



The brightest minds in finance

AI for Finance Professionals

Overview

How do you capture data and turn it into a valuable business asset? In an era marked by ever-accelerating technological advancements, the integration of Artificial Intelligence (AI) into the finance industry has become a transformative force. This two-day training is tailored to equip finance professionals with the knowledge and practical skills required to harness the power of AI in their work. By the end of this program, the participants should have a solid understanding of AI fundamentals, hands-on experience with AI tools and frameworks, and insights into how to leverage data within their organization and beyond, and use AI to enhance their work.

How you will benefit

By attending the program, you will

- Gain a solid understanding of AI fundamentals and their application in the finance industry
- Learn more about up-to-the-minute, key AI technologies: Machine Learning, Deep Learning, Natural Language Processing, Large Language Models (ChatGPT)
- Investigate how to use machine learning in finance: credit scoring, fraud detection, risk assessment
- Gain hands-on experience with cutting-edge AI tools and frameworks
- Increase your awareness on ethical considerations of AI and regulatory compliance
- Make informed, strategic decisions by integrating key AI management insights into the way your organization operates.

Who should attend

The AI for Finance Professionals program is relevant to a wide range of executives who want to better grasp how AI works. Among them:

- CIOs
- IT managers
- Business analysts
- Risk professionals
- Investment bankers
- Any professionals who want to understand how AI can be successfully implemented within their organization

This program does not require technical skills or the ability to program.

Program at a glance

Introduction and Program Overview

- AI in the world around us today and in our pocket: how we use AI in our day-to-day lives
- Opportunities for AI in business and in the financial sector
- Key AI technologies today: Machine Learning, Large Language Models such as ChatGPT

A Short History of AI

Neural Networks and Deep Learning

Data as a Resource

- Organizations fail to realize that they are sitting on a goldmine of data that can be leveraged to cut costs and develop novel business opportunities
 - Investigating the data in your organization; how to tap into that data as a resource; challenges; "dirty" data; incomplete data, ...

Applications of Machine Learning in Finance

- Actionable insights from data: examining a number of business cases, including

Ethical and Safety Aspects

- Ethical and legal considerations: personal data, ESG
- Current legal frameworks in the EU, UK and elsewhere in the world (GDPR, CCPA, PIPL)
- Comparing & contrasting public & private uses of data; social credit systems; surveillance capitalism
- Important issues for putting AI into practices

Large Language Models, ChatGPT

Only a short while ago, OpenAI launched ChatGPT, a so-called Large Language Model (LLM). It gained widespread adoption and led to much discussion in the media. We examine the players in this new market and ask

- Who owns the training data and the interaction data?
- How can we leverage these technologies in our organizations?
- What are the legal and compliance concerns?

2 days | € 3,100 | Check AIF.nl for dates

The expert

Meet the brightest minds in finance. Learn from the world's leading finance academics and experienced corporate executives.



Breannán Ó Nualláin teaches Machine Learning and Data Science at the University of Amsterdam. He has

special responsibility for the development of computing throughout the curriculum at Amsterdam University College, and is a member of their AI task force. With more than 30 years of experience and over 1,000 academic citations, he brings a deep understanding of artificial intelligence and machine learning to his teaching.

Breannán previously worked at the Informatics Institute of the University of Amsterdam, collaborating with scientists from a range of disciplines to build large-scale computer systems for solving modelling problems in areas as diverse as the virology of influenza, computational astrophysics and groundwater hydrology.

Aside from his academic career, Breannán is the Co-Founder and Chief Information and Technology Officer at ML Programs, a company specializing in Machine Learning and AI services for the finance sector. ML Programs provides an array of data-driven services catering for risk management, fraud detection, renewal retention and claim prediction. He is also CEO of Rekenwolk Consulting, providing Machine Learning services to the Aerospace industry.

Breannán Ó Nualláin was educated at University College Dublin where he graduated in Mathematical Physics before continuing his studies in Artificial Intelligence. He is a certified data protection officer.

Enrolling & practical information

Enrollment requirements

AIF considers each enrollment application carefully to ensure the quality and level of the program is maintained and that participation of candidates is beneficial to both themselves and their organizations. The general prerequisite for all AIF programs is the possession of an academic or equivalent degree, as well as proficiency in English and practical experience.

Accommodation

AIF has special corporate rates available for participants at a number of hotels in central Amsterdam.

Certificates

An AIF certificate of attendance is awarded to all participants who successfully complete the program.

Program location

The programs are held in the center of Amsterdam, within an easy walk from Amsterdam Central Station, and within 30 minutes from Schiphol international airport.

Program fees

Program fees include tuition, all comprehensive program materials, books, and any software that is required for the program, as well as luncheons and daily refreshments. Accommodation is not included.

In-company programs

For information on how AIF can add value to your organization via a tailored in-company program, please contact AIF directly at: +31 20 246 7140.

Ready to learn more? Find your program and reserve your place at [AIF.nl](https://aif.nl)

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