



## Luca Varotto

**ID:** CA01687QK


**Date of birth:** 2001/09/27

**Place of birth:** Piove di Sacco, Italy

**Nationality:** Italian

**Gender:** Male


### CONTACT

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### EDUCATION AND TRAINING

**2020/10/01 – 2024/09/30** Padova, Italy

**Bachelor's degree in Statistica per le tecnologie e le scienze U**  
niversità degli studi di Padova

Projects:

- Implemented three approaches in Python to apply Strassen's Algorithm to matrices with odd dimensions.
- Analyzed course descriptions from all Bachelor's degrees at the University of Padua. The project included three phases: data scraping from university websites, data cleaning, and training models to predict each course's school based on its description.
- Developed an improved alternative to BM25 using a clustering-based approach combined with a k-NN algorithm.

**Website** <https://www.unipd.it> | **Field of study** Statistics | **Final grade** 107/110 |

**Level in EQF** EQF level 6 | **Thesis** Application of Classification Models in Evaluating Soccer Performance: Expected Goals and Expected Points

**2024/10/01 – CURRENT** Padova, Italy

**Master's Degree in Statistics** Università degli studi di Padova

Exams: Probability Theory; Data Mining; Statistical Methods for High-Dimensional Data; Advanced Statistics; Advanced Computational Statistics; Statistical Models for Economic Data; Statistical Models for Social Data; Stochastic Optimization; Bioinformatics and Biostatistics; Statistical Case Studies; Statistical Methods and Models for Business Data Analysis.

**Website** <https://www.unipd.it> | **Field of study** Statistics | **Level in EQF** EQF level 7

### WORK EXPERIENCE

**Università degli Studi di Padova** Padova, Italy

**Peer Tutor**

**2025/09/30 – 2026/06/30**

As a Master's student, I led optional peer-tutoring sessions for undergraduate students in Mathematical Analysis, guiding them through problem-solving and clarifying key concepts. Additionally, I served as a teaching assistant in laboratory sessions for:

- Computer Systems I (Prof. Salmaso)
- Data Structures and Programming (Profs. Menegatti and Zennaro)

In these roles, I assisted students with Python exercises, answering questions and clarifying doubts.

### SKILLS

statistics | data science | machine learning | Python (computer programming) | SQL | Microsoft Excel

### LANGUAGE SKILLS

**MOTHER TONGUE(S):** Italian

**Other language(s):**

**English**

**Listening** B2

**Reading** B2

**Writing** B2

**Spoken production** B2

**Spoken interaction** B2