



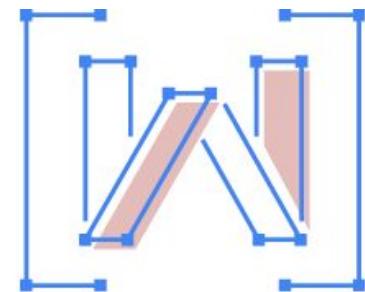
# R Ladies Italy

## Community and vision

Sara Iacozza, Ph.D.  
Data storyteller, Co-organizer R-Ladies Bari

Giovanna de Vincenzo  
Data scientist InfoCamere, Founder R-Ladies Bari

Parvaneh Shafiei  
Data scientist, Founder RLadies Milano



IWD/Diversity

# Agenda

1. R-Ladies Global
2. I chapter locali
3. R-Ladies Italy
4. Restiamo in contatto
5. Q&A session

# R-LADIES Mission



Gabriela de Queiroz  
San Francisco, 2012

1. Promuovere la **diversità di genere** in un campo che ancora oggi è fortemente maschile
2. Focus su **R**, linguaggio di programmazione / analisi statistica
3. Opportunità di **mentorship, apprendimento e supporto**
4. Sentimento di appartenenza ad una **community**

# La mission è semplice

## Perché siamo qui

- Leadership femminile
- Far parte della grande famiglia di useRs e RLadiers
- Unire appassionati di data science & ML
- Favorire contesto innovativo, nuove idee e partnership

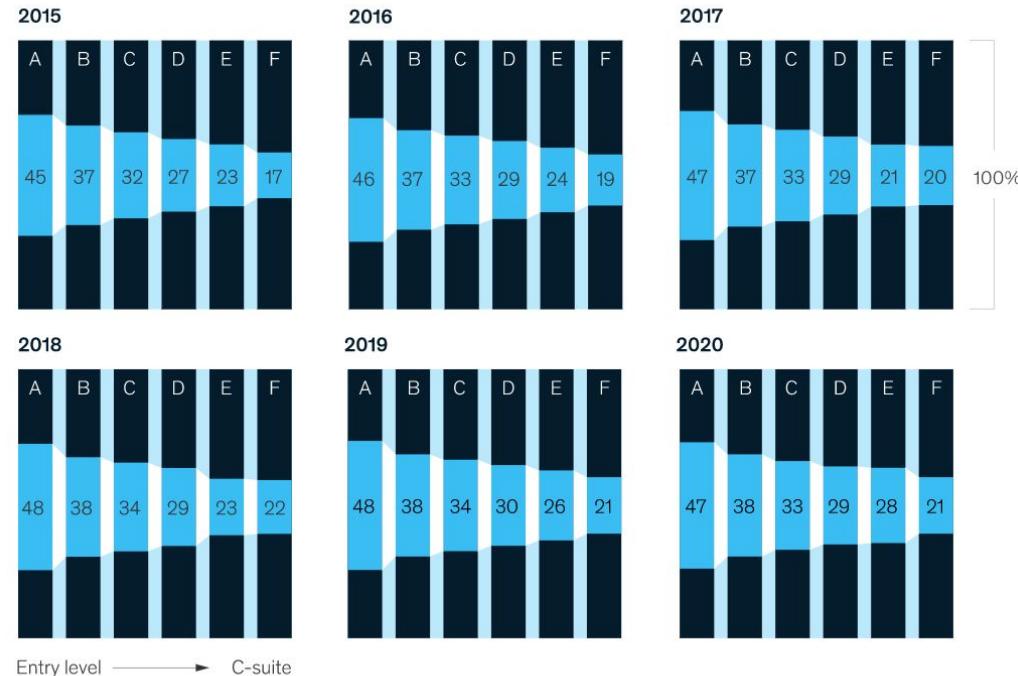
## I nostri obiettivi

- Meetup e Webinar
- Facilitare l'apprendimento di R
- Sostenere e tutorare le donne nella crescita professionale nel settore
- Essere un punto di riferimento locale



# Rappresentanza delle donne per livello, % dei dipendenti

A = entry level B = manager C = senior manager/director D = vice president E = senior vice president F = C-suite



Source: Women in the Workplace 2020, LeanIn.Org and McKinsey, 2020

# R-LADIES - dove siamo oggi?



**193**

Chapters

**76050**

Members

**54**

Countries



# R-LADIES - dove siamo oggi?



193

Chapters



76050

Members



54

Countries



# | FOCUS ON ITALIAN CHAPTERS :



**193**

Chapters



**76050**

Members



**54**

Countries



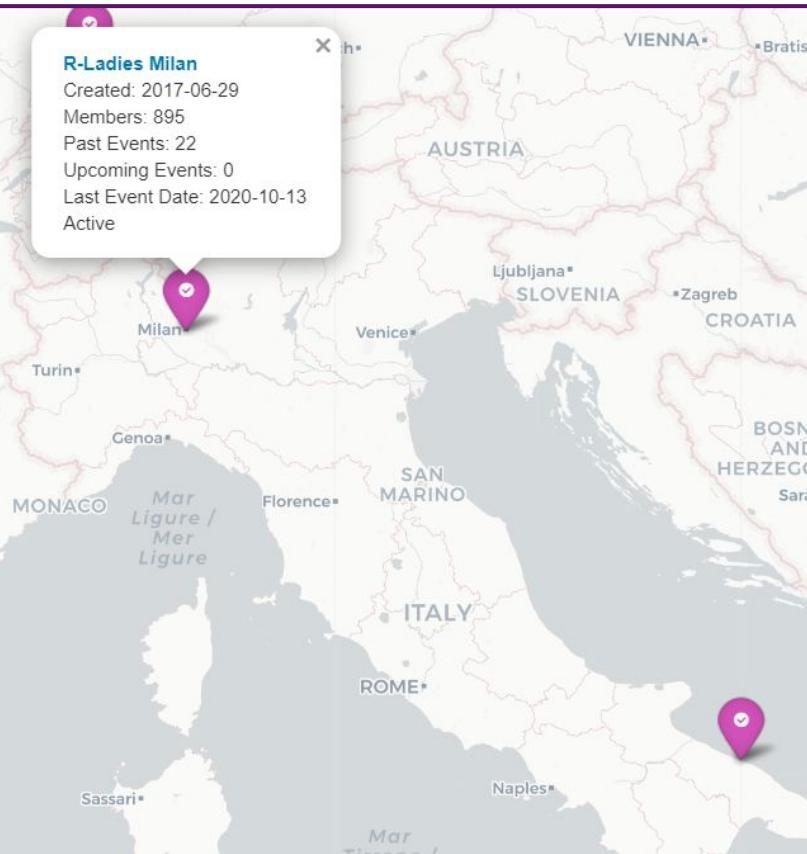
# R-Ladies Milano



# R-Ladies Milano

## R-Ladies Milan

Created: 2017-06-29  
Members: 895  
Past Events: 22  
Upcoming Events: 0  
Last Event Date: 2020-10-13  
Active



**Founder:** Parvaneh Shafiei



**Co-Founder:** Erika Yu

- Inizio: 30 June 2017
- 900 Rladies



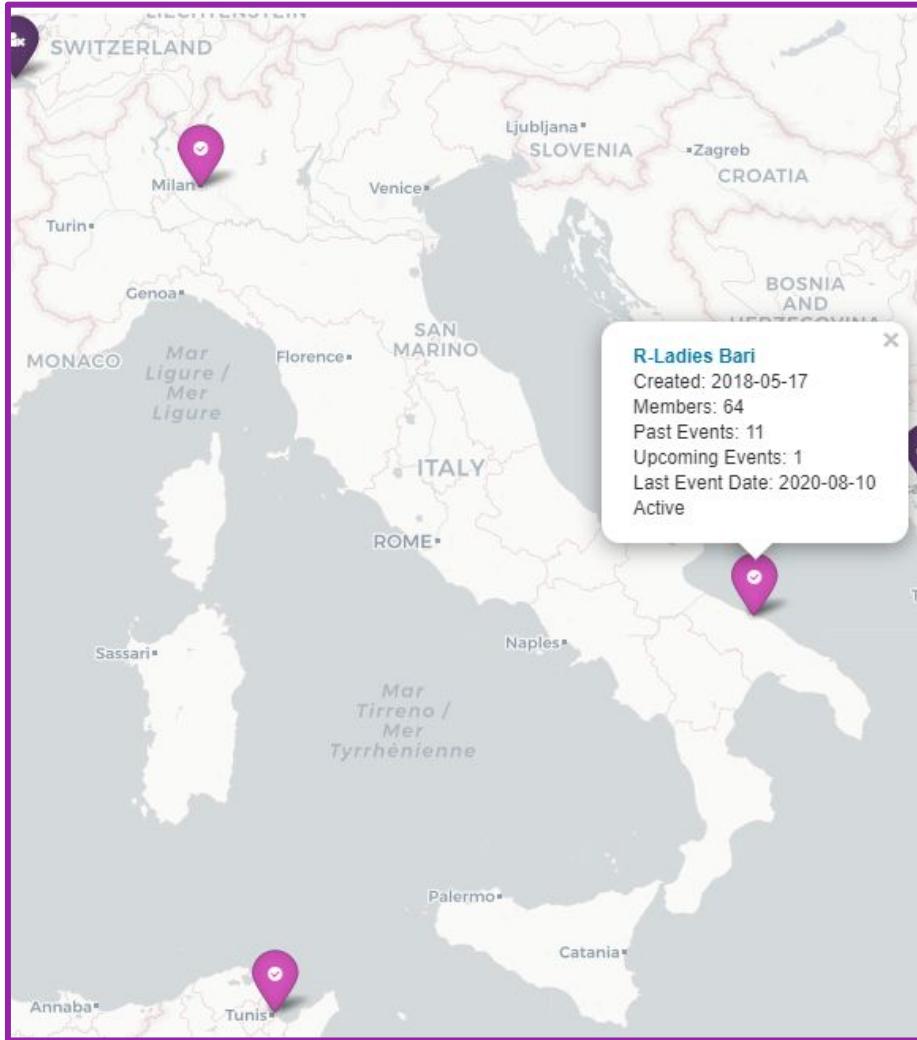
# Cosa abbiamo fatto

- Technical Workshops
- TidyTuesdays
- Talk
- Conferences
- Organizzato il primo WIDS Milano (**Woman in Data Science Conference**) per la prima volta a Milano nel 2019
- L'evento globale si tiene a Marzo dal Stanford Università





R-Ladies Bari



# R-Ladies Bari



**Founder:** Giovanna de Vincenzo  
**Co-Organizers:** Sara Iacozza

**Sponsor & Host:**



# Cosa abbiamo fatto



PRIMO MEETUP

R-LADIES BARI

29 GENNAIO , 2019

6:30 P.M. - VIA N. LOACONO

- INFOCAMERE

Primi passi in RStudio



Francesca



SECONDO M E E T U P

R-LADIES BARI

05 MARZO , 2019

6:00 P.M. - VIA N. LOACONO

- INFOCAMERE, BARI

MANIPOLARE I DATI CON  
TIDYVERSE



Francesca



Giovanna



meetup.com/r ladies - bari

f /RLadiesBari

t @RLadiesBari

10 Gennaio 2020

R-Ladies Bari  
presenta

Data Visualization: workshop  
pratico per beginners in R



RITA COSOLI

Laureata in Psicologia  
Campo di ricerca: Neuroscienze



library(dplyr)

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

Buone abitudini per program

da GitHub a



Registrati qui:



2 dicembre 2019, 18:30  
@IC406 (Strada Vassallo, 1, Bari)



25 Giugno 2019

R-Ladies Bari  
presenta

Data Visualization con GGPlot2



organizza un nuovo evento gratuito:



23 Luglio

R-Ladies Bari  
presenta

Introduzione a



e vieni a scoprire R!



useR!2019 conference & tutorial:  
**'Statistical Data Cleaning using R'**



GIOVANNA



Data Scientist,  
cofounder R-Ladies Bari

7 Maggio 2019

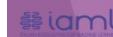
R-Ladies Nimega & R-Ladies Bari  
presentano

Come R ci aiuta a svelare i misteri  
della mente: un pomeriggio con  
una psicologa cognitiva



SARA IACOZZA

PhD in neuroscienze e  
psicologia cognitiva

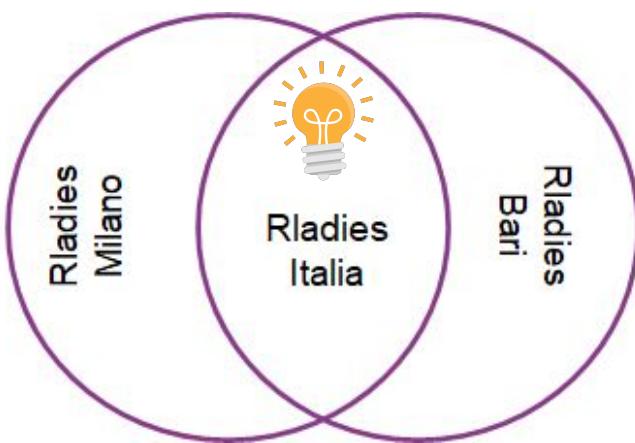




R-Ladies Italy

# | R-Ladies Italy

## Progetto #1



Progetto nato a luglio 2020 a fronte  
del lock-down

Il progetto si realizza attraverso una serie di webinars pensati come strumento che permetta di navigare il mare di opportunità professionali legate al settore.

Con l'obiettivo di offrire una visione ampia e completa, dedichiamo particolare attenzione soprattutto a ruoli in settori non tradizionalmente legati alla Data Science, e.g. HR.

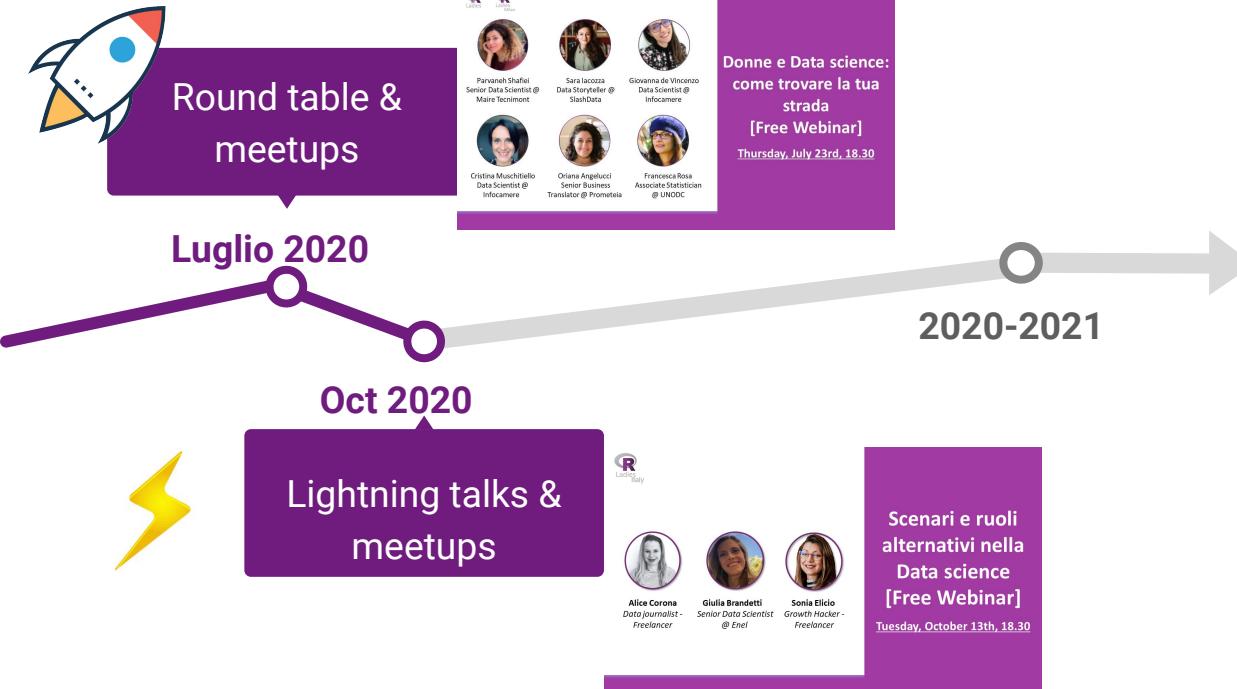
Le donne sono le protagoniste dei nostri webinars.

# Cosa proponiamo

- Supporto nella fase di start-up di **altri chapters** di Rladies in **Italia**
- **Collaborare** con altri Rladies a livello mondiale
- Nuove **partnership** con altri gruppi di Data Science
- Collaborare con altre aziende sul **Diversity&Inclusion**
- **Hackathon**
- **Technical** workshops
- R SatRday Conference Italy
- **Mentorship**
- Newsletter & site dedicato



# | Time-line e prossimi passi

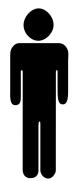
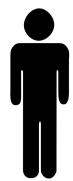


# Data Science non è solo Machine Learning



# WHY?

bc it's data-driven!



# Women are younger

% of developers (Q4 2019 n=16,992)

## What is your age group?

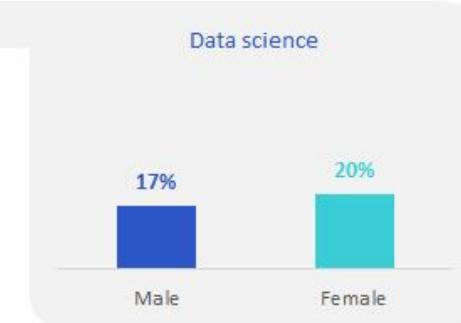
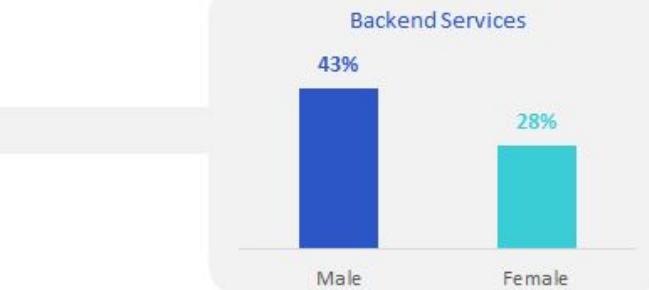
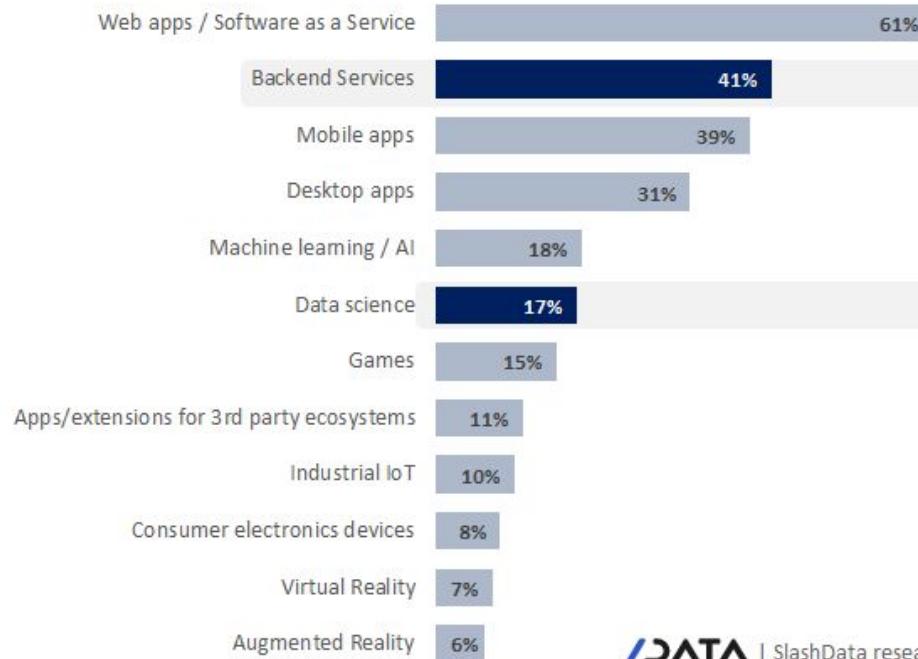
Age group:   ■ Under 18   ■ 18-24   ■ 25-34   ■ 35-44   ■ 45-54   ■ 55 or above



# Data science is promising

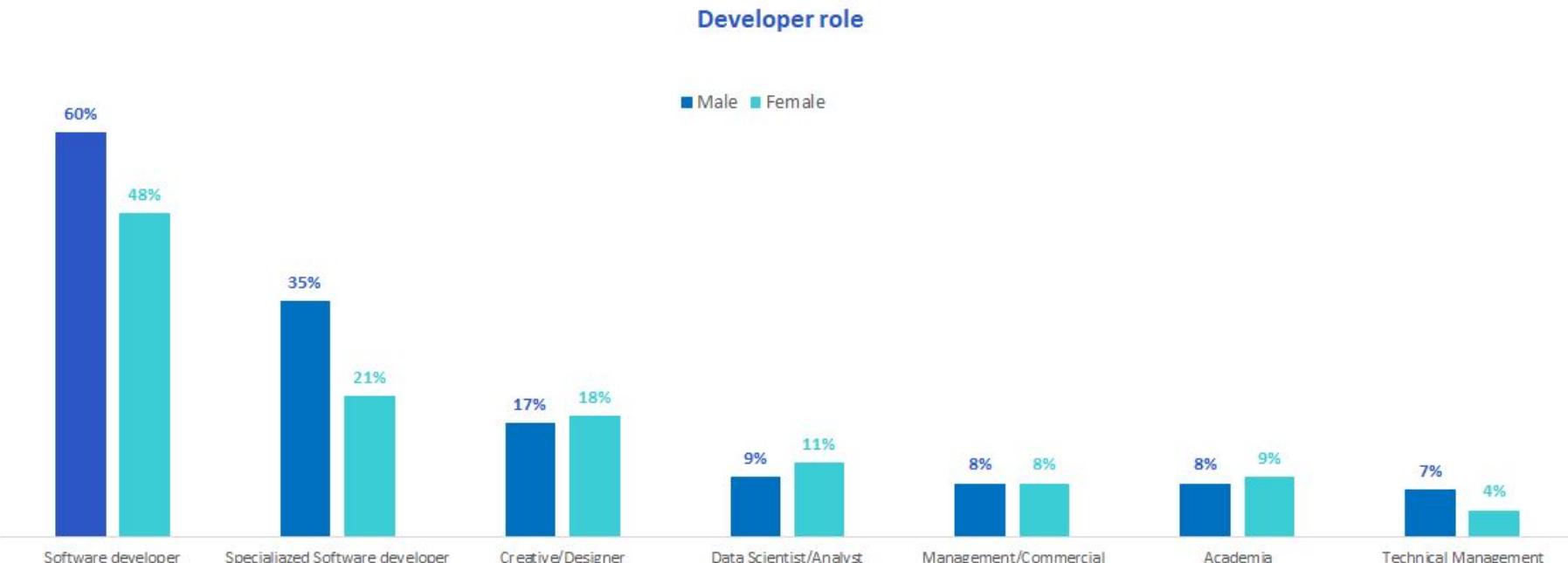
% of developers (Q4 2019 n=16,998)

## Involvement in each sector

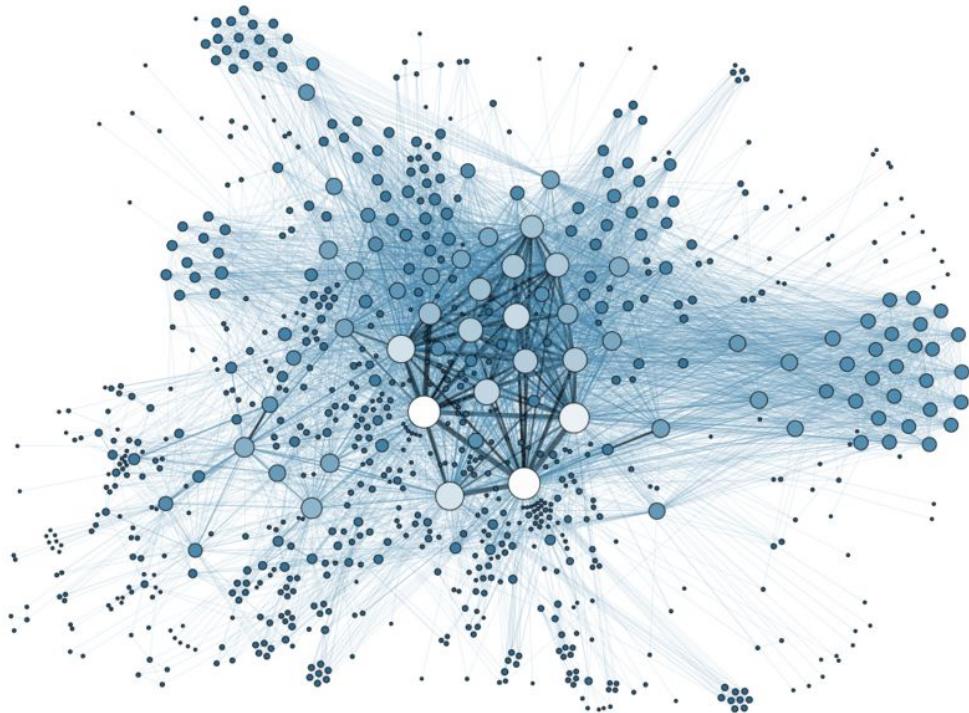


# Certain roles are more female-friendly than others

% of developers (Q4 2019 n=16,990)



# | BUILDING A NETWORK



- Partner con

IDATA



acea  
energia



shetech

# | Volete unirvi a noi?

## SUPPORT

## INSPIRE

## ADVOCATE

- Workshop
- Seminari
- Meetup
- Conferenze

- Ospiti per talk e workshop

- Partnership
- Sponsorship

# | Restiamo in contatto!



[meetup.com/R-Ladies-Bari/](https://www.meetup.com/R-Ladies-Bari/)



[facebook.com/Rladiesbари/](https://www.facebook.com/Rladiesbари/)



[twitter.com/RladiesBari](https://twitter.com/RladiesBari)



[linkedin.com/r-ladies-bari/](https://www.linkedin.com/r-ladies-bari/)



[meetup.com/R-Ladies-Milan/](https://www.meetup.com/R-Ladies-Milan/)

[facebook.com/Rladiesmilan/](https://www.facebook.com/Rladiesmilan/)

[twitter.com/RladiesMilan](https://twitter.com/RladiesMilan)

[linkedin.com/Rladiesmilan/](https://www.linkedin.com/Rladiesmilan/)



Rladiesitaly.slack.com

- Job opportunity
- Discussion
- Events



[linkedin.com/giodevincenzo](https://www.linkedin.com/giodevincenzo)

[www.saraiacozza.com](http://www.saraiacozza.com)



[linkedin.com/pavaneh-shafiei-867bb73b](https://www.linkedin.com/pavaneh-shafiei-867bb73b)

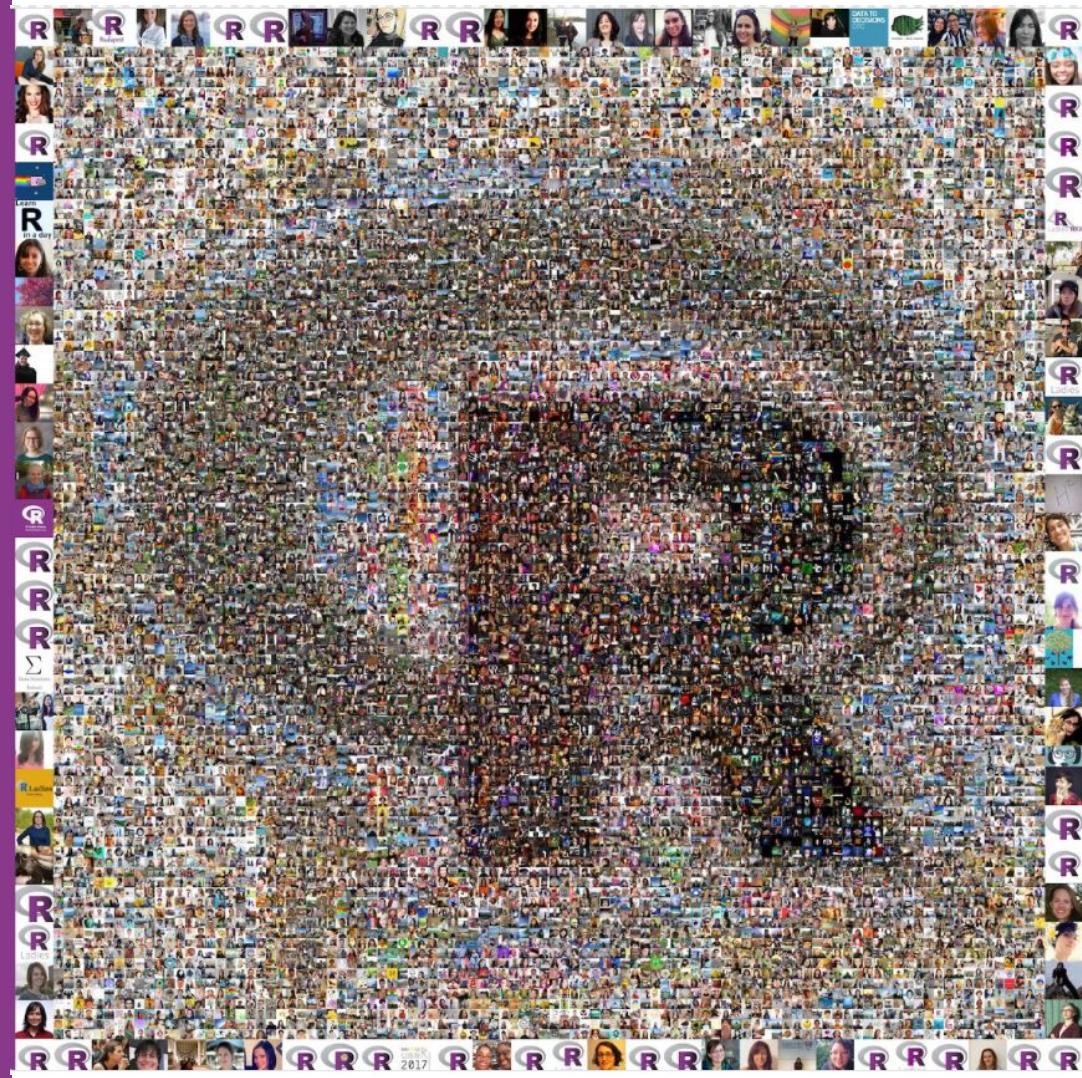
# NUOVO WEBSITE!

Scannerizza il QR code per accedere al nostro sito ed essere sempre aggiornat@ sulle notizie!





Be Ready  
foR the  
jouRney!



# BONUS

# WHAT IS R

# NUOVO WEBSITE!

Scannerizza il QR per accedere  
al nostro sito ed essere sempre  
aggiornat@ sulle notizie!





Da valutare

Ladies  
Italy

free software  
social  
easy

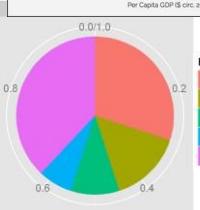
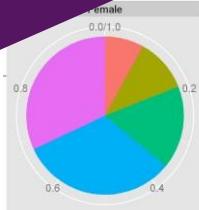
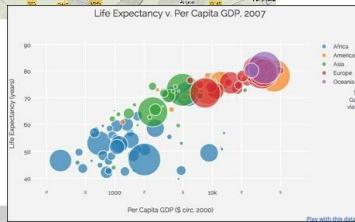
based on  
packages

RStudio IDE

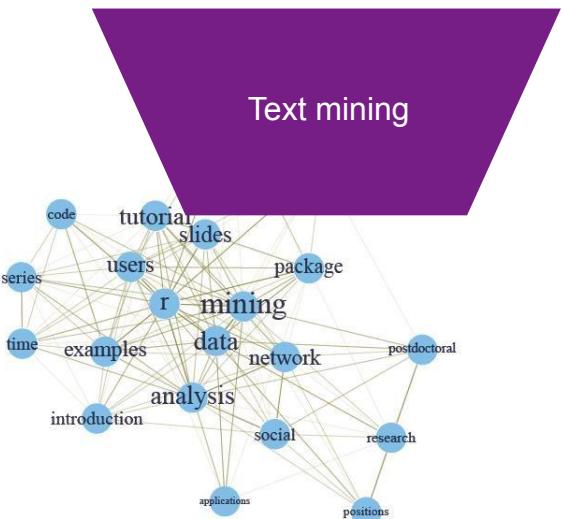
powerful  
visualization tool

statistical  
focus

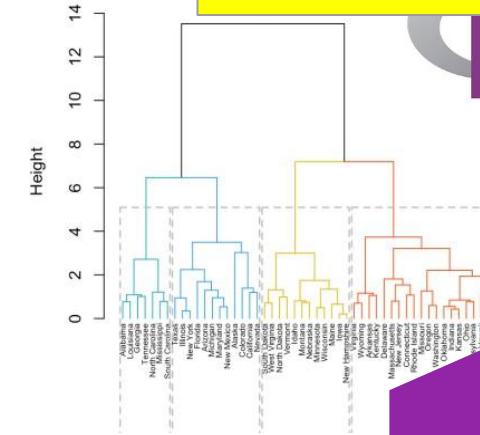
# Alcuni esempi #R



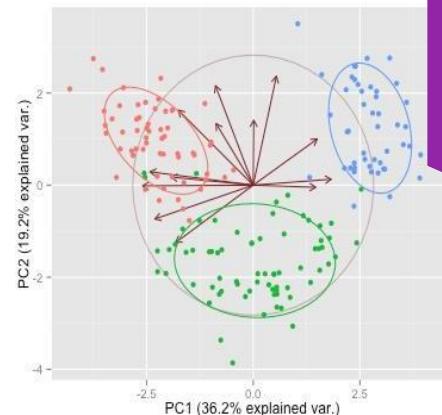
# Visualization



## Text mining



## Da valutare



# Machine learning

# Alcuni esempi #R



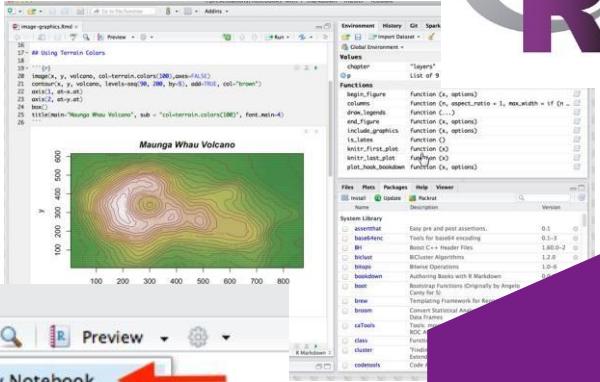
## Real-time Dallas Police Calls

Showing the 63 calls the Dallas Police are responding to as of 5/25/2016 7:35:53 PM

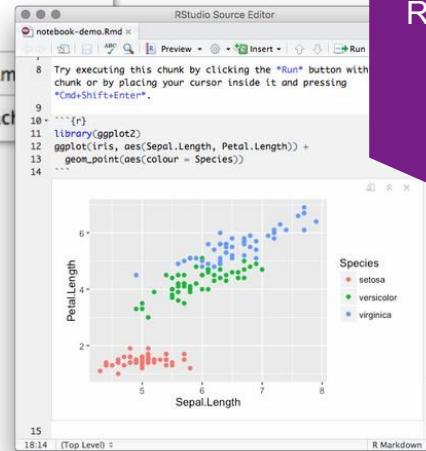
The dashboard displays several data visualizations and tables:

- Incident Log:** A table showing incidents with columns: ID, Nature, Priority, Date/Time, Unit/Mil, Block, and Street. Examples include "GASF-Gas Active" at Bryn St and "DAER-Gas Armme" at Southend.
- Team Leaders:** A chart titled "Latest App - PPG by Player by Country of Birth" for England in 2015/16. It shows points per 90 minutes across different countries. The legend indicates: Points (inc. secondary assists) per 90 mins by Season, Zoom and Hover points for Details.
- Current Team Sequences:** A table showing sequences for various teams based on wins, draws, losses, and no losses.
- Player Milestones:** A table showing player milestones categorized by count.

## Web applications



## Da valutare



# Reporting