

CLAUDIA SESSA

PhD Candidate

Milano, IT

CONTACT INFORMATION

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EDUCATION

PhD in Management, Finance and Accounting, LIUC University 2022 - (expected) Dec 2025

Research interests: Explainable AI, Business Analytics, Operations Research

(Tentative) Thesis Title: *“Machine Learning to Assist Decision-Making: addressing and reducing uncertainty”*

Supervisors: Prof. Alessandra Cillo, Prof. Giovanni Paolo Crespi

Visiting Scholar, SKEMA Business School – Paris, FR

Mar 2024 - Sept 2024

Visiting the Centre for Analytics and Management Science under the supervision of Prof. Xuefei Lu

MSc in Data Science and Business Analytics -

Track in Data Science (LM-82), Bocconi University

2020 - 2022

Final Mark: 110/110 cum laude – GPA: 29.108/30

Research Thesis: *“Sensitivity Analysis of an Agent-based Model for the Public Transportation Network of Milan”*

Relevant Coursework: Optimization, Algorithms, Machine Learning I and II, Simulation and Modeling

Exchange Program, Emory University – Goizueta Business School

Jan 2020 - May 2020

GPA: 4/4

Atlanta, GA, USA

Relevant Coursework: Forecast and Predictive Analytics, Advanced Decision Analytics, Behavioral Economics

BSc in Economics, Management and Computer Science (L-33), Bocconi University

2017 - 2020

Final Mark: 110/110 – GPA: 28.607/30

Thesis: *“Benefits of the use of heuristic methods in Artificial Intelligence”*

Relevant Coursework: Computer Programming, Machine Learning, Advanced Statistics, Big Data and Databases

WORK EXPERIENCE

Researcher

Jan 2025 - present

Ufficio Studi - LIUC

Castellanza, IT

- Conducted interdisciplinary research on the condition of young people in Italy
- Retrieval and analysis of data related to the social capital of Italian regions

Business Analysis Intern

June 2021 - Dec 2021

AMAZON EU S.à.r.l.

Luxembourg, LUX

- Development of data pipelines in Amazon Redshift ETL
- Development, delivering, maintenance and improvement of performance metrics dashboards in Tableau

TEACHING EXPERIENCE

At Bocconi University

Milano, IT

- Lecturer and Teaching Assistant for the course *“Mathematics - Module 1 (General)”* (incoming) Sept 2025
BSc in International Economics and Finance
- Teaching Assistant for the course *“Principles of Business Analytics”*
MSc in International Management Sept 2024 - present

At <i>LIUC Business School</i>	<i>Castellanza, IT</i>
<ul style="list-style-type: none"> Lecturer for the course “<i>Metodi matematici dell’economia sanitaria</i>” Master Universitario di Primo Livello in Innovazione e approcci gestionali per la reingegnerizzazione dei processi e delle organizzazioni in Sanità (INGEGNERIZZA) 	May - June 2025
At <i>LIUC University</i>	<i>Castellanza, IT</i>
<ul style="list-style-type: none"> Teaching Assistant for the course “<i>Principi di Business Analytics</i>” MSc in Economia, Management e Governance Tutoring for the course “<i>Mathematics for Business, Economics and Finance</i>” BSc in Economia Aziendale 	Sept 2024 - present 2023 - present

PAPERS PUBLISHED IN CONFERENCE PROCEEDINGS

- Identifying Bias in Data Collection: A Case Study on Drugs Distribution**
with C. Gallese, F. Schettini, D. Bellavia, F. Asperti, E. Falletti
IJCNN 2024 conference proceedings, IEEE, 2024

PAPERS PRESENTED TO CONFERENCES

- Identifying Bias in Data Collection: A Case Study on Drugs Distribution**
with C. Gallese, F. Schettini, D. Bellavia, F. Asperti, E. Falletti
 - LX Riunione Scientifica SIEDS (Società Italiana di Economia, Demografia e Statistica)*, Castellanza, IT
 - IEEE World Congress on Computational Intelligence 2024*, Yokohama, JPN
- Optimizing the drugs’ distribution network in the Italian National Healthcare Service: IT-COULD-WORK (with a simulation approach)!**
with F. Asperti, E. Foglia
 - EurOMA 2024 Annual Conference*, Barcelona, ESP
- Finding the Important Variables from a Rashomon Set: a Rank Aggregation Approach**
with X.Lu, E. Borgonovo, A. Cillo, P. Crespi
 - International Conference on Sensitivity Analysis of Model Output (SAMO) 2025* during the Satellite event *RT-UQ PhD-day* in Grenoble, FR
- A Comparative Review of Robustness Measures in Multiobjective Portfolio Optimization**
with A. Cillo, P. Crespi, M. Rocca
 - 16th International Conference on Multiple Objective Programming and Goal Programming* in Varese, IT

SELECTED WORK IN PROGRESS

- Does Accuracy of Advice Matter in Human-in-the-Loop Systems?**
with A. Cillo, C. Ulu, E. Borgonovo

LANGUAGES

Italian	Native
English	Fluent (C1)
French	Intermediate (B1)

COMPUTER SKILLS

Data Analysis	Python, Matlab, R, SQL
Other tools	LaTex, Qualtrics, Tableau