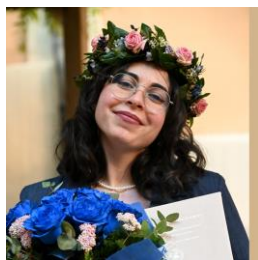# MARIA PIA SANGIOVANNI

- Currently living in: Turin, IT
- Phone number: +39 3803499012
- E-mail address: mariapia.sangiovanni2305@gmail.com
- LinkedIn Profile: https://www.linkedin.com/in/maria-pia-sangiovanni-40815a314/
- GitHub Profile: https://github.com/MariaPia8223

Role: **Junior Data Scientist / Analyst**

Profile

Master's Degree graduate in Mathematics specialised in Probability e Statistics, with a particular focus on data analysis, statistic modeling and machine learning. Competent in R, Python (pandas, scikit-learn) and Power BI. Accustomed to applying analytical thinking to different kind of problem-solving staying goal oriented. I am searching for a role in which applying my comprehension of Mathematics to the modelling and the data analysis, transforming problems into data-driven solutions.

Soft skills

Proactive and goal oriented, I organize my work with clear and realistic goals, dealing with problem solving without losing focus on the deadlines. Unexpected changes make me rearrange my work very quickly showing adaptability and flexibility both to context and team. My go-getter personality and my communicational skills make me support collaboration in the work team with a leadership open to feedback.

Hard skills

Coding/Programming: Python, SQL, R, Matlab, C++ | ML: scikit-learn | Data: pandas, NumPy | BI/Vis: Power BI, Tableau, Matplotlib

Relevant projects

Python project — simulation of a Random Walk

Simulation of a random walk with Numpy package; histogram to determine roughly the distribution of the random process and graphics of the simulations realised with Matplotlib library. Repository: https://github.com/MariaPia8223/Python .

Experimental Thesis Project — University of Turin

Analysis of Real House price Index in Italy as a Time Series using R studio; found fractional ARIMA model underneath the data. Documentation of the analysis rearranged into a scientific article proposed for the publication. Repository: https://github.com/MariaPia8223/Master-Degree-Thesis .

Training Courses

Training course "Intermediate Python"

Certified by DataCamp on 22/10/2025

Training course "Make your soft skills stronger"

Proposed by University of Turin and sponsored by San Paolo Company – 09/2025

Education

Master's Degree in Mathematics (LM-40), University of Turin

09/2022 – 04/2025 • Graduation: 11/04/2025 • 106/110 • Experimental thesis on Statistics of Statistical Processes: "Time Series Modelling of the Real House Price Index in Italy: A Fractional Integration Approach"

Bachelor's Degree in Mathematics (L-35), University of Turin

09/2017 – 11/2022 • Graduation: 10/11/2022 • 94/110 • History of Mathematics' Thesis: "The *Arenarius* of Archimede: counting grains of sand"

Classic Secondary Education, I.S.S. 'Carlo Pisacane' of Sapri (SA, IT)

• Graduation: 07/2017 • 100/100 • Italian Diploma, Public School

Certifications

English Cambridge C1 (CAE) — 28/06/2025 — Cambridge English

Languages

Italian (native speaker), English (C1).