

❖ Founded by statistician Gabriela de Queiroz in San Francisco, 2012

❖ Increase participation of women in R community

➢ In developing R packages

➢ In attendance of women and female speakers at R conference and meetings

❖ Creation of R user and developer database

Who is R-Ladies? http://rladies.org/

Code of conduct

❖ Public events always offered for free

❖ The conceptual domain/ scope is specific to R

❖ Be aware of other's contributions

❖ Use neutral language

❖ Constructive and supportive environment for R learning

R-Ladies Tbilisi

10 meetups in December 2016 - March 2017 hosted by:
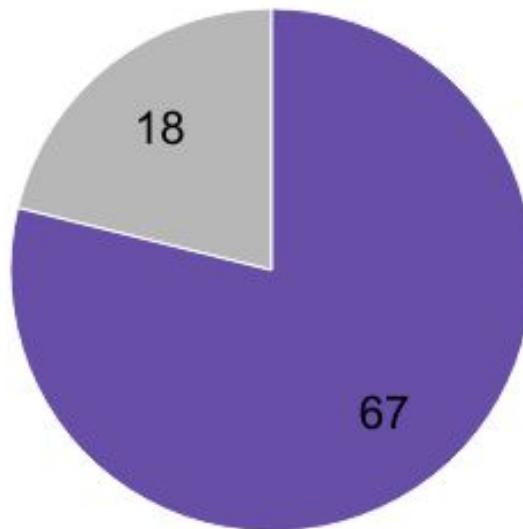
Dinara Urazova

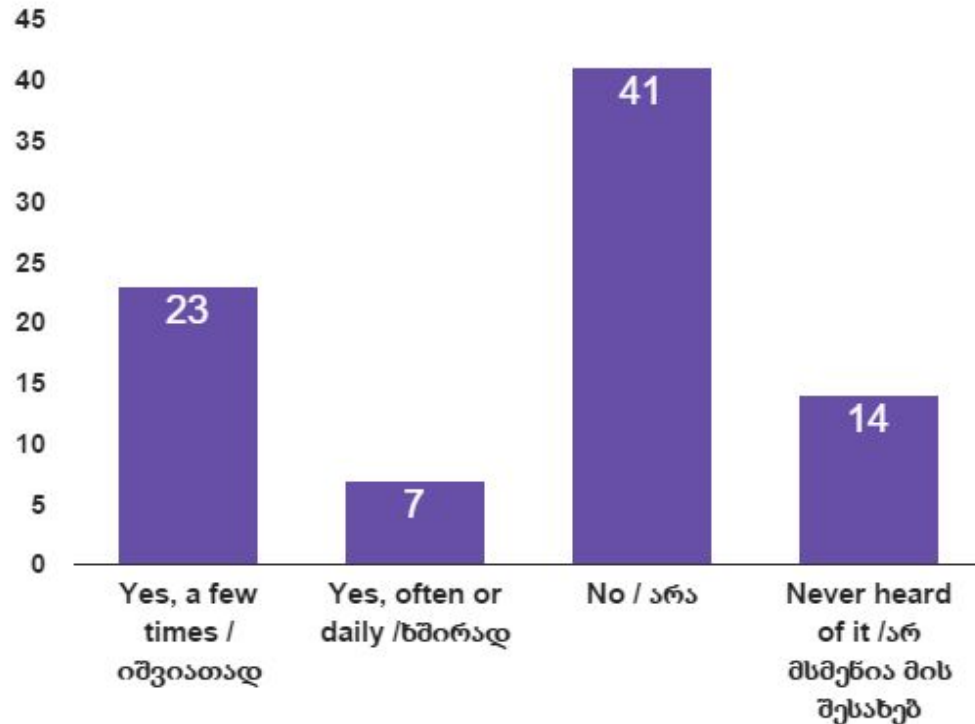Liili Abuladze

Eric Barrett

Dustin Gilbreath

Brian Kuns

Alessandra Carioli
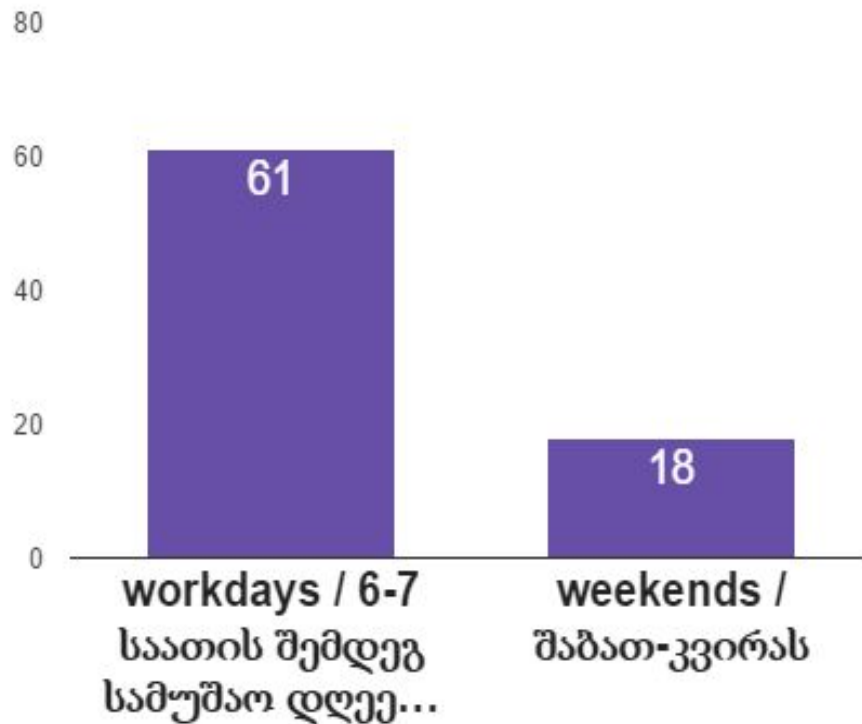
Survey results - 85 respondents

Have you used R programme before? / გამოგიყენებიათ თუ არა R?

Most suitable time for meetups? / რა დრო უფრო მოსახერხებელია თქვენთვის შესახვედრად?

Which topics?

Setting up R, reading & creating data

Data manipulation

Statistical analysis

Spatial analysis, mapping

Data visualisation, plotting

Web apps, web data

Text mining

R-Ladies Tbilisi - next meetups

April meetups **@GeoLab** - Merab Aleksidze 8
April 6 - intro
April 10 - vectors and dataframes
April 11 - data types in R
April 12 - Shiny

7 PM

May - data visualisation, scraping web data, statistical analysis, (mapping)

Open for everyone, beginners welcome to drop in anytime!

R-Ladies Tbilisi

📅 Events
https://www.meetup.com/R-Ladies-Tbilisi/

📝 Materials
https://github.com/rladies/meetup-presentations_tbilisi

👍 Social Media
Twitter @rladiestbilisi
Facebook @rladiestbilisi/

tbilisi@rladies.org ✉️

Resources for learning R

👁 Community blogs + Google your error

https://www.r-bloggers.com/

https://stackoverflow.com/

👁 Good for beginners:

Online coding school http://tryr.codeschool.com/

Videos https://www.youtube.com/user/TheLearnR/featured

Instructions for installing swirl:

http://divenyijanos.github.io/pages/practice-examples-1.html

👁 Specific: Google group for ggplot2 (visualisation package)
https://groups.google.com/forum/#!forum/ggplot2