Blockchain in M&E Training Course

Professional Development Training Course Outline

Category	Monitoring and Evaluation	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Blockchain in M&E Training Course is designed to equip development professionals with cutting-edge skills to enhance data integrity, transparency, accountability, and trust across project lifecycles. As donors, governments, and implementing partners demand real-time, tamper-proof, and verifiable evidence, blockchain technology is rapidly emerging as a transformative solution for results-based management, impact tracking, and evidence-driven decision-making.

This course explores how distributed ledger technology (DLT) can be strategically integrated into M&E systems to address persistent challenges such as data manipulation, weak audit trails, fragmented reporting systems, and low stakeholder trust. Through hands-on case studies from humanitarian aid, social protection, health, climate finance, and governance programs, participants will learn how to design, implement, and evaluate blockchain-enabled M&E frameworks aligned with SDGs, donor compliance standards, and digital transformation strategies.

Programme Curriculum

Blockchain in M&E Training Course

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Course Duration

5 days

Course Objectives

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

1. Understand blockchain fundamentals and their relevance to M&E systems
2. Apply distributed ledger technology to improve data credibility
3. Design tamper-proof M&E data architectures
4. Integrate blockchain with results-based management (RBM) frameworks
5. Strengthen donor accountability and audit readiness
6. Implement smart contracts for automated reporting and verification
7. Enhance real-time performance monitoring
8. Improve beneficiary-level data traceability
9. Align blockchain-enabled M&E with SDG indicators
10. Assess ethical, legal, and data governance implications
11. Reduce fraud, data duplication, and reporting errors
12. Evaluate the cost–benefit of blockchain adoption in M&E
13. Develop a blockchain-informed digital M&E transformation roadmap

Target Audience

1. Monitoring & Evaluation Officers and Specialists
2. Program and Project Managers
3. Donor Agencies and Development Partners
4. NGOs, INGOs, and CSOs
5. Government M&E and Planning Units
6. Digital Transformation and ICT Officers
7. Audit, Compliance, and Risk Professionals
8. Research, Learning, and Evidence Officers

Course Modules

Module 1: Foundations of Blockchain for M&E

- Blockchain concepts: decentralization, immutability, consensus
- Public vs private blockchains in development programs
- Blockchain vs traditional M&E databases
- Key blockchain terminology for M&E professionals
- **Case Study:** Blockchain use in humanitarian cash transfers

Module 2: M&E Data Integrity and Transparency

- Data credibility challenges in conventional M&E
- Blockchain for secure data collection and storage

- Verifiable audit trails and evidence chains
- Stakeholder trust and transparency mechanisms
- **Case Study:** Donor-funded project data verification

Module 3: Smart Contracts in Results Monitoring

- Introduction to smart contracts
- Automating indicator tracking and milestone verification
- Performance-based disbursements using smart contracts
- Risks and controls in automated systems
- **Case Study:** Output-based financing in social programs

Module 4: Blockchain-Enabled Results-Based Management

- Integrating blockchain with RBM frameworks
- Linking indicators, outputs, and outcomes on-chain
- Real-time dashboards and decision support
- Data interoperability with existing M&E tools
- **Case Study:** Health program performance tracking

Module 5: Beneficiary-Level Tracking and Inclusion

- Blockchain for beneficiary identification and consent
- Preventing data duplication and ghost beneficiaries
- Ethical data ownership and privacy considerations
- Inclusion of marginalized populations
- **Case Study:** Social protection and cash transfer programs

Module 6: Fraud Prevention and Compliance

- Common fraud risks in M&E systems
- Blockchain as an anti-fraud mechanism
- Compliance with donor and regulatory standards
- Strengthening internal and external audits
- **Case Study:** Climate finance fund tracking

Module 7: Governance, Ethics, and Legal Considerations

- Data protection and blockchain governance models
- Regulatory considerations in different contexts
- Ethical use of immutable data
- Risk management and system sustainability
- **Case Study:** Cross-border development programs

Module 8: Designing a Blockchain-Enabled M&E System

- Needs assessment and feasibility analysis
- Technology selection and system architecture
- Change management and capacity building
- Monitoring blockchain system performance
- **Case Study:** End-to-end blockchain M&E pilot design

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

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

Start Date	End Date	Location	Price
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

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com