

SEYA CAPITAL
INSIGHT.STRATEGY.GROWTH

FINANCE, ACCOUNTING & BUDGETING

AI for Financial Markets and Investing

Harnessing Artificial Intelligence for Market Intelligence, Investment Decisions & Portfolio Performance

SECTOR	FORMATS	FEE FROM	2027 SESSIONS
Finance, Accounting & Budgeting	5 days & 2 weeks	US$ 2,100	3

OVERVIEW

About this course

Artificial Intelligence (AI) is rapidly transforming global financial markets and the investment industry by enhancing market analysis, improving forecasting accuracy, automating investment research, optimising portfolio allocation, strengthening risk management, and supporting real-time investment decision-making.

Investment firms, asset managers, hedge funds, pension funds, sovereign wealth funds, family offices, banks, and institutional investors are increasingly leveraging AI, Machine Learning, Predictive Analytics, Natural Language Processing (NLP), and Generative AI to process vast amounts of structured and unstructured data, identify market opportunities, and generate superior investment outcomes.

The Seya Capital AI for Financial Markets and Investing Training Course equips investment professionals with practical knowledge of AI technologies and their applications across financial markets, investment analysis, trading strategies, portfolio management, risk analytics, and wealth management.

Participants will gain a strategic understanding of how AI is reshaping investing and how organisations can effectively integrate AI into their investment processes.

2027 SCHEDULE

Dates, venues & fees

DATES	VENUE	FORMAT	FEE PER DELEGATE
31 May – 4 Jun 2027	Nairobi, Kenya	5 days	**US$ 2,100**
7 – 18 Jun 2027	Johannesburg, South Africa	2 weeks	**US$ 3,960**
14 – 18 Jun 2027	Johannesburg, South Africa	5 days	**US$ 2,200**

Fees exclude travel and accommodation. This course is also available in-house, on dates and at a venue of your choice.

HIGHLIGHTS

What you will learn

- Artificial Intelligence and Machine Learning fundamentals
- AI-driven investment research and market analysis
- Predictive analytics and financial forecasting
- AI-powered portfolio construction and optimisation
- Algorithmic trading and quantitative investing
- Risk management and market surveillance
- Generative AI for investment intelligence and reporting
- AI governance, ethics and regulatory considerations

- Participants will explore practical use cases including:
- AI-Based Equity Screening Models
- Predictive Market Forecasting Platforms
- Portfolio Optimisation Engines
- Algorithmic Trading Systems
- Sentiment Analysis Tools
- Alternative Data Analytics
- Risk Forecasting Models
- AI Investment Research Assistants
- Wealth Management Robo-Advisers
- Automated Performance Reporting
- AI-Powered Investment Dashboards
- Generative AI Market Intelligence Platforms

OBJECTIVES

By the end of the course

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

- Understand the role of AI in financial markets and investing
- Apply AI-driven approaches to investment analysis and portfolio management
- Utilise predictive analytics for market forecasting and asset selection
- Leverage AI technologies to improve investment decision-making
- Evaluate AI applications in quantitative trading and wealth management
- Assess risks associated with AI-driven investing
- Implement AI governance and compliance frameworks

- Develop strategies for integrating AI into investment organisations

WHO SHOULD ATTEND

Designed for

Investment Managers | Portfolio Managers | Asset Managers | Investment Analysts | Equity Research Analysts | Hedge Fund Professionals | Wealth Managers | Pension Fund Managers | Sovereign Wealth Fund Professionals | Treasury Managers | Financial Market Professionals | Quantitative Analysts | Risk Management Specialists | Financial Advisors | Finance Executives and CIOs

PROGRAMME

Course outline

Day 1: Foundations of AI in Financial Markets

- Introduction to Artificial Intelligence
- Machine Learning Fundamentals
- Evolution of AI in Financial Markets
- Data-Driven Investing
- Alternative Data Sources
- AI Adoption Frameworks
- Building an AI Strategy for Investment Organisations

Day 2: AI-Powered Investment Research and Market Intelligence

- AI for Investment Research
- Natural Language Processing (NLP)
- Market Sentiment Analysis
- Economic and Industry Intelligence
- News Analytics and Event Detection
- Investment Opportunity Screening
- Automated Research Report Generation

Day 3: Predictive Analytics and Portfolio Management

- Predictive Market Forecasting
- Asset Pricing Models and AI
- Portfolio Construction Techniques
- Portfolio Optimisation Using AI
- Strategic Asset Allocation
- Dynamic Portfolio Rebalancing
- Performance Attribution Analytics

Day 4: Quantitative Investing and Risk Management

- Algorithmic Trading Strategies
- Quantitative Investment Models
- Market Risk Analytics
- Volatility Forecasting
- Credit Risk and Counterparty Analysis
- Stress Testing and Scenario Analysis
- AI-Driven Risk Monitoring Systems

Day 5: Generative AI, Governance and the Future of Investing

- Generative AI for Investment Analysis
- Automated Investment Reporting
- AI-Powered Client Engagement
- ESG and Sustainable Investing Analytics
- AI Governance and Ethical Investing
- Regulatory Considerations
- Emerging Trends in Financial Markets Technology
- Capstone Case Study and Strategy Development

METHODOLOGY

How you will learn

This highly interactive programme combines:

- Expert-led presentations
- Investment management case studies
- AI demonstrations and simulations
- Financial market analytics workshops
- Portfolio optimisation exercises
- Strategic planning discussions
- Group activities and peer learning
- Real-world investment applications

Participants will explore how leading global investment firms are utilising AI technologies to gain investment advantages and improve investment performance.

IMPACT

The return on learning

For your organisation

- Improve investment research capabilities
- Enhance portfolio performance and asset allocation decisions
- Strengthen market forecasting and intelligence functions
- Improve risk management and investment monitoring
- Increase productivity through AI-enabled automation
- Accelerate digital transformation initiatives
- Build future-ready investment capabilities

For you

- Gain practical knowledge of AI in investing and financial markets
- Strengthen analytical and forecasting capabilities
- Improve portfolio management competencies
- Enhance risk management and performance evaluation skills
- Develop strategic understanding of AI-powered investing
- Improve decision-making through intelligent analytics
- Advance career opportunities in investment management and financial markets

CERTIFICATION

Seya Capital certificate

Upon successful completion of the programme, participants will be awarded the prestigious:

Seya Capital Certificate in AI for Financial Markets and Investing

Recognising professional competence in Artificial Intelligence applications, investment analytics, portfolio optimisation, predictive forecasting, quantitative investing, risk management, and AI-driven investment decision-making.

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Register or enquire

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