COURSE BROCHURE

Fintech and Blockchain in Financial Services Training

A one-week, hands-on program on how fintech and blockchain deliver measurable value in payments, markets, and compliance. Learn use cases, reference architectures, risk and controls, and build a practical roadmap from proof of concept to scaled deployment.

Code	HT-AI-118
Category	AI & Digital Transformation
Duration	1 week
Level	Intermediate

Introduction

Financial institutions face intensifying competition, real-time expectations, and fast-moving regulations. Fintech innovations and distributed ledgers can streamline operations, improve transparency, and unlock new revenue—if they are selected and implemented with rigor. This course equips product, operations, risk, and technology leaders to connect business goals with technical choices, assess feasibility, and design proofs of concept that stand up to compliance and scale.

Objectives

- Map fintech value chains and regulatory drivers across key business lines.
- Explain blockchain primitives, smart contracts, and token mechanics in plain business terms.
- Prioritize use cases and frame a measurable value hypothesis with KPIs.
- Sketch a reference architecture and integration plan with controls and resilience.
- Build a pragmatic implementation roadmap covering vendors, ROI, governance, and risk.

Who should attend

- Heads of Digital Transformation and Strategy in banks and fintechs
- Product Managers in payments, lending, wealth, or insurance
- Compliance, Financial Crime, and Operational Risk leaders
- Solution Architects and Integration Leads working with APIs and core systems

Skills you will develop

- Use-case scoping tied to customer outcomes and measurable KPIs
- Reference architecture design including security, privacy, and resilience
- Vendor evaluation and due diligence with clear selection criteria
- Financial modeling of cost, benefit, and sensitivity in spreadsheets

Learning Outcomes

- Draft a one-page use-case brief defining the problem, value, and success metrics.
- Sketch a high-level architecture diagram with data flows, controls, and integrations.
- Build a simple ROI model in Excel or Sheets with key assumptions and sensitivities.
- Create a risk-and-controls register covering KYC/AML and on-chain analytics.

Course Outline

Day 1: Fintech landscape and regulatory context

- Business models and value chains across payments, lending, wealth, and insurance
- Market trends: digital channels, open banking, instant settlement, customer expectations
- Regulatory perimeter, licensing, open data, and privacy obligations

Day 2: Blockchain fundamentals for finance

- Ledgers, hashing, public/private keys, wallets and addresses
- Networks, nodes, consensus (PoS, PoW, BFT) and finality
- Smart contracts, tokens, and stablecoin mechanics

Day 3: Use cases across financial services

- Cross-border payments and remittances with stablecoins and CBDC pilots
- Trade finance, supply-chain tokenization, and document digitization
- Capital markets: tokenized assets, DvP, collateral and DeFi primitives

Day 4: Architecture, risk and compliance

- Reference architectures and integration with core banking and APIs
- Security, key management, privacy, and operational resilience
- AML/KYC, travel rule, sanctions screening, and on-chain analytics

Day 5: Strategy, vendors, and implementation

- Business case modeling, ROI, KPIs, and value realization
- Vendor selection, due diligence, SLAs, and governance
- Roadmap, change management, PoC design, and success criteria

Training methodology

Facilitated case studies from payments, trade, and capital markets
Hands-on labs using browser-based sandboxes and spreadsheet modeling
Group workshops to craft use cases, value maps, and implementation plans
Short lectures with decision frameworks followed by guided debriefs and feedback

Certification

Harbor Training Center certificate of attendance

Upcoming dates

No dates are published at the moment. Contact us to arrange one, or to run the course for your organisation.

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To register and for details, scan the code or visit:

https://harbor4training.com/en/courses/fintech-and-blockchain-in-financial-services-training