

# The MSCA Industrial Doctoral Network on Digital Finance:

## A European Research and PhD Training Programme

### OUR MISSION

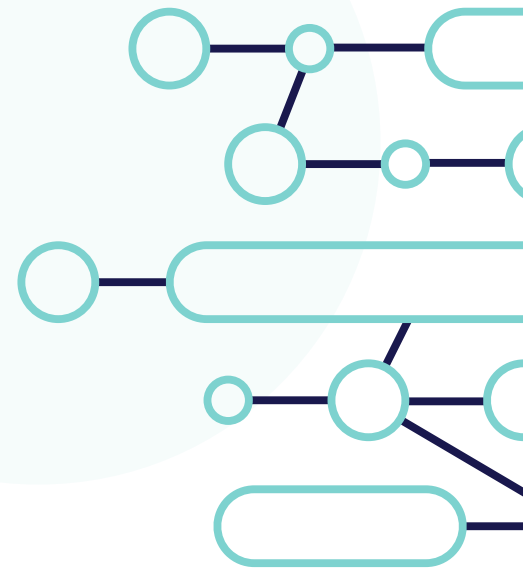
Our goal is to bridge the gap between academia and industry, fostering a new generation of digital finance professionals equipped with both theoretical insights and practical skills. We are poised to drive innovation and change in a sector ripe for digital transformation.

### COLLABORATION AND IMPACT

The MSCA Digital Finance programme is more than just a research initiative; it is a collaborative ecosystem. By combining the expertise of academics, industry leaders, and policymakers, we aim to create a comprehensive shift towards digitalization and innovation in finance.

### OUR NETWORK

Our network unites eight leading European universities, four major international corporations, two innovative SMEs, three globally renowned research centers, and the European Central Bank. Together, we are embarking on a mission to reshape the landscape of digital finance through cutting-edge research and training.



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State Secretariat for Education, Research and Innovation SERI



Funded by the European Union



## THE TEAM



Banks & Fintechs



International Organisations



Faculties



Research Centers

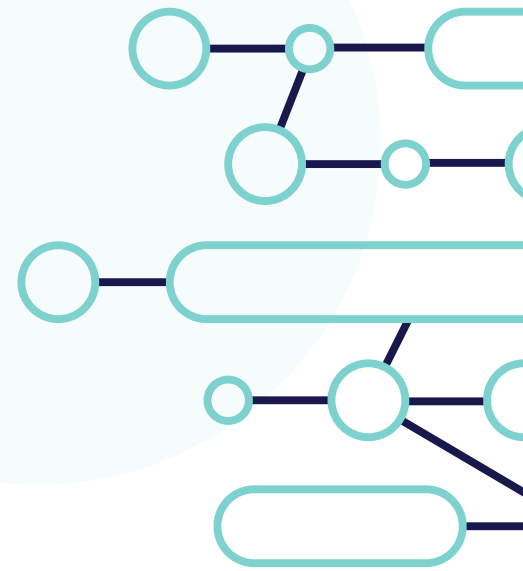
<sup>1</sup> Under Review

## THE RESEARCH OBJECTIVES

- 1 Towards a European financial data space. Ensure sufficient data quality to contribute to the EU's efforts of building a single digital market for data.
- 2 Artificial intelligence for financial markets. Address deployment issues of complex artificial intelligence models for real-world financial problems.
- 3 Towards explainable and fair AI-generated decisions. Validate the utility of state-of-the-art explainable artificial intelligence (XAI) algorithms to financial applications and extend existing frameworks.
- 4 Driving digital innovations with Blockchain applications. Design risk management tools concerning the applications of the Blockchain technology in Finance.
- 5 Sustainability of Digital Finance. Simulate financial markets and evaluate products with a sustainability component.



DIGITAL



## TRAININGS

The training of the Doctoral Candidates is built on **FOUR** pillars:

- 1 Training through research and mandatory scientific training
- 2 Advanced scientific training
- 3 Transferable skills training
- 4 Training through secondments

During their 3-year training, students will have a secondment at one of our industry partners



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