Marta Mainetti

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Education

University of Milano-Bicocca *Master of Science in Biostatistics* · *2022 – 2025*
- **Final Grade**: 110/110 with honors
- **Thesis title**: Umbilical cord blood lead levels: predictions using micro-spatial child dentine measures.

University of Padova *Second-level university master in Machine learning and big data for precision medicine and biomedical research* · *2026 -*

University of Milano-Bicocca *First-level university master in Business Intelligence & Big Data Analytics* · *2023 – 2024*

University of Milano-Bicocca *Bachelor of Science in Statistical and Economic Sciences* · *2019 – 2022*
- **Final Grade**: 110/110 with honors
- **Thesis title**: Open Innovation and corporate taxonomies: a reading through managers' behaviors and Pavitt classification.

Professional and Research Experience

Doctoral Student · *Bern, CH*
Graduate school of Health Sciences, University of Bern · *May 2025 –*
- Specialization: Biostatistics and Epidemiology
- Research areas: evidence synthesis, framework for predictive modeling, individualized treatment effect.

Biostatistician · *Milan, IT*
European Institute of Oncology · *Feb 2025 – Apr 2025*
- Research Fellow at the Molecular-Pharmacoepidemiological Unit.
- Research areas: radiomics, psycho-oncology.

Visiting Graduate Student · *New York City, USA*
Icahn School of Medicine at Mount Sinai · *Jul 2024 – Jan 2025*
- Internship at the Department of Environmental Medicine and Climate Science
- Research areas: environmental medicine, lead exposure, machine learning for clinical outcomes.

Data analyst · *Annone di Brianza, IT*
A.Matic SRL · *Nov 2023 – Jun 2024*
- Implementation of architectures of Business Intelligence and data analysis strategies
- Extraction of data-driven insights from corporate data

DoteComune Intern · *Lecco, IT*
Lecco City Hall · *Dec 2021 – Nov 2022*
- Internship at the Revenue Office
- Management of office procedures and back-office support.

Conferences and presentations

Radiomic features and segmentation: comparison between two readings (oral presentation)
Artificial Intelligence Grand Round, IEO (Milan, IT), 2025.

Skills

Native language: Italian

Other languages: English (C1, IELTS 7.5), French (B1), German (B1), Russian (A1), Korean (A1)

Programming: R, SAS, Python

Database: Relational (SQL), Non-relational (MongoDB, Neo4J)

Volunteering

Intercultura ODV: Chair of Local Chapter in Lecco (Lecco, IT)