GIAN MARIO SANGIOVANNI

EDUCATION

PhD| *Methodological Statistics*   Nov. 2024 - date
Sapienza, Università di Roma   Rome, Italy

Master's Degree (double degree) | *Statistical methods and applications* |**Data Analyst** Sep. 2022 – July 2024
 Final Grade: 110/110 cum laude
Sapienza, Università di Roma
-Thesis title: Document clustering techniques: comparative analysis
and development of a novel approach
- Main subjects: Stochastic Procesess, Bayesian Statistics, Computational Statistics
and Machine learning   Rome, Italy

Master's Degree (double degree) | *Mathématiques, Apprentissage, Sciences et Humanités*   Sep. 2023 – date
Université Paris Dauphine
-Thesis title: Bayesian modelling of football outcomes.
- Main subjects: Monte Carlo Markov Chains, Bayesian Statistics and LLM   Paris, France

Bachelor's Degree | *Statistics, Economy and Society* | **Final Grade: 110/110 cum laude**   Sep. 2019 – July 2022
Sapienza, Università di Roma
-Thesis title: Catene di Markov ed applicazioni ai metodi Monte Carlo.
- Main subjects: Probability, Statistics and Demography.   Rome, Italy

Science High School   Sep. 2014 – July 2019
Liceo Scientifico Statale Aristotele (*Cambridge IGCSE*)
- Main subjects: Mathematics, Physics and English.
- Following english courses about Geography, Mathematics, Physics, Art and Design.
- Additional english hours for the lecture "English as a second language"   Rome, Italy

HONORS AND AWARDS

Sapienza Honours Programme | Excellence Path   Feb 2024 - July 2024
Lasted: 200 hours.
Merit based academic path, working on Topic modelling techniques and the construction
of composite indicators.
Three places per academic year available for the Master's degree at Sapienza University.

Sapienza Honours Programme | Excellence Path   Feb 2021- July 2022
Lasted: 150 hours per year (300 hours).
Merit based academic path, including additional courses and seminars
mainly about Statistics and Probability.
Four places per academic year available for each Bachelor's degree
at Sapienza University.

PROFESSIONAL EXPERIENCE

Research Internship ISTAT   Mar 2024 - Jun 2024
Analysis of Italian tweets of second semester of 2020 (COVID period) to find out
which were the main ideas about migration, using topic modelling
techniques (LDA, CLDA, NMF, TOP2VEC, BERTopic)   Rome, Italy

PROGRAMMING LANGUAGES AND SOFTWARES

- R, RStudio, R Markdown, R Jags

- Python

- SPSS, SAS

- SQL, MYSQL

- LaTeX

- Office Suite (Excel, Word, PPT)

Languages

Italian: Native
English: C1
Spanish: A2
French: A2