Tax – Impact of Artificial Intelligence & Automation Training Course

Professional Development Training Course Outline

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

Course Introduction

Artificial intelligence and automation are transforming global tax administration, risk management, and compliance processes at an unprecedented pace. Governments, tax authorities, and organizations are increasingly integrating AI-driven tools to enhance accuracy, increase efficiency, and improve taxpayer services. Tax – Impact of Artificial Intelligence & Automation Training Course examines how AI, machine learning, robotics, and intelligent automation shape the future of tax systems. Participants will gain a deep understanding of how these technologies influence tax collection, audit functions, decision-making, and fraud detection.

As tax ecosystems continue to digitize, the adoption of AI-enabled tax platforms becomes essential for agility and regulatory responsiveness. This training provides insights into operational models, implementation strategies, data governance, and capability development for integrating automation and next-generation technologies. By the end of the course, participants will be equipped to navigate the future of digital taxation, understand ethical considerations, and leverage AI to support smarter, more transparent tax administration.

Programme Curriculum

Tax – Impact of Artificial Intelligence & Automation Training Course

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Course Objectives

1. Understand the fundamentals of artificial intelligence and automation in taxation.
2. Analyze AI-driven trends transforming tax administration and compliance.
3. Evaluate machine learning applications for audit, risk scoring, and fraud detection.
4. Review automation tools and workflows supporting tax processing.
5. Assess data governance, privacy, and ethical considerations in AI-based tax systems.
6. Compare AI capabilities for taxpayer segmentation and behavioural analysis.
7. Explore predictive analytics and decision-support modelling for tax operations.
8. Examine chatbots, virtual assistants, and digital taxpayer service technologies.
9. Understand automation opportunities in corporate tax and revenue administration.
10. Assess AI readiness, infrastructure needs, and digital transformation maturity.
11. Apply criteria for procuring and implementing AI and automation solutions.
12. Evaluate risks, limitations, and regulatory challenges of AI in tax systems.
13. Develop strategic roadmaps for AI adoption and long-term tax modernization.

Organizational Benefits

- Enhanced analytics capacity for informed decision-making
- Improved audit accuracy and resource allocation
- Reduced manual workload through automated tax processes
- Strengthened fraud detection and risk scoring capabilities
- Faster taxpayer service delivery via AI-driven tools
- Lower operational costs and improved process efficiency
- Increased transparency and consistency in decision-making
- Strengthened compliance and reporting frameworks
- Greater adaptability to regulatory and technological changes
- Improved strategic planning with predictive modelling

Target Audiences

- Tax administrators and revenue authority officials
- Digital transformation leaders and innovation managers
- Data scientists and analytics professionals
- IT managers and system architects
- Corporate tax managers and compliance officers
- Policy analysts and regulatory specialists
- AI and automation solution providers
- Public sector technology and modernization units

Course Duration: 5 days

Course Modules

Module 1: Introduction to AI and Automation in Taxation

- Overview of AI concepts and automation technologies
- Evolution of AI adoption in global tax systems
- Key drivers and benefits of AI-enabled tax functions
- Digital transformation and the future of tax administration
- Ethical, legal, and governance considerations
- Case Study: Adoption of AI in a national tax authority

Module 2: Machine Learning Applications in Tax Administration

- Understanding machine learning models and tax-related datasets
- Predictive analytics for audit selection and risk scoring
- Behavioural modelling for taxpayer segmentation
- Supervised vs. unsupervised learning in tax operations
- Performance evaluation and model transparency
- Case Study: ML-driven audit selection model implementation

Module 3: Automation and Robotics for Tax Processes

- Robotic Process Automation (RPA) for routine tax workflows
- Automating data input, validation, and reporting
- Enhancing back-office operations with intelligent automation
- Workflow management and end-to-end automation
- Integration with legacy systems and cloud platforms
- Case Study: Automation of VAT refund processing using RPA

Module 4: AI for Fraud Detection and Risk Management

- AI techniques for anomaly detection and behavioural risk scoring
- Identifying fraudulent patterns using advanced analytics
- Integration of external datasets for risk modelling
- Real-time monitoring through AI-enabled dashboards
- Data privacy and security in AI-based risk detection
- Case Study: AI-powered fraud detection in income tax payments

Module 5: AI in Taxpayer Services and Communication

- AI-driven chatbots and virtual assistants for taxpayer engagement
- Natural language processing for automated responses
- Personalized taxpayer communication and support
- Enhancing accessibility and service efficiency with automation
- Managing service quality and system limitations
- Case Study: Deployment of an AI-based taxpayer support assistant

Module 6: AI in Corporate Tax and Compliance Functions

- Corporate tax automation and workflow optimization
- Analytics-driven compliance and reporting solutions
- AI tools for transfer pricing documentation and analysis

- Managing global tax data and multi-jurisdictional reporting
- Risk monitoring and audit readiness through AI
- Case Study: AI-enabled corporate tax compliance transformation

Module 7: Implementation, Procurement and Governance

- AI readiness assessment and capability development
- Vendor selection, solution evaluation, and procurement strategies
- Governance frameworks for responsible AI adoption
- Managing change, capacity building, and user adoption
- Monitoring and evaluating AI performance and impact
- Case Study: Governance framework for a national AI tax project

Module 8: Future Trends and Strategic Roadmap Development

- Emerging technologies influencing next-generation tax systems
- AI convergence with blockchain, cloud, and intelligent automation
- Designing long-term modernization strategies
- Ensuring sustainability and continuous improvement
- Aligning AI adoption with national digital transformation agendas
- Case Study: Roadmap for AI-driven digital tax modernization

Training Methodology

- Interactive presentations and expert-led discussions
- Hands-on demonstrations of AI and automation tools
- Group work and collaborative scenario analysis
- Case study review and best-practice benchmarking
- Practical exercises using AI concepts in tax contexts
- Action planning and knowledge assessments

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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