ESG Data Analytics Training Course

Professional Development Training Course Outline

Category	ACCOUNTING & FINANCE	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Environmental, Social, and Governance (ESG) Data Analytics has become a strategic priority for organizations seeking sustainable growth, regulatory compliance, investor confidence, and long-term business resilience. As global markets increasingly demand transparency, accountability, carbon reduction strategies, and responsible business practices, organizations are investing heavily in ESG reporting frameworks, sustainability intelligence, climate risk analytics, data governance, and AI-driven ESG performance monitoring. ESG Data Analytics Training Course equips participants with advanced analytical skills, ESG reporting capabilities, sustainability measurement techniques, and digital transformation strategies necessary to drive data-driven sustainability initiatives across industries. The course integrates globally recognized ESG frameworks, sustainability standards, predictive analytics, big data applications, and corporate governance reporting methodologies.

Participants will gain practical knowledge in ESG metrics analysis, sustainability performance dashboards, carbon accounting analytics, ESG risk modeling, stakeholder reporting, regulatory compliance tracking, machine learning applications in ESG, and business intelligence tools for sustainability reporting. The course emphasizes real-world applications, global ESG trends, sustainable finance analytics, climate-related disclosures, and digital ESG transformation strategies. Through practical exercises, interactive workshops, and global case studies, participants will develop the expertise required to enhance organizational sustainability performance, improve ESG ratings, strengthen investor relations, and support strategic decision-making using modern ESG data analytics solutions.

Programme Curriculum

ESG Data Analytics Training Course

Introduction

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Course Objectives

1. Understand the principles and global trends of ESG Data Analytics and sustainable business transformation.
2. Develop skills in ESG reporting, sustainability metrics, and regulatory compliance analytics.
3. Analyze ESG performance indicators using advanced business intelligence and data visualization tools.
4. Implement ESG data governance frameworks for accurate sustainability reporting and accountability.
5. Apply predictive analytics and AI-driven ESG insights for strategic decision-making.
6. Evaluate climate risk analytics, carbon footprint measurement, and sustainability impact assessment.
7. Enhance capabilities in ESG dashboard development and sustainability performance monitoring.
8. Identify ESG investment trends, sustainable finance analytics, and responsible investment strategies.
9. Strengthen knowledge of global ESG frameworks including GRI, SASB, TCFD, and IFRS Sustainability Standards.
10. Develop data-driven ESG strategies that improve corporate reputation and stakeholder confidence.
11. Improve organizational resilience through ESG risk management and sustainability intelligence.
12. Utilize big data analytics and automation tools for ESG data collection and reporting efficiency.
13. Support digital transformation initiatives through integrated ESG analytics and sustainability innovation.

Organizational Benefits

- Improved ESG reporting accuracy and regulatory compliance.
- Enhanced sustainability performance monitoring and benchmarking.
- Stronger investor confidence through transparent ESG disclosures.
- Better risk management and climate resilience planning.
- Increased operational efficiency using ESG analytics automation.
- Improved corporate governance and ethical business practices.
- Enhanced brand reputation and stakeholder engagement.
- Better alignment with global sustainability standards and reporting frameworks.
- Increased ability to attract sustainable investments and green financing.

- Data-driven decision-making for long-term sustainable growth.

Target Audiences

- ESG Managers and Sustainability Officers
- Data Analysts and Business Intelligence Professionals
- Corporate Governance and Compliance Officers
- Risk Management Professionals
- Finance and Investment Analysts
- Environmental and Sustainability Consultants
- Internal Auditors and Reporting Specialists
- Senior Executives and Strategic Decision-Makers

Course Duration: 5 days

Course Modules

Module 1: Introduction to ESG Data Analytics

- Fundamentals of ESG principles and sustainability analytics
- Global ESG trends and digital sustainability transformation
- Key ESG performance indicators and metrics
- ESG reporting frameworks and international standards
- Data-driven sustainability strategies and governance
- Global Case Study: ESG transformation strategies in multinational corporations

Module 2: ESG Reporting Standards and Compliance Analytics

- Overview of GRI, SASB, TCFD, and IFRS Sustainability Standards
- Regulatory compliance requirements and ESG disclosures
- ESG reporting automation and digital compliance systems
- Sustainability reporting best practices and transparency
- Managing ESG audit readiness and compliance monitoring
- Global Case Study: ESG reporting compliance in global financial institutions

Module 3: ESG Data Collection and Data Governance

- ESG data sources and sustainability information systems
- Data governance frameworks for ESG reporting accuracy
- Data quality management and validation techniques
- ESG data integration and centralized reporting systems
- Ethical data management and cybersecurity considerations
- Global Case Study: ESG data governance implementation in manufacturing industries

Module 4: ESG Metrics, KPIs, and Performance Measurement

- ESG scorecards and sustainability benchmarking methods
- Carbon accounting and emissions measurement analytics
- Social impact and diversity performance indicators
- Governance analytics and board performance measurement
- ESG KPI dashboard development and monitoring
- Global Case Study: ESG KPI tracking in international energy companies

Module 5: Business Intelligence and Data Visualization for ESG

- ESG dashboards using modern business intelligence tools
- Sustainability data visualization and storytelling techniques
- Real-time ESG monitoring and reporting systems
- Interactive ESG analytics and executive reporting
- Trend analysis and performance forecasting
- Global Case Study: ESG dashboard implementation in global retail organizations

Module 6: Predictive Analytics and AI in ESG

- Artificial intelligence applications in ESG analytics
- Predictive modeling for sustainability risk assessment
- Machine learning for ESG trend forecasting
- Climate risk prediction and environmental impact analytics
- Automation and intelligent ESG reporting systems
- Global Case Study: AI-driven ESG analytics in technology companies

Module 7: ESG Risk Management and Sustainable Finance Analytics

- ESG risk identification and mitigation strategies
- Climate-related financial risk analytics
- Sustainable finance and responsible investment metrics
- ESG investment performance analysis
- Scenario analysis and sustainability forecasting
- Global Case Study: Sustainable investment analytics in global banking sectors

Module 8: ESG Strategy, Innovation, and Digital Transformation

- Building enterprise ESG analytics strategies
- Digital transformation and sustainability innovation
- Stakeholder engagement and ESG communication strategies

- ESG maturity assessment and continuous improvement
- Future trends in ESG analytics and sustainability technologies
- Global Case Study: ESG innovation strategies in global logistics companies

Training Methodology

- Interactive instructor-led presentations
- Practical ESG analytics workshops and exercises
- Real-world sustainability reporting simulations
- Hands-on business intelligence and dashboard activities
- Group discussions and collaborative learning sessions
- ESG compliance and reporting case study analysis
- Data interpretation and performance evaluation exercises
- Scenario-based sustainability problem-solving activities
- Industry best practice reviews and benchmarking sessions
- Comprehensive global case study discussions

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.
f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

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