# 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\_\_zlEeRRQILpw

# 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)



#### 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.

## R 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 Adivosry
- 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

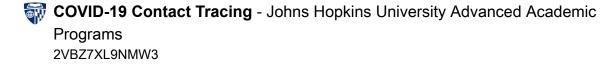
Statistics and Actuarial Science (SSA), Actuarial Science

1997 - 2003

Dipartimento di Scienze Statistiche - Università di Roma "La Sapienza" Diploma of Statistics, Courses of Statistics 1993 - 1997

## **Licenses & Certifications**

in The Future of Performance Management - LinkedIn



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

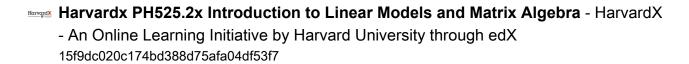


COVID19 Data Analysis Using Python - Coursera

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 fdd8fd461f79437d93d3dfdfeb7c46cf



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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
- Duke Introduction to Machine Learning Duke University | Coursera 7B7A6V677SPF
- Data Science: Foundations using R The Johns Hopkins University a2fe2b14e4594da0622a276d621d4ab5
- edX Verified Certificate for Statistical Inference and Modeling for Highthroughput Experiments - edX eb7949cb754d4e28bfd441f1fc0786c2
- Realized Machine Learning The Johns Hopkins University F86T9ZC4QYB8
- Developing Data Products The Johns Hopkins University b5769d95f0cd19383bf7b17493040c3c

## Skills

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