

Marta Mainetti

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Education

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| University of Milano-Bicocca <i>Master of Science in Biostatistics</i> | 2022 – 2025 |
| <ul style="list-style-type: none"> ◦ Final Grade: 110/110 with honors ◦ Thesis title: Umbilical cord blood lead levels: predictions using micro-spatial child dentine measures. | |
| University of Padova <i>Second-level university master in Machine learning and big data for precision medicine and biomedical research</i> | 2026 - |
| University of Milano-Bicocca <i>First-level university master in Business Intelligence & Big Data Analytics</i> | 2023 – 2024 |
| University of Milano-Bicocca <i>Bachelor of Science in Statistical and Economic Sciences</i> | 2019 – 2022 |
| <ul style="list-style-type: none"> ◦ 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
<i>Graduate school of Health Sciences, University of Bern</i> | Bern, CH
May 2025 – |
| <ul style="list-style-type: none"> ◦ Specialization: Biostatistics and Epidemiology ◦ Research areas: evidence synthesis, framework for predictive modeling, individualized treatment effect. | |
| Biostatistician
<i>European Institute of Oncology</i> | Milan, IT
Feb 2025 – Apr 2025 |
| <ul style="list-style-type: none"> ◦ Research Fellow at the Molecular-Pharmacoepidemiological Unit. ◦ Research areas: radiomics, psycho-oncology. | |
| Visiting Graduate Student
<i>Icahn School of Medicine at Mount Sinai</i> | New York City, USA
Jul 2024 – Jan 2025 |
| <ul style="list-style-type: none"> ◦ Internship at the Department of Environmental Medicine and Climate Science ◦ Research areas: environmental medicine, lead exposure, machine learning for clinical outcomes. | |
| Data analyst
<i>A.Matic SRL</i> | Annone di Brianza, IT
Nov 2023 – Jun 2024 |
| <ul style="list-style-type: none"> ◦ Implementation of architectures of Business Intelligence and data analysis strategies ◦ Extraction of data-driven insights from corporate data | |
| DoteComune Intern
<i>Lecco City Hall</i> | Lecco, IT
Dec 2021 – Nov 2022 |
| <ul style="list-style-type: none"> ◦ 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

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)

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