Kateryna Kononova

Curriculum Vitae

Personal Information

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Profiles	ORCID, ResearchGate, Google Scholar

Work Experience

2025-Present	Scientific Consultant, Kyiv National Economic University Science Park, Ukraine
2025-Present	Scientific Collaborator, Simone Cesaretti Foundation, Italy
2020-2023	R&D Director, Trementum Inc., Ukraine
2014-2020	R&D Director, Singularex Inc., Ukraine
2002-2020	Co-Founder, KODA Inc., Ukraine
2001-2022	Professor, Karazin Kharkiv National University, Ukraine

Education and Training

2017	D.Sc. in Economic Sciences, Vadym Hetman Kyiv National Economic University
2002	Ph.D. in Economics and Mathematical Modeling, Simon Kuznets Kharkiv National University of Economics
1999	M.Sc. in Economic Cybernetics, Karazin Kharkiv National University

Scientific Interests

Data Science in Economics
Behavioral and Cognitive Economics
Natural Language Processing and Machine Learning
Information and Trust Economies

Research Projects & Experience

2020-2023	Social Media Intelligence
2016-2020	NLP for Ideological Rhetoric Analysis
2015-2019	Machine Learning in Commercial Applications
2014-2019	Social Media Mining and Threat Detection
2016-2018	Trust and Socio-Economic Growth
2013-2015	Behavioral Modeling of Innovation Development

2010-2012	Modeling in Information Economics
2007-2009	Evolutionary Economic Models
2004-2006	Behavior Modeling of Economic Agents

Research Projects (International Experience)

2015-2019	Erasmus+ (KA107), Project 2016-1-ES01-KA107-023474
2015-2018	COST Action CA15140 – ImAppNIO
2013	Training in Mathematical and Computer Modeling
2004-2005	REAP International Project
2001-2003	Tempus-Tacis Joint Educational Project

Publications (Selected)

Kononova K., Dek A. (Upcoming). On Cryptoasset Traders Behavior. The Cambridge Handbook of Behavioral Data Science

Sibilio V. et al. (2025). Territories between global competition and Sustainability: getting out of the Race to the Bottom Trap. Rivista di Studi sulla Sostenibilita

Kononova K. (2024). Machine Learning for Humans on Cats. Amazon

Kononova K. (2020). Machine Learning in Location Tasks. CEUR Workshop Proceedings, Vol-2649

Bay S. et al. (2019). Responding to Cognitive Security Challenges. NATO StratCom

Kononova K. (2019). Machine Learning: Methods and Models. Textbook, Karazin University

Teperik D. et al. (2018). Virtual Russian World in the Baltics. NATO StratCom

Editorial Board Memberships

Rivista di Studi sulla Sostenibilità
Bulletin of V. N. Karazin Kharkiv National University (Economic Series)
Neuro-Fuzzy Modeling Techniques in Economics

Scientific Committee Roles at Conferences

HAICTA	ICT in Agriculture, Food and Environment
EBEE	Economies of Balkan and Eastern Europe
MPSESM	Modern Problems of Social and Economic Systems Modeling

Skills

Python, R, Vensim PLE, MS Office Professional
GitHub, YouTube (content creation)
Languages: Ukrainian, Russian, English, Spanish

Courses Taught

Machine Learning in Economics
Neural Networks in Economics

Projects & Outreach

MeowLearning: ML for Humans on Cats
Website: https://katerynakononova.github.io/meowlearning/
Role: Creator | Since 2023
When ChatGPT-3 first became available, I launched MeowLearning, a creative initiative to make machine learning accessible to beginners. The project began with a book and soon expanded into Shorts and interactive materials. Now it includes:
- A beginner-friendly book explaining ML concepts with engaging examples
- A YouTube Shorts series that covers key ML topics
- One-pagers with code, prompts, and tips for learners
- All code and materials are available on GitHub for easy access and experimentation

References

Available upon request.