The Role of Technology in PFM Audits Training Course

Professional Development Training Course Outline

Category	Public Financial Management & Budgeting	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

In today?ÇÖs digital era, the integration of technology in Public Financial Management (PFM) audits has transformed the landscape of governance, accountability, and financial transparency. Emerging tools such as data analytics, blockchain, artificial intelligence, and audit management software are reshaping how auditors detect fraud, assess compliance, and evaluate fiscal sustainability. The Role of Technology in PFM Audits Training Course is designed to empower participants with the practical skills, innovative methodologies, and technology-driven strategies required to strengthen financial accountability, risk management, and audit efficiency in the public sector.

With a strong focus on digital transformation, e-governance, and automated audit processes, the course equips participants with the competencies to leverage real-time data, forensic audit tools, and cloud-based financial systems. By combining theoretical frameworks with hands-on case studies, participants will gain expertise in applying technology for enhanced audit quality, transparency, fiscal reforms, and governance effectiveness at both national and sub-national levels.

Programme Curriculum

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Course Objectives

1. Understand the evolving role of technology in PFM audits.
2. Apply data analytics for detecting irregularities in public expenditure.
3. Enhance audit efficiency using automated audit management tools.
4. Strengthen financial transparency through digital platforms.
5. Use AI and machine learning in risk-based audits.
6. Explore the application of blockchain in public financial systems.
7. Improve accountability mechanisms using digital solutions.
8. Integrate cloud computing for secure audit data management.
9. Utilize forensic technology tools for fraud detection in audits.
10. Apply cybersecurity measures to protect audit data integrity.
11. Understand e-governance systems and their impact on audits.
12. Strengthen performance audits with technology-driven approaches.
13. Build capacity for digital transformation in public financial oversight.

Target Audiences

1. Public sector auditors
2. Supreme Audit Institutions (SAIs) officers
3. Internal and external auditors
4. Financial controllers and accountants
5. Policy makers and regulators
6. IT specialists in public finance
7. Governance and anti-corruption professionals
8. Risk management officers

Course Duration: 5 days

Course Modules

Module 1: Introduction to Technology in PFM Audits

- Evolution of technology in public sector audits
- Key drivers of digital transformation in auditing
- Core digital tools in audit processes
- Role of automation in increasing efficiency
- Challenges in adopting audit technology
- **Case Study:** Transformation of audit practices using digital systems in Kenya

Module 2: Data Analytics for PFM Audits

- Importance of big data in public financial oversight
- Tools for data mining and trend analysis
- Predictive analytics for expenditure monitoring
- Identifying irregularities through data patterns
- Enhancing decision-making with real-time data
- **Case Study:** Use of analytics in expenditure audit in South Africa

Module 3: Artificial Intelligence and Machine Learning in Audits

- AI applications in financial audits
- Machine learning for predictive fraud detection
- Automated anomaly detection
- Use of chatbots for audit query management
- AI-driven audit reporting tools
- **Case Study:** AI-enabled fraud detection in India?ÇÖs public finance

Module 4: Blockchain and Transparency in Public Finance

- Introduction to blockchain for auditors
- Blockchain in tracking public expenditure
- Smart contracts for financial accountability
- Reducing corruption with immutable records
- Challenges of blockchain adoption
- **Case Study:** Blockchain in public procurement in Estonia

Module 5: Cloud Computing and Secure Audit Data Management

- Benefits of cloud adoption in PFM audits
- Cloud security frameworks
- Remote auditing using cloud platforms
- Cost-effectiveness of cloud-based audits
- Risks and mitigation in cloud auditing
- **Case Study:** Cloud-based audit systems in Brazil?ÇÖs SAI

Module 6: Cybersecurity and Data Integrity in PFM Audits

- Cyber risks in financial data systems
- Safeguarding audit evidence with encryption
- Security protocols for auditors
- Managing breaches in digital audit platforms
- Best practices in cybersecurity for PFM audits
- **Case Study:** Cybersecurity breach in audit systems ?Çô lessons from Europe

Module 7: Technology for Performance and Compliance Audits

- Using digital tools in compliance assessment
- Performance measurement with ICT solutions
- Automated compliance reporting
- Enhancing governance with e-audit tools
- Improving timeliness of audits with digital platforms
- **Case Study:** Performance audits using ICT in Singapore

Module 8: Future Trends and Capacity Building in Digital Auditing

- Emerging technologies in audit processes
- Role of training in digital audit capacity
- Cross-border collaboration through digital platforms
- Opportunities and risks in future audits
- Policy reforms for digital audit governance
- **Case Study:** Building auditor capacity in digital tools in Rwanda

Training Methodology

- Interactive lectures with real-life examples
- Hands-on exercises using audit software and analytics tools
- Group discussions and peer-to-peer learning
- Case study analysis for practical application
- Simulation of technology-driven audits
- Expert-led sessions on emerging technologies

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

Start Date	End Date	Location	Price
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

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

Register Online Now

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