

Artificial Intelligence and ESG Compliance Course

23 – 27 November 2026
London

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Artificial Intelligence and ESG Compliance Course

Ref: 36397_97801 **Date:** 23 – 27 November 2026 **Location:** London **Fees:** 5700 Euro

Course Overview:

The course is designed to bridge the gap between technology and sustainability, offering a deep dive into how AI can enhance Environmental, Social, and Governance ESG compliance. This course provides professionals with actionable insights into the role of AI in ESG data analysis, reporting, and ethical decision-making. Participants will gain expertise in leveraging AI to optimize ESG frameworks, mitigate compliance risks, and drive sustainable business strategies.

Additionally, this course will cover how Generative AI Gen AI plays a role in sustainability efforts, including:

- Understanding the fundamentals of Gen AI and its impact on ESG strategies.
- Insights into AI tools used to measure and track carbon footprints in business operations.
- Strategies for improving resource efficiency in manufacturing and logistics through AI-driven approaches.
- Exploring AI's role in sustainable product design and the circular economy.
- Implementing AI-driven methodologies to enhance energy efficiency, waste reduction, and sustainability goals.
- Preparing businesses for emerging AI-driven sustainability trends.

Target Audience:

- Corporate Executives
- Sustainability Officers
- HR Managers
- Financial Analysts
- Regulatory Compliance Managers
- AI & Data Science Professionals
- Environmental Consultants
- Supply Chain Managers

Targeted Organizational Departments:

- Sustainability and CSR Departments
- Human Resources
- Finance and Accounting
- Regulatory Compliance
- Data Science & IT
- Operations and Supply Chain

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Targeted Industries:

- Financial Services
- Energy
- Healthcare
- Manufacturing
- Technology & AI-driven Enterprises

Course Offerings:

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

- Understand the intersection of AI and ESG compliance.
- Master AI-driven ESG reporting techniques.
- Obtain ESG training certification with a focus on AI integration.
- Develop skills to utilize AI for ESG analysis and decision-making.
- Explore AI's potential in reducing carbon footprints and enhancing sustainability practices.

Training Methodology:

This course employs an interactive approach incorporating lectures, case studies, AI simulations, and hands-on exercises. Daily reflection and review sessions reinforce key learnings.

Course Toolbox:

- Insights into AI-powered ESG assessment methodologies.
- Examples of ESG metric dashboards utilizing AI analytics.
- Guidance on AI-driven research and compliance methodologies.
- Worksheets and checklists for sustainable business practices.

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Course Agenda:

Day 1: Introduction to AI and ESG Compliance

- **Topic 1:** Understanding AI and Machine Learning Fundamentals
- **Topic 2:** How AI Enhances ESG Data Collection & Analysis
- **Topic 3:** AI's Role in Governance & Regulatory Oversight
- **Topic 4:** AI and Sustainable Business Intelligence
- **Topic 5:** Introduction to AI Ethics in ESG Compliance
- **Topic 6:** AI Applications for ESG Risk Identification
- **Reflection & Review:** Summarize key points, open Q&A, and provide preparation material for Day 2.

Day 2: AI-Driven ESG Stakeholder Management

- **Topic 1:** AI for ESG Risk Identification and Prediction
- **Topic 2:** AI-Powered Investor & Corporate ESG Insights
- **Topic 3:** AI in Conflict Resolution Among ESG Stakeholders
- **Topic 4:** Ethical AI Considerations in ESG Decision-Making
- **Topic 5:** AI's Impact on Diversity, Equity, and Inclusion in ESG
- **Topic 6:** AI-Powered Sustainable Workforce Management
- **Reflection & Review:** Summarize key points, open Q&A, and provide preparation material for Day 3.

Day 3: AI for ESG Reporting & Transparency

- **Topic 1:** AI Automation in ESG Reporting & Disclosures
- **Topic 2:** AI's Role in Enhancing ESG Ratings & Scores
- **Topic 3:** Addressing Bias in AI-Driven ESG Assessments
- **Topic 4:** Insights into AI-Based Carbon Footprint Tracking
- **Topic 5:** AI-Powered ESG Data Verification and Accuracy
- **Topic 6:** AI in Real-Time ESG Monitoring and Compliance Alerts
- **Reflection & Review:** Summarize key points, open Q&A, and provide preparation material for Day 4.

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Day 4: Ethical AI and ESG Challenges

- **Topic 1:** AI & Data Privacy in ESG Compliance
- **Topic 2:** AI and Human Rights Considerations
- **Topic 3:** AI Bias in ESG Evaluations
- **Topic 4:** AI Strategies for Reducing Carbon Emissions in Operations
- **Topic 5:** AI in Sustainable Supply Chain and Logistics Optimization
- **Topic 6:** AI's Role in Circular Economy and Sustainable Innovation
- **Reflection & Review:** Summarize key points, open Q&A, and provide preparation material for Day 5.

Day 5: Regulatory Considerations and the Future of AI-Driven ESG

- **Topic 1:** AI Compliance with ESG Regulations & Standards
- **Topic 2:** SEC & International Regulations on AI in ESG
- **Topic 3:** AI-Driven ESG Certification & Compliance Strategies
- **Topic 4:** Preparing for the Future of Sustainable AI
- **Topic 5:** AI's Role in Achieving Net-Zero Emissions Goals
- **Topic 6:** Future Trends in AI for ESG and Sustainability
- **Reflection & Review:** Summarize the entire week, open Q&A, and discuss further avenues for study and implementation.

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FAQ:

- ### What specific qualifications or prerequisites are needed for participants before enrolling in the course?

  No prior AI knowledge is required! This course is designed for anyone interested in using AI to drive sustainability in their business or career.

- ### How long is each day's session, and is there a total number of hours required for the entire course?

  Each day's session is generally structured to last around 4-5 hours, with breaks and interactive activities included. The total course duration spans one week, approximately 20-25 hours of instruction.

- ### How does AI help measure and track carbon footprints in business operations?

  AI-powered tools analyze energy consumption, emissions, and supply chain data to provide actionable insights on reducing carbon footprints. Machine learning models predict environmental impact, allowing businesses to implement more effective sustainability strategies.

How This Course is Different from Other ESG Courses:

Unlike traditional ESG training courses, our AI-powered ESG compliance program integrates cutting-edge artificial intelligence solutions to enhance ESG reporting, compliance, and ethical decision-making. Participants will gain hands-on experience in AI-driven ESG methodologies, positioning themselves as leaders in sustainable business transformation. This course also uniquely covers the role of Generative AI in sustainability efforts, offering practical insights into its application in carbon footprint reduction, resource optimization, and circular economy initiatives.