



# PIETRO SCANZI

14/12/1998  
 Via Fabio Filzi 17, 25128, Brescia, BS, Italy  
 +39 331 7962675  
 scanzi.pietro@gmail.com  
 pietro.scanzi@phd.unibocconi.it  
 linkedin.com/in/pietro-scanzi-649a771a8

## EDUCATION

<b>Doctor of Philosophy (PhD)   Statistics &amp; Computer Science</b> Bocconi University   Department of Decision Sciences	Sep. 2022 – <i>present</i> Milan, Italy
<b>Master of Science (MSc)   Statistical Sciences (LM-82)</b> University of Padua   Department of Statistical Sciences Final grade: 110 cum laude	Oct. 2020 – Sep. 2022 Padua, Italy
<b>Bachelor of Science (BSc)   Statistics for Economics &amp; Business (L-41)</b> University of Padua   Department of Statistical Sciences Final grade: 110 cum laude	Oct. 2017 – Sep. 2020 Padua, Italy
<b>High School   Scientific Lyceum with dual-language option (English &amp; French)</b> Liceo Scientifico Annibale Calini Final grade: 100	Sep. 2012 – Jul. 2017 Brescia, Italy

## WORK EXPERIENCE

<b>Academic Tutor</b> University of Padua   Department of Statistical Sciences <ul style="list-style-type: none"><li>• given lessons of Calculus to classes of Bachelor's freshmen students;</li><li>• short theoretical explanations and guided exercises on Calculus topics;</li><li>• lectured either face to face in the classroom or online by tablet;</li><li>• worked for a total of 100 hours between two consecutive years;</li><li>• improved teaching and communication skills.</li></ul>	Sep. 2019 – Jan. 2021 Padua, Italy
<b>Delivery guy</b> Foodracers <ul style="list-style-type: none"><li>• activity carried out by car in the city centre and outskirts of Brescia;</li><li>• managed and tracked customers' orders from the application, reached agreement with restaurants, transported orders from diners to their home;</li><li>• handled different demands at the same time, finding the way to satisfy them efficiently;</li><li>• predicted ahead the pick-up and drop-off times to communicate them to restaurants and customers, tried to respect this timetable and eventually handled delays;</li><li>• learnt to face up to the unexpected, improved driving skills.</li></ul>	Jul. 2019 – Sep. 2019 Brescia, Italy

## PROJECTS

<b>Empirical Bayes inference for the Peaks Over a Threshold method   R</b> Master of Science Thesis (course unit: Advanced Computational Statistics) Supervisor: Prof. Nicola Sartori, Co-Supervisor: Prof. Simone Padoan (Bocconi University) University of Padua   Department of Statistical Sciences	Summer 2022
<b>Classification of simulated and authentic emotions on EEG data   R</b> Course unit: Quantitative methods for Cognitive Neurosciences University of Padua   Department of Statistical Sciences	Spring 2021
<b>Recommendation system of music using UV decomposition and gradient descent approaches   Python</b> Course unit: Informatic methods for Statistics and Data Science	Fall 2020

University of Padua | Department of Statistical Sciences

**Selection of the number of components in finite mixture models** | *R*

Summer 2020

Bachelor of Science Thesis (course unit: Statistics 2)

Supervisor: Prof. Giovanna Menardi

University of Padua | Department of Statistical Sciences

**Sentiment analysis on football performances' report cards** | *Python*

Spring 2020

Course unit: Statistical methods for Big Data

University of Padua | Department of Statistical Sciences

## HONORS AND AWARDS

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**Study prize "Eccellenza" for Master of Science freshmen students**

Fall 2020

Merit based scholarship for 3 students enrolled at the first year of the MSc in Statistical Sciences

**Scholarship "Mille e una Lode"**

Fall 2019

Merit based scholarship for 1000 students enrolled at the University of Padua

**Scholarship "Mille e una Lode"**

Fall 2018

Merit based scholarship for 1000 students enrolled at the University of Padua

## TEACHING EXPERIENCE

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**Academic Tutor**

Sep. 2019 – Jan. 2021

University of Padua | Department of Statistical Sciences

Padua, Italy

**Statistics tutor**

Since 2020

Tutor under request

**Mathematics and Calculus tutor**

Since 2016

Tutor under request

## SKILLS

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**Languages:** Italian (Native), English (B2 certified FCE and by University of Padua), French (B1+)

**Programming:** R, Python, SAS, SQL, C, Gretl

**Document Creation:** Microsoft Office Suite, LaTeX, Markdown

Last updated, September 2022