

Toma Anca Mirela

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Education

- **PhD in Applied Economics and Management [EN]** **University of Pavia and Bergamo**
Chair of Statistics *October 2017–*
Research and interests – FinTech applications, Cryptocurrency market, Statistics, Big Data and Financial Data Science, Machine Learning, Financial Risk Management.
- **MSc in Economics, Finance and International Economics [EN]** **University of Pavia**
Focus – Behavioural economics and Finance, (102/110) *2011–2015*
Thesis: “Nudging pro - environmental behaviour”. Supervisor: Fabio Tramontana. Core Teaching:
- **BS in Economia [IT]** **University of Pavia**
Focus – Economia e strategie di mercato, (109/110) *2011–2015*
Thesis: “Relazione sullo stage svolto presso lo Studio Mocchi Dottori Commercialisti Associati” Supervisor: Francesco Sotti.

Teaching

Teaching activities.....

University of Pavia - Faculty of Economics (Ongoing) *Tutor for master students in Big Data Analysis. Main task is to train the students from the basics to the most advanced data analysis tools thorough machine learning algorithms and data mining.*

LUMSA - Fintech EduLab, Fintech & Innovation, (2019) *Teacher for the course "Big Data Analysis" : (22 h) Rome.*

Young Talent in Action Programme - Manpower group (2019) *Teacher for the course "Data Science" : Il dato nella impresa moderna", "Fondamenti di programmazione con il linguaggio Python, Project Work,(32 h) Milan.*

University of Pavia - Faculty of Economics (2018) *Tutor for master students in Big Data Analysis. Main task is to train the students from the basics to the most advanced data analysis tools thorough machine learning algorithms and data mining.*

Young Talent in Action Programme - Manpower group (2018) *Teacher for the course "Data Science: Introduzione a Data Science", Milan.*

Notable Projects.....

University of Pavia - Faculty of Economics (Ongoing) *'Communication Project Manager of Horizon 2020 Coordination and Support Actions Project "A Financial supervision and technology compliance training programme". [Winner of the European Grant, project n.825215. Coordinator: Prof. Paolo Giudici (University of Pavia)]*

Publications

Research papers.....

- Tasca, P., Cerchiello P., Toma A., ICO success drivers: a statistical and textual analysis (2018). *Journal Of Alternative Investments*
- Cerchiello P., Toma A., Initial Coin Offerings: risk or opportunity (2019) *Frontiers in Artificial Intelligence*.
- Cerchiello P., and Toma A., Telegram chats and financial indicators: can we trust ICOs? Submitted to *Review of Financial Studies*

Technical and Personal skills

- **Programming Languages:** Proficient in: Python, R, Stata and Latek
- **General Business Skills:** Good presentation and communication skills, Works well in a team.

Conference talks

- 2019 "OECD Blockchain Forum Policy, Paris (France)
- 2019 "Reinventing banking and sustainable finance, International Finance and Banking Society (IFABS) Conference" Angers (France)
- 2019 "Smart Statistics for Smart Applications", University of Cattolica (Italy)
- 2018 "Frankfurt Summit on Network Analysis", Frankfurt School of Management, (Germany)
- 2018 "3rd COST Conference on Mathematics for Industry", Zurich University of Applied Sciences (Switzerland)
- 2018 "29th (EC)2 on Big Data Econometrics with Applications", Bank of Italy, Rome (Italy)
- 2018 "Third Entrepreneurial Finance Conference", Politecnico of Milan, (Italy)

Honors, Awards and Grants

- **Certificate of attendance** - June 2019 - "Società Italiana di Econometria" (SIdE) Text Analysis Sentiment Analysis (TASA) with Applications to Finance" (Prof. Wolfgang Haerdle, Prof. Cathy Chen)