MERCURY

AI & Advanced Financial Investment from Intelligent Analytics to Future-ready Policies

14 – 18 June 2027
Rome (Italy)



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Ref: 16319_1015602 **Date:** 14 – 18 June 2027 **Location:** Rome (Italy) **Fees:** 7200 Euro

Introduction:

The financial world is undergoing radical transformations driven by the integration of Artificial Intelligence AI into investment practices, portfolio management, and financial policy design. Leveraging algorithms, machine learning, and big data analytics has become crucial for enhancing financial performance, mitigating risks, and improving decision-making efficiency. This advanced program equips participants with the technical and analytical skills necessary to understand how AI can be leveraged to enhance investment strategies and develop adaptable financial policies for the future.

Targeted Groups:

- Investment managers and portfolio managers.
- Financial and strategic analysts.
- Policy makers in government and corporate finance.
- Professionals in banking and investment funds.
- Individuals interested in AI applications within financial markets.

Training Course Objectives:

By the end of this program, participants will be able to:

- Understand the strategic role of AI in shaping financial investment strategies.
- Gain deep insights into AI applications for market analysis and risk assessment.
- Design innovative financial policies supported by data and emerging technologies.
- Acquire practical tools to integrate AI into institutional and individual investment decisions.
- Build foresight capabilities to anticipate the future of investments in the digital era.
- Apply AI algorithms to analyze large-scale financial datasets.
- Develop investment strategies based on intelligent forecasting models.
- Formulate evidence-based financial policies powered by AI.
- Conduct advanced risk assessment using machine learning tools.
- Identify growth opportunities and emerging markets through AI-driven insights.

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Targeted Competencies:

- Advanced analytical competency.
- Digital competency in handling algorithms and data.
- Strategic decision-making competency.
- Financial risk management competency.
- Policy development and future-oriented financial competency.

Course Content:

Unit 1: Artificial Intelligence in the Global Financial System:

- Evolution of AI and its role in the financial sector.
- Comparing traditional investment models with AI-powered approaches.
- Global case studies of AI applications in financial markets.
- The relationship between digital transformation and smart financial policies.

Unit 2: AI Tools for Investment Analysis:

- Machine Learning algorithms for financial forecasting.
- Natural Language Processing NLP for analyzing financial news and reports.
- Deep Learning models for predicting market movements.
- Big Data Analytics to identify investment trends and patterns.

Unit 3: Risk Management through AI:

- Predictive tools for market volatility and financial risks.
- AI applications in fraud detection and financial crime prevention.
- Probabilistic models for forecasting financial defaults.
- Early-warning systems for identifying potential financial crises.

Unit 4: Financial Investment Policies in the AI Era:

- Designing data-driven financial policies.
- Regulatory and legal frameworks for AI-driven investment.
- Ethical dimensions of AI applications in finance.
- Governmental and institutional strategies to align policies with emerging technologies.

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Unit 5: The Future of Financial Investment with AI:

- Future trends in AI-powered financial markets.
- Integrating AI with other technologies such as Blockchain and FinTech.
- Exploring investment opportunities in emerging markets.
- Building a roadmap for sustainable and efficient AI-driven investment.