

SMART ESG

LEVERAGING AI FOR SUSTAINABLE GROWTH

TRAINING DETAILS

Duration: 1 or 2 Days

Training Hour: 9am to 5pm

RECOMMENDED PARTICIPANTS:

 Business leaders, sustainability officers, managers, analysts, and professionals seeking to integrate ESG principles with Aldriven tools for decision-making and reporting.







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Course Overview:

Sustainability is no longer optional—stakeholders, regulators, and investors demand measurable ESG (Environmental, Social, and Governance) outcomes. At the same time, Artificial Intelligence (AI) is transforming how organizations collect data, monitor performance, and report on sustainability goals.

This programme bridges ESG principles with Al-driven applications, giving business leaders, managers, and professionals the knowledge and practical tools to integrate ESG into business strategy. Through real-world case studies, handson Al demonstrations, and reporting exercises, participants will learn how to track carbon footprints, build ESG dashboards, automate disclosures, and leverage Al insights for sustainable growth and competitive advantage.

The **one-day workshop** provides a strong foundation in ESG and practical AI tools, while the **two-day programme** offers deeper immersion into reporting frameworks, predictive analytics, and strategy simulations for long-term impact.

Methodology

This programme uses a **hands-on, applied learning approach**, blending ESG knowledge with AI practice through:

- Icebreakers to connect ESG to participants' context.
- Tool Demos showcasing AI for tracking, reporting, and visualization.
- Case Studies & Simulations on ESG risks and compliance.
- Workshops to build dashboards and reports.
- **Group Activities** to design and present ESG strategies.
- Action Planning to translate learning into organizational steps





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Key Objectives

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

Understand ESG Principles & Frameworks

- Grasp the core ESG pillars and why they matter for compliance, investors, and stakeholders.
- Navigate key reporting standards (GRI, SASB, TCFD, EU Taxonomy).

Leverage AI for ESG Data Management

- Use AI tools to collect, clean, and analyze ESG data across environmental, social, and governance metrics.
- Apply AI to monitor emissions, supply chain transparency, and employee well-being.

Apply AI to ESG Reporting & Compliance

- Automate disclosures and reporting aligned with global frameworks.
- Build dashboards and visualizations to communicate ESG performance effectively.

Integrate ESG into Business Strategy

- Use predictive analytics to identify risks, opportunities, and ROI of ESG initiatives.
- Link ESG performance with innovation, brand value, and long-term sustainability goals.

Drive Action & Organisational Change

- Draft ESG action plans and reporting outputs using AI tools.
- Collaborate on AI-powered strategies that create measurable, sustainable impact.





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Course Outline

Option 1: One-Day Programme (9:00 am - 5:00 pm)

Theme: "AI-Powered ESG: Practical Tools for Sustainable Success"

Morning Session

9:00 - 9:30 am → Registration & Icebreaker (ESG challenges in your organisation)

9:30 - 11:00 am → Understanding ESG in Organisations

Key pillars: Environmental, Social, Governance

Why ESG matters (compliance, investors, customers)

11:00 - 11:15 am → Tea Break

11:15 – 1:00 pm → AI for ESG Data Collection & Monitoring

Al tools for tracking carbon footprint, supply chain transparency, employee well-being

Examples: Microsoft Sustainability Cloud, IBM Envizi, EcoVadis AI dashboards

Afternoon Session

2:00 – 3:30 pm → AI-Enabled ESG Reporting

Using AI to generate sustainability reports aligned to GRI, SASB, TCFD

Case: Automating ESG disclosure with AI analytics

Activity: Build a sample ESG dashboard using AI-generated data

3:30 – 3:45 pm → Tea Break

3:45 – 4:45 pm → *Linking ESG* & *Business Strategy with AI Insights*Predictive analytics for ESG risk & opportunity management ROI of ESG investments

4:45 – 5:00 pm → Wrap-Up, Q&A & Takeaways





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Course Outline

Option 2: Two-Day Programme (9:00 am - 5:00 pm)

Theme: "Smart ESG: Leveraging AI for Sustainable Growth & Reporting"

Day 1 - ESG Foundations & Al Integration

9:00 – 10:30 am → Understanding ESG Frameworks & Standards GRI, SASB, TCFD, EU Taxonomy – simplified

10:45 – 12:30 pm *→ Al for ESG Data Management*

How AI collects, cleans, and analyses ESG metrics

Tools demo: Carbon footprint calculators, supply chain due diligence platforms

1:30 – 3:00 pm → Case Study Workshop – Using AI to track Scope 1, 2, 3 emissions

3:15 – 5:00 pm → ESG Risk Analysis with AI

Predictive analytics for environmental & reputational risks

Day 2 - ESG Reporting & Strategic Impact

9:00 – 10:30 am → AI-Driven ESG Reporting & Compliance
Automating sustainability disclosures for stakeholders
Hands-on: Drafting sections of an ESG report using AI tools

10:45 – 12:30 pm → *Data Visualization & ESG Dashboards*Creating Al-powered dashboards for executives & investors

1:30 – 3:00 pm → Linking ESG to Corporate Strategy
Using Al insights to guide investment, innovation & branding

3:15 - 4:30 pm → Group Simulation - Present an ESG AI-powered strategy to the board

4:30 - 5:00 pm → Certification, Closing & Next Steps





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Trainer Portfolio: Ms Cynthia Mala Paul HRDC Certified Trainer

Cynthia Mala Paul designs and delivers professional training programs that bridge academic knowledge with practical business application.

With more than 25 years of industry experience in Accounts, Tax, and Audit, 20 years as an entrepreneur, and 15 years as a university lecturer in Business, Finance, Management, and Marketing, her programs emphasize both technical skills and leadership qualities.

Her training is tailored for entrepreneurs, professionals, and community leaders. Topics range from business fundamentals, financial literacy, and entrepreneurship to leadership development, organizational behavior, and sustainability practices. By incorporating real-life case studies, group activities, and experiential learning, Cynthia ensures participants gain actionable insights and the confidence to apply them in real-world contexts



Cynthia Mala Paul brings years of industry and entrepreneurial experience, blending financial expertise with leadership development. Engages participants through real-life case studies and experiential learning to build confidence and actionable skills.

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