BARBA PAOLO

EDUCATION

Master's Degree | *Data Science*   Sep. 22 –
Currently attending a Master's Degree in Data Science at Sapienza University of Rome   Rome, Italy

Bachelor's Degree | *Management Statistics (Statistica Gestionale)*   Sep. 2019 – jul 2022
Bachelor's Degree in Management Statistics with grade 110/110 cum lode
at Sapienza University of Rome.   Rome, Italy

Erasmus Project | *Statistics Department*   Sep. 2021 – Feb 2022
Erasmus semester with a focus in Statistics, master courses in
Computational statistics and Bayesian Inference & probability.   Athens, Greece

English Summer School | *C1 level English class*   jun. 2018 – jul 2018
English course (C1 level) at University of Greenwich.   Greenwich, England

Scientific High School   sep. 2014 – jul 2019
Scientific High School with grade 77/100 at Liceo Scientifico "F.Severi"   Frosinone, Italy

WORK EXPERIENCE

Private teacher   June 2022 –
Private teacher of mathematics and statistics on "Superprof" platform.   Superprof Profile

Laboratory Assistant   2020 – 2022
Sapienza, Univeristy of Rome   Rome, Italy
- Fellowship winner 2020/2021, Management of teacher website.
- Fellowship winner 2021/2022, Laboratory Assistant at Department of Statistics.
- Fellowship winner 2022/2023, student help service in the department of Statistics.

PROJECTS

Master Projects

Connect your brain | *R markdown*   Fall 2022
An analysis of differences in fMRI data between subjects with autism spectrum disorder and without it.

GeNNus, Convolutional Neural Network to classify music genre | *Python (pytorch)*   Fall 2022
Music genre classification as a proxy for multiple analytical studies.

Others python notebooks can be found on my GitHub Profile.

Bachelor Projects

Bachelor Thesis (in Italian Language)   Jul 2022
Capture-Recapture experiments concerning behavioral response due to the capture

World Cup Network (in Italian Language) | *Python(NetworkX) & R*   Fall 2021
An analysis of word cup matches network

Wings, Fell the cool wind in your hair   Fall 2021
A simulation of a Business plan.

SKILLS

Languages: Italian (Native), English (C1)
Programming: Python (NumPy, scikit-learn, Matplotlib, Pandas , NetworkX), R , Mysql.
Document Creation: Latex, Markdown, Word.

HOBBIES

Chess Player: <u>Chess Profile</u>
Piano and Saxophone player.
Soccer and run.