

# Marta Mainetti

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## Education

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- 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

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- 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

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- Radiomic features and segmentation: comparison between two readings (oral presentation)  
**Artificial Intelligence Grand Round**, IEO (Milan, IT), 2025.
- Network meta-analysis: from key concepts to Advanced Methods (facilitator)  
**ISCB Pre-Conference Course** (Basel, CH), 2025.

## Skills

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**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

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

**AFS Intercultural Programs Switzerland:** Volunteer at the Local Chapter in Bern (Bern, CH)