

ERIK DE LUCA

Biostatistician - Data Scientist

📍 Trieste, ITALY @ erik4399@gmail.com ☎ +39 393 465 8835 🌐 erikdeluca.github.io
🔗 LinkedIn: erikdeluca 📄 GitHub: erikdeluca 📄 StackOverflow: erikdeluca

EXPERIENCE

Biostatistician - Data analyst

ASUFC - Central Friuli Health Authority

📅 August 2023 - Ongoing 📍 Udine (Italy)

- SOC Accreditation, Quality and Clinical Risk
- Generating statistical reports for medical **research papers**
- Analyzing unbalanced survey data

R Biostatistics Data storytelling

Actuary - Intern

Allianz SE

📅 May 2024 - November 2024 📍 Munich (Germany)

- Automatizing core reporting processes, by **bridging data flow** from SAP, Excel and Word. Implementation in VBA.
- Loss modeling in **reserve evaluation** topics, also including individual-level data techniques

R Reserving VBA SAP

Elementary school teacher

MIUR - Ministero dell'Istruzione e del Merito

📅 February 2020 - November 2022 📍 Trieste (Italy)

Summer internships

Insurance Generali

- ETL and graphical visualization on data about HR

SISSA - International School for Advanced Studies

- Implementation of a new software

EDUCATION

MSc of Statistical and Actuarial Science

University of Trieste

📅 September 2022 - July 2025

- Curriculum in "Data Science for Finance and Insurance"

Erasmus - University of Malaga

📅 February 2023 - July 2023 📍 Malaga (Spain)

R Machine Learning Actuarial technique SQL SAS

BSc in Statistics and Computer Science for Insurance

University of Trieste

📅 September 2018 - July 2022

R Java C++ Actuarial math

PROJECTS

Personal Website 🔗

- Built a website with Quarto to show my projects

Life Insurance Portfolio Dashboard 🔗

ShinyApp

- Built a shiny dashboard to manage a life insurance portfolio of annuities

Shiny Life Insurance Quarto

Cheshire Cat - AI Framework 🔗

GitHub

- Helping to build an open-source framework for a personal AI
- Develop a plugin to generate images based on Dall-E 🔗

LLM AI API Python OpenAI

Finance Competitions

- McGill International Portfolio Challenge 🔗 : Construction of an accumulation and decumulation plan for a Canadian private fund
- Starting Finance - Finance4Future 🔗 : Construction of an investment portfolio for a private fund to maximize return while minimizing VaR

Quantitative finance Portfolio optimization

LANGUAGES

Italian ● ● ● ● ●

Spanish ● ● ● ● ●

English ● ● ● ● ●

FIELD OF STUDY

