Hyperautomation for Financial Institutions in Banking Training Course

Professional Development Training Course Outline

Category	Banking Institute	**Duration**	10 Days
Base Fee	$3,000 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

In today’s rapidly evolving digital banking ecosystem, hyperautomation is transforming how financial institutions operate, compete, and scale. Leveraging Artificial Intelligence (AI), Machine Learning (ML), Robotic Process Automation (RPA), Intelligent Document Processing (IDP), and low-code/no-code platforms, hyperautomation enables banks to achieve end-to-end process automation, real-time decision-making, operational efficiency, and enhanced customer experience. Hyperautomation for Financial Institutions in Banking Training Course equips banking professionals with cutting-edge knowledge to design and implement scalable, resilient, and compliant automation frameworks that drive digital transformation and cost optimization.

As regulatory pressures, customer expectations, and competition from fintech disruptors intensify, banks must adopt data-driven automation strategies, intelligent workflows, predictive analytics, and cognitive automation. This training provides practical insights into automation governance, risk management, compliance integration, and ROI optimization, empowering participants to lead hyperautomation initiatives. Through real-world banking case studies and hands-on applications, participants will gain expertise in transforming legacy systems into agile, automated, and customer-centric banking operations.

Programme Curriculum

Hyperautomation for Financial Institutions in Banking Training Course

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Course Duration

5 days

Course Objectives

1. Understand hyperautomation frameworks and intelligent automation strategies in banking
2. Implement RPA, AI, and ML-driven process automation for operational efficiency
3. Design end-to-end digital workflows and automation pipelines
4. Apply Intelligent Document Processing (IDP) and OCR technologies in banking operations
5. Enhance customer experience using AI-powered chatbots and automation tools
6. Optimize compliance, risk management, and regulatory automation (RegTech)
7. Leverage predictive analytics and real-time data processing for decision-making
8. Integrate low-code/no-code platforms for rapid automation deployment
9. Improve fraud detection and cybersecurity using automation technologies
10. Develop scalable automation architectures and cloud-based solutions
11. Measure ROI, cost savings, and performance metrics of automation initiatives
12. Manage change management and automation governance frameworks
13. Drive digital transformation and innovation in financial institutions

Target Audience

1. Banking operations managers and executives
2. Digital transformation and innovation leaders
3. IT managers and system architects in banking
4. Risk, compliance, and audit professionals
5. Data analysts and business intelligence specialists
6. Fintech professionals and consultants
7. Process improvement and automation specialists
8. Product managers and customer experience leaders

Training Modules

Module 1: Introduction to Hyperautomation in Banking

- Hyperautomation fundamentals
- Banking digital transformation trends
- AI and intelligent automation ecosystem
- Hyperautomation maturity model
- Banking automation roadmap

- **Case Study:** Digital transformation journey of a global commercial bank.

Module 2: Robotic Process Automation (RPA)

- RPA architecture
- Bot lifecycle management
- Banking process automation
- Bot governance
- ROI measurement
- **Case Study:** Automated account reconciliation using RPA.

Module 3: Artificial Intelligence and Machine Learning

- AI in banking
- Predictive analytics
- Machine learning models
- Decision intelligence
- AI governance
- **Case Study:** AI-powered credit scoring implementation.

Module 4: Intelligent Document Processing (IDP)

- OCR technologies
- AI document extraction
- Customer onboarding automation
- Loan document processing
- Document validation
- **Case Study:** Automated mortgage application processing.

Module 5: Process Mining and Task Mining

- Process discovery
- Workflow optimization
- Performance analytics
- Process compliance
- Continuous improvement
- **Case Study:** Loan approval process optimization.

Module 6: KYC, AML and Regulatory Compliance

- Digital KYC
- AML monitoring
- Regulatory reporting
- Compliance automation
- Risk analytics
- **Case Study:** AI-based AML transaction monitoring.

Module 7: Fraud Detection and Financial Crime Prevention

- Fraud analytics
- Behavioral analytics
- Real-time monitoring

- AI fraud detection
- Risk scoring
- **Case Study:** Credit card fraud detection using machine learning.

Module 8: Generative AI for Banking

- Generative AI fundamentals
- AI assistants
- Customer support automation
- Knowledge management
- Responsible AI
- **Case Study:** AI chatbot deployment in retail banking.

Module 9: Low-Code/No-Code Automation

- Workflow automation
- Citizen development
- API integration
- Digital forms
- Process orchestration
- **Case Study:** Automated employee onboarding platform.

Module 10: Cloud and Intelligent Integration

- Cloud banking
- API banking
- Integration platforms
- Hybrid cloud
- Banking ecosystems
- **Case Study:** Cloud migration for banking automation.

Module 11: Cybersecurity Automation

- Security automation
- Threat intelligence
- SIEM automation
- Identity management
- Incident response
- **Case Study:** Automated cybersecurity operations center (SOC).

Module 12: Enterprise Automation Governance

- Automation governance
- AI ethics
- Risk management
- Regulatory frameworks
- Change management
- **Case Study:** Enterprise automation governance framework.

Module 13: Performance Analytics and Business Intelligence

- KPI dashboards

- Automation metrics
- ROI analysis
- Executive reporting
- Continuous optimization
- **Case Study:** Executive automation dashboard implementation.

Module 14: Hyperautomation Implementation Strategy

- Business case development
- Vendor selection
- Project planning
- Change management
- Enterprise scaling
- **Case Study:** Multi-country banking automation deployment.

Module 15: Future of Hyperautomation in Banking

- Autonomous finance
- Agentic AI
- AI copilots
- Quantum computing readiness
- Future banking innovations
- **Case Study:** Vision roadmap for AI-driven autonomous banking.

Training Methodology

- 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	04 Dec 2026	Online	$2,000
23 Nov 2026	04 Dec 2026	Physical	$3,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$6,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$9,000
23 Nov 2026	04 Dec 2026	Physical	$12,000
23 Nov 2026	04 Dec 2026	Physical	$12,000

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

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