

ACADEMIC CURRICULUM

First Name: Riccardo

Last Name: Ricciardi

Date of Birth: 20/11/1992

Nationality: Italian

City: Brescia, Italy

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Official lecturer page: <https://unibs.coursecatalogue.cineca.it/docente-id/680da7bd0e61fe697b19f957/2024>



ROLES

From 01/11/2023 –
(Current role)

Postdoctoral researcher

Department of Economics and Management, University of Brescia

Title: Sentiment Analysis for Marketing Management with Natural Language Processing and Text Mining methods.

SSD: SECS – S/01 Statistics

From 02/2024-
(Current role)

Lecturer

Lectures in “Statistica per l’Economia e l’Azienda Digitale”, SECS – S/01

Department of Economics and Management, University of Brescia

Descriptive and inferential statistics, with applications in Excel and R.

From 02/2022
to 09/2023

Teaching assistant

Lectures in Statistics for Finance, SECS – S/01

Main Lecturer: Prof. Maurizio Carpita

From 02/2021
to 04/2022

Research scholar

Department of “Giurisprudenza e Scienze Politiche, Economiche e Sociali”, University of “Piemonte Orientale”

Supervisor: Prof. Marco Novarese

Title: Analysis of students’ careers

From 07/2020
to 10/2020

Research assistant

Riccardo Revelli Research Laboratory, Torino

Responsabile: Prof. Roberto Leombruni

Title: Analysis of students’ careers

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| From 06/2019 to 06/2020 | <p>Research scholar</p> <p>Department of Economics and Statistics “Cognetti de Martiis”, University of Torino</p> <p>Supervisors: Prof. Dalit Contini, Prof. Roberto Leombruni</p> <p>Title: Impact evaluation of Passport.U program for students enrolled at University of Torino</p> |
| From 05/2019 to 06/2019 | <p>Research assistant</p> <p>Department of Economics and Statistics “Cognetti de Martiis”, University of Torino</p> <p>Supervisors: Prof. Dalit Contini, Prof. Roberto Zotti</p> <p>Title: Research assistance for the ANVUR Project “Room for action”</p> |

RESEARCH PROJECTS

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| From 01/11/2024 to 31/10/2025 | <p>End to end procedures for strategic data-driven management and development of sustainable product-services that anticipate customer needs</p> <p>Department of Economics and Management, University of Brescia Department of Management Engineering, University of Padova</p> <p>(1) Training of sentiment analysis models for products of Made-in-Italy companies (2) Training of language models to track the communication of Made in Italy</p> <p>Project 8.03 del MICS (Made in Italy – Circular and Sustainable) Extended Partnership and received funding from Next-GenerationEU (Italian PNRR – M4 C2, Invest 1.3 – D.D. 1551.11-10-2022, PE00000004 CUP D73C22001250001).</p> <p>Project Leader: Prof. Luigi Salmaso</p> |
| From 09/2024 to 04/2025 | <p>Archives Reloaded</p> <p>Fondazione di studi storici Gaetano Salvemini</p> <p>Digitization of bibliographic collections of particular relevance to contemporary history and creation of new digital creative content using AI.</p> |
| From 11/2021 to 30/06/2023 | <p>DS4BS Project: Data Science for Brescia - Arts and Cultural Places</p> <p>BODal-Lab, DMS StatLab, Department of Economics and Management, University of Brescia</p> <p>Training of a statistical classification model to associate online reviews with specific cultural attractions, aimed at supporting the valorization and analysis of cultural activities.</p> <p>Principal Investigator: Prof. Marica Manisera</p> |

RESEARCH PRODUCTS

Journal Articles

Published

Ricciardi, R., & Manisera, M. (2025) A Multilingual BERT-based classification of reviews for enhanced visitors' experience analysis. *Scientific Reports*. *Accepted for publication*

Ricciardi, R. (2024). Users' self-description on social media: a methodology to integrate labels and textual information. *Quality & Quantity*, 1-25.

Ventura, M., & Ricciardi, R. (2022). Exploring financial microblogs: Analysis of users' trading profiles with multivariate statistical methods. *Statistica & Applicazioni*, 201(1), 61-78

Under review
(second round)

Ricciardi, R., Manisera, M., & Cardoso-Silva, J. Text corpora simulation for the evaluation of group-specificity measures of terms: A statistical approach. *Knowledge and Information Systems*

Ricciardi, R., Avanzi, C., & Manisera, M. Are investors interested in sustainability? A Latent Semantic Analysis of data from social media. *Social Indicators Research*

Under review
(first round)

Ricciardi, R., Alberti, F., & Manisera, M. Additive compositional methods for grouped text documents, *Statistical papers*.

Conferences

Proceedings

Ricciardi, R., & Bassetton, N. (2024) A language model to investigate the temporal transformation of semantics in the literature on Made in Italy. In *JADT 2024-17th International Conference on Statistical Analysis of Textual Data* (Vol. 1, pp. 773-782). Presses universitaires de Louvain. 25-27/06/2024, Bruxelles, Belgium

Ricciardi, R., & Manisera, M. (2023). Evaluation of term-weighting measures for grouped text documents with a target variable: a simulation study. In *Proceedings of 5th International Conference on Advanced Research Methods and Analytics* 28-30/06/2023, Sevilla, Spain

Ricciardi, R., Carpita, M., Perazzini, S., Zuccolotto P., & Manisera, M. (2023) *Statistics and Data Science for Arts and Culture: an Application to the City of Brescia*. In Cerchiello P., Ariosto A., Osmetti S., Spelta A. (eds), *Proceedings of the Statistics for Data Science Conference*, pp. 288-293, EGEA Edizioni. ISBN: 978-88- 6952-170-6. 27-28/04/2023, Pavia, Italy

Ricciardi R., (2022). What does your self-description reveal about you? A pipeline to analyze StockTwits users. In *Book of short papers* (pp. 1809-1814). Pearson. 51st Scientific Meeting of the Italian Statistical Society 22-24/06/2023, Caserta, Italy

Others

Serraino, N., Ricciardi, R., Zuccolotto, P. (2025). Time Series Analysis of Temporal Word Embeddings: Geometric vs Probabilistic Interpretations. 7th International Conference on Advanced Research Methods and Analytics 02-04/07/2025, Rome, Italy.

Ricciardi, R., Biasetton, N., & Arghistani, N. (2025). The VABSA framework: a Value- and Attribute-Based Sentiment Analysis of consumer perceptions. 12th Scientific Meeting of the Statistics for the Evaluation and Quality of Services Group of the Italian Statistical Society 25-27/06/2025, Bressanone, Italy

Alberti, F., Ricciardi, R., & Manisera, M. (2025). Group-specific document embeddings: An application to User-Generated Content. 12th Scientific Meeting of the Statistics for the Evaluation and Quality of Services Group of the Italian Statistical Society 25-27/06/2025, Bressanone, Italy

Ricciardi, R., & Biasetton, N. (2024). Multi-label text classification for identifying consumer values and attributes in Made-in-Italy product reviews. 2nd International Conference on Advancing Sustainable Futures 11-12/12/2024, Abu Dhabi, United Arab Emirates

Leombruni, R., Quaranta, R., Zotti, R., & Ricciardi, R. (2019) Behavioural responses in tax evasion. Could they contribute to the feasibility of Italian Government proposal of a flat tax system? 7th International Microsimulation Association World Congress 19-21/06/2019, Galway, Ireland

Session Chair

Session title: Advances in text mining and visualization of complex data. In: 12th Scientific Meeting of the Statistics for the Evaluation and Quality of Services Group of the Italian Statistical Society 25-27/06/2025, Bressanone, Italy

Chapters in Book Series

Contini D., Leombruni R., Ricciardi R. (2020). Valutazione dell'impatto del percorso Passport.Unito sul successo accademico nel primo anno di università. In: Working Paper Series 17/20, Department of Economics "Cognetti de Martiis", University of Turin. ISSN: 2039-4004

Contini D., Zotti R., Salza G., Ricciardi R. (2020). The role of contextual factors: institutional changes in the university system and in the labor market. In: Contini D., Ricciardi R., Romito M., Salza G., Zotti R. Improving university dropout and student careers. What room for institutional action?. Working Paper Series 04/2020, Department of Economics "Cognetti de Martiis", University of Turin. ISSN: 2039-4004

Invited Seminars

Titolo: Statistical analysis of grouped text documents.
Department of Information Science and Technology, Instituto Universitário de Lisboa (Portugal)

12/12/2023

EDUCATION

From 11/2020
to 31/10/2023

Ph.D. in Analytics for Economics and Management

Research Area: *STATISTICS AND DATA SCIENCE*

Department of Economics and Management, University of Brescia

Thesis title: Statistical analysis of grouped text documents

Supervisor: Prof. Marica Manisera

From 09/2022
to 12/2022

Visiting research period

Data Science Institute, Department of Methodology, London School of Economics and Political Science

Supervisor: Prof. Kenneth Benoit

From 25/07/2022
to 29/07/2022

Summer school in Applied Text Mining

Faculty of Social and Behavioural Sciences, Utrecht University (Netherlands)

Responsabile della didattica: Dr. Ayoub Bagheri

Program: Defining and implementing state-of-the-art text mining pipelines (feature extraction, feature selection, model learning, model evaluation); applications in Python.

From 28/06/2021
to 02/07/2021

Summer school in Causal Machine Learning

Department of Economics, University of Genova

Lecturer: Prof. Michael Lechner

Program: Review of classical methods for causal inference; supervised machine learning algorithms for causal inference; applications in Python and R.

From 09/2015
to 03/2019

Master's Degree in Statistics (LM-82)

Department of Economics and Statistics "Cognetti de Martiis", University of Torino

Final grade: 107/110

Thesis title: A static microsimulation model to evaluate the impact of a flat tax on Italian incomes

Supervisors: Prof. Roberto Zotti, Prof. Roberto Leombruni, Prof. Simone Pellegrino

From 09/2011
to 09/2015

Bachelor's Degree in Economics (L-33)

Department of Economics and Statistics, University of Salerno

Final grade: 105/110

Thesis title: The effect on the EU–Russia trade balance of the EU economic sanctions following the invasion of Crimea.

Supervisor: Prof. Gianluigi Coppola

OTHER PROFESSIONAL EXPERIENCES

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| From 2024 | Reviewer for scientific journals <i>Quality and Quantity</i> ISSN: 0033-5177 |
| From 2025 | <i>Information Processing and Management</i> ISSN: 0306-4573 <i>Electronic Journal of Applied Statistical Analysis</i> ISSN: 2070-5948 |

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| From 2022 | Co-founder of DataBeers Brescia Local meetup in Brescia of the European DataBeers community, dedicated to organizing outreach events on Data Science. |
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| 12/2020 | Co-founder of di Metro-Polis s.r.l. Analytics Consulting Services Core activity: Development and deployment of statistical models to support decision-making for small and medium-sized enterprises, research institutions, and other organizations. Registered office: Torino, Italy |
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OTHER ACHIEVEMENTS

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| Premi | Doctoral Dissertation Award Onlus "Ateneo di Brescia, Accademia di Scienze Lettere ed Arti" Renzo Fubini Graduation Award Department of Economics and Statistics "Cognetti de Martiis", University of Torino Awarded for the Master's thesis and for " <i>proven interest in Public Finance.</i> " |
| Certificati | Global Certificate SAS Certified Specialist: Base Programming Using SAS 9.4 October 08, 2020 Certificate Validation Number: 5JVDKBDC2EVQ1VWP Certificate Verification Link: https://www.certmetrics.com/SAS/public/verification.aspx Certificate of attendance Tableau Desktop Fundamentals Course May 2018 |
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OTHER SKILLS

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| Native Language | Italiano |
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| Foreign Languages | English Level: C1 |
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| Computer skills | <p>Writing and presentation tools</p> <p>Microsoft PowerPoint</p> <p>Microsoft Word</p> <p>LaTeX</p> <p>Data analysis and spreadsheet tools</p> <p>R (base, tidyverse, quanteda)</p> <p>Python (pandas, scikit-learn, tensorflow, pytorch, transformers)</p> <p>Excel</p> <p>BlueSky Statistics</p> <p>SAS</p> <p>STATA</p> <p>Gretl</p> <p>EUROMOD</p> <p>Tableau</p> |
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