London TDM

Artificial Intelligence and Data Science Training Courses

Course Venue: Malaysia - Kuala Lumpur

Course Date: From 24 May 2026 To 28 May 2026

Course Place: Royale Chullan Hotel

Course Fees: 6,000 USD

Introduction

This 5-day professional course titled "AI in Finance and Investment Analysis" is designed to provide participants with the necessary knowledge and skills to leverage artificial intelligence in financial and investment contexts. Throughout the course, attendees will explore various AI methodologies and tools, analyze their applications in the finance industry, and evaluate real-world use cases to effectively incorporate AI technologies in investment strategies.

Objectives

- Understand the fundamental concepts of AI and its relevance to finance.
- Explore AI tools and technologies used in financial analysis and decision-making.
- Analyze AI-driven investment strategies and their implications.
- Evaluate risks and ethical considerations associated with AI in finance.
- Develop skills to apply AI solutions to real-world finance challenges.

Course Outlines

Day 1: Introduction to AI in Finance

- Overview of AI and Machine Learning
- AI Applications in Modern Finance
- Historical Context and Evolution of AI in the Financial Sector
- Key Players and Technologies in AI Finance
- Case Studies: Successful Implementations

Day 2: AI Tools and Technologies

- Introduction to Machine Learning Algorithms
- Natural Language Processing in Financial News Analysis
- AI-Driven Predictive Analytics
- Robotic Process Automation in Finance
- Hands-On Workshop: Using AI Tools

Day 3: AI in Investment Strategies

- Algorithmic Trading and AI
- Portfolio Management with AI
- Smart Contracts and AI in Blockchain
- AI in Risk Assessment and Management
- Practical Session: Designing AI-Based Investment Models

Day 4: Risk and Ethics in AI Finance

- Understanding AI Risks in the Financial Sector
- Ethical Considerations in AI Deployment
- Regulatory Challenges and Compliance
- Bias and Fairness in AI Models
- Case Discussion: Ethical Dilemmas in AI Finance

Day 5: Real-World Applications and Future Trends

- Emerging Trends in AI and Finance
- Innovations and Future Applications
- AI in Fintech and Digital Banking
- Preparing for the Future: Skills and Careers
- Final Project: AI Strategy Development for Finance