

# STEFANO LACORAZZA

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Github: <https://github.com/stefano-lacorazza>

Portfolio: <https://www.stefanolacorazza.com/>

Data Analyst • Data Science • Python Developer • Physicist

## PROFESSIONAL PROFILE

Physicist with extensive professional experience in education. Proficient in mathematics and statistics, providing a solid foundation for addressing analytical problems. Skilled in effective communication to convey complex concepts clearly. Capable of analyzing data using Python and R to formulate hypotheses, extract meaningful information from large datasets, and contribute to the development of innovative solutions in the field of data science.

## TECHNICAL SKILLS

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|----------|--------------------|----------------------|
| ▪ Python | ▪ Django           | ▪ Html               |
| ▪ R      | ▪ Machine Learning | ▪ Salesforce: CRM    |
| ▪ SQL    | ▪ Statistics       | ▪ Data visualization |

## PROFESSIONAL EXPERIENCE

**Eurocarga SAS.** Bogotá

June 2022 - June 2023

### Database Manager

- Entered, extracted, and maintained shipment, customer, and product data in the database using SQL.
- Conducted maintenance and reduced redundancy in the database to improve its response speed.
- Ensured data reliability and accessibility using tools such as DB Browser, SQLite, and MySQL.

**Achievement:** Implemented optimization strategies that improved query speed by 50%, reducing the response time of the database system and enhancing operational efficiency.

**Fractal Monitorias.** Bogotá

June de 2013 - Present

### Manager

- Designed programs and pedagogical strategies to ensure students' proper learning in physics, calculus, linear algebra, probability, and statistics.
- Led the team of teachers by assigning the corresponding programs and guidelines to ensure the quality of education.

**Universidad de los Andes.** Bogotá

June 2014 – June 2015

### Linear Algebra Professor

- Design and delivered theoretical and practical classes in Linear Algebra, presenting key concepts, theorems, and problem-solving methods.
- Offered individual or group tutoring sessions to assist students with difficulties in understanding concepts or problem-solving.
- Designed and graded exams, quizzes, and assignments to assess students' progress and understanding of the topics covered.

**Achievement:** Implemented effective pedagogical strategies to achieve a high percentage of passing students and an average grade above the historical course average.

**Universidad de los Andes.** Bogotá

**June 2013 - June 2014**

### **Physics Professor**

- Taught students how to use analytical tools to interpret and draw conclusions from experimental data.
- Provided teaching content including examples and applications of relevant data analysis.
- Taught classes on data analysis techniques and methods applied to physics, including statistics, mathematical modeling, and computational techniques.
- Provided training on complex concepts of advanced physics, expressing them understandably for university-level students.

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## **Education**

Universidad de los Andes - Colombia

Bachelor of Science in Physics with minor on Mathematics · (June 2010 – June 2016)

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## **Certifications**

- [Applied Data Science with Python Specialization](#) (5 courses)
- [Django for Everybody Specialization](#) (4 courses)
- [Python for Everybody Specialization](#) (5 courses)
- [Data Analysis with R Programming](#)

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## **Languages**

- Native spanish
- English (C1)
- Italian (B1)

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## **Publications**

- [Reconfiguración y pruebas del espectroscopio Espartaco](#)