


# Federica Gazzelloni

Remote

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 <https://github.com/Fgazzelloni>

## Summary

"I am driven to continue to grow my professional skills and knowledge by challenging my current knowledge, skills, and competencies. I'm looking forward to the next opportunity to be part of something remarkable."

Expertise: Data Visualization, data analysis, and modeling.

Volunteer for COVID19 research, and the GBD in general.

Federica is a Statistician and an Actuary with interest in Advanced Statistical Methods for data modeling, in public health. She is a collaborator with IHME for the GBD studies. Her volunteering activity with the R4DS community involves practicing using R for teaching and making data visualizations.

Ongoing learning: how to make a video

Federica's Youtube Channel: [https://www.youtube.com/channel/UC5w9xVTs77\\_\\_zIEeRRQILpw](https://www.youtube.com/channel/UC5w9xVTs77__zIEeRRQILpw)

## Experience

### **Mentor - Data Scientist**

R4DS Online Learning Community

Dec 2020 - Present (2 years 3 months)

The R4DS community is freely accessible to everyone who aims to improve Data Science using R, through the Slack platform.

There are several interesting activities for practicing:

- using R and RStudio
- help and get helped with any questions that might arise while learning/using R
- share the learning of statistics with the opportunity to join book\_clubs of your choice
- public speaking

### **Event Organizer**

R-Ladies Rome

Jan 2022 - Present (1 year 2 months)

R-Ladies Rome is a local chapter of R-Ladies Global (<https://www.rladies.org>), an organisation that promotes gender diversity in the R community worldwide. We meetup in person or virtually to learn about the R programming language, algorithms and advanced tools.

Twitter: @rladiesrome

### **Member of the Bioconductor Code of Conduct committee (CoCc)**

Bioconductor

Nov 2022 - Present (4 months)

### **Collaborator**

## Institute for Health Metrics and Evaluation

Nov 2020 - Present (2 years 4 months)

Data Analytics | Modeling | Excess of mortality | Reporting | Candidate |



## Independent Actuary

Federica Gazzelloni

Oct 2006 - Present (16 years 5 months)

- data analytics with the support of RStudio for Covid19 pandemic outbreak and other statistics.
- cyber security leakages in business environments.
- Teacher/Professor for UET short-term teaching of excel best practices.
- volunteer for the actuarial professional body both in Italy and the UK.
- actuarial analyst in the UK pensions industry: transfer options and checks of pensions schemes.
- research activity for clients such as The Italian Federation of the Credit Cooperative Bank, including sensitivities and application of the International accounting standards.
- networking and marketing for business development.



## Event Organizer

R-Ladies D.C.

Nov 2021 - Dec 2022 (1 year 2 months)

Co-organize e-learning events for R users and developers.

## Education



### LUISS Business School

Administration, Finance and Control (AFC), Executive education - Finance

2019 - 2020

Topics:

- Financial statement fundamentals
- National and international accounting standards
- Financial statement analysis Preparation of the consolidated financial statements
- Career Advosry
- Corporate taxation
- Management, planning and control systems
- The cost analysis The elaboration of the Budget Webinar available soon
- Performance measurement and reporting Financial structure and treasury management
- Financial planning
- Investment evaluation and Capital Budgeting
- Company valuation and extraordinary finance operations
- Derivatives Risk Management



### Sapienza Università di Roma

Mathematics, Courses of Mathematics

2015 - 2016



### Sapienza Università di Roma

Statistics and Actuarial Science (SSA), Actuarial Science

1997 - 2003



**Dipartimento di Scienze Statistiche - Università di Roma "La Sapienza"**

Diploma of Statistics, Courses of Statistics

1993 - 1997

## Licenses & Certifications



**The Future of Performance Management** - LinkedIn



**COVID-19 Contact Tracing** - Johns Hopkins University Advanced Academic Programs

2VBZ7XL9NMW3



**Emerging respiratory viruses, including COVID-19: methods for detection, prevention, response and control** - World Health Organization

xedim-zoriv-nerep-titas-hezat



**Lazio senza Mafie Summer School** - Regione Lazio



**Matlabacademy - MATLAB Onramp** - MathWorks



**How to Write and Publish a Scientific Paper (Project-Centered Course)** - École Polytechnique



**MATLAB Fundamentals** - MathWorks



**COVID19 Data Analysis Using Python** - Coursera



**Professionalism E-Modules: The CAS Course on Professionalism - Certificate** - Casualty Actuarial Society



**Introduction to Statistics & Data Analysis in Public Health** - Imperial College London



**HarvardX: PH525.1x Statistics and R** - HarvardX - An Online Learning Initiative by Harvard University through edX

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**Harvardx PH525.2x Introduction to Linear Models and Matrix Algebra** - HarvardX  
- An Online Learning Initiative by Harvard University through edX  
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**Infectious Disease Modelling Specialization** - Imperial College London  
TD6QQLMHM5JG



**Epidemics - the Dynamics of Infectious Diseases** - Penn State University  
MJMAXDNDLL9G



**Biostatistics in Public Health Specialization** - Johns Hopkins Bloomberg School of  
Public Health  
7JG7DKUDKTDN



**Introduction to Machine Learning** - Duke University | Coursera  
7B7A6V677SPF



**Data Science: Foundations using R** - The Johns Hopkins University  
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**edX Verified Certificate for Statistical Inference and Modeling for High-  
throughput Experiments** - edX  
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**Practical Machine Learning** - The Johns Hopkins University  
F86T9ZC4QYB8



**Developing Data Products** - The Johns Hopkins University  
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## Skills

Modeling • RStudio • R Shiny • Software as a Service (SaaS) • Data Visualization • Data Analysis •  
Public Relations • Actuarial Science • Life Sciences • Statistics