Digital Transformation in Banking and Finance Industry

4 – 8 October 2027
Paris (France)



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Why This Course

Digital transformation is reshaping the banking and finance industry at a rapid pace. Financial institutions are under growing pressure to improve customer experience, modernize operations, strengthen cybersecurity, adopt emerging technologies, and compete with fintech companies, digital-only banks, and platform-based financial ecosystems.

Successful digital transformation in banking is not only about technology adoption. It requires clear strategy, regulatory awareness, data-driven decision-making, customer-centric design, strong governance, effective risk management, and the ability to lead organizational change.

This intensive 1-week course equips banking and finance professionals with the knowledge and practical skills needed to navigate the digital transformation landscape. Through industry case studies, technology reviews, strategic frameworks, customer experience exercises, and implementation planning, participants will learn how to evaluate digital opportunities, manage risks, and lead transformation initiatives in financial institutions.

What You'll Learn and Practice

By joining this program, you will:

- Understand the key drivers of digital transformation in banking and finance.
- Explore major technologies shaping the financial sector, including AI, blockchain, cloud computing, big data, and digital payments.
- Analyze innovative business models such as open banking, platform banking, fintech partnerships, and digital-only banks.
- Apply data-driven decision-making and predictive analytics in financial services.
- Improve customer experience through omnichannel banking and personalization.
- Understand the role of AI-powered chatbots and virtual assistants in customer service.
- Explore blockchain applications, smart contracts, cryptocurrencies, CBDCs, and decentralized finance.
- Address regulatory challenges in digital financial services.
- Strengthen cybersecurity and risk management in digital banking.
- Develop digital transformation roadmaps aligned with institutional goals.
- Define KPIs to measure the success of digital initiatives.
- Build practical strategies for digital adoption and change management.



The Program Flow

Day 1: Introduction to Digital Transformation in Banking and Finance

- Overview of digital transformation trends in the financial sector.
- Understanding how technology is changing banking operations, services, and competition.
- Key technologies driving change: AI, blockchain, cloud computing, and big data.
- The evolving regulatory landscape for digital financial services.
- Risks and opportunities in digital finance.
- Case studies of successful digital transformation in banking.
- Practical exercise: Assessing digital maturity in a financial institution.

Day 2: Innovative Business Models and Strategies

- Platform-based banking and open banking ecosystems.
- Understanding API-driven financial services and data-sharing models.
- Fintech partnerships and collaboration strategies.
- Digital-only banks and challenger banks.
- Data-driven decision-making and predictive analytics.
- Evaluating digital business models for growth, efficiency, and customer value.
- Workshop: Mapping digital business model opportunities for a banking or finance organization.

Day 3: Customer Experience and Personalization

- Omnichannel banking and seamless customer journeys.
- Designing digital experiences around customer needs and behavior.
- AI-powered chatbots and virtual assistants in customer service.
- Personalized financial products and services.
- Customer data analytics and insights.
- Building trust, convenience, and loyalty through digital channels.
- Practical exercise: Designing a customer-centric digital banking journey.

Day 4: Digital Payments and Blockchain Technology

- Evolution of digital payment systems.
- Mobile payments, instant payments, wallets, and payment gateways.
- Blockchain applications in banking and finance.
- Cryptocurrencies and central bank digital currencies.
- Smart contracts and decentralized finance.
- Opportunities, risks, and regulatory considerations in blockchain-based finance.
- Workshop: Evaluating a digital payment or blockchain use case.



Day 5: Implementation and Change Management

- Developing a digital transformation roadmap.
- Prioritizing digital initiatives based on value, feasibility, risk, and readiness.
- Change management strategies for digital initiatives.
- Cybersecurity and risk management in digital banking.
- Governance, compliance, and stakeholder alignment.
- Measuring success: KPIs for digital transformation.
- Final activity: Presenting a digital transformation roadmap for a financial institution.

Individual Impact

- Strengthen your understanding of digital transformation in banking and finance.
- Improve your ability to evaluate emerging technologies and digital business models.
- Build confidence in designing customer-focused digital services.
- Enhance awareness of digital finance risks, cybersecurity, and regulatory challenges.
- Develop practical skills for supporting digital transformation initiatives.
- Gain tools to communicate and implement digital strategies more effectively.

Work Impact

- Improve digital readiness and innovation capability within financial institutions.
- Strengthen customer experience through better digital channels and personalization.
- Support more informed technology adoption and investment decisions.
- Improve collaboration with fintech partners and digital ecosystem players.
- Reduce risks through stronger cybersecurity, compliance, and governance practices.
- Build a more agile, data-driven, and customer-centric banking organization.

Training Methodology

This program uses a practical and industry-focused approach to help participants apply digital transformation concepts in real banking and finance contexts. Learning methods include:

- Interactive discussions and guided facilitation.
- Banking and fintech digital transformation case studies.
- Digital maturity assessment exercises.
- Open banking and platform strategy workshops.
- Customer journey mapping and personalization activities.
- AI, blockchain, and digital payment use case analysis.
- Cybersecurity and regulatory risk scenarios.
- Roadmap development, peer feedback, and practical action planning.



Beyond the Course

Upon completion, participants will be prepared to contribute to digital transformation initiatives with greater confidence, structure, and industry awareness. They will return ready to:

- Develop a comprehensive digital transformation strategy for their organization.
- Evaluate and implement emerging technologies in banking operations.
- Enhance customer experience through digital channels and personalization.
- Navigate regulatory challenges and cybersecurity concerns in digital finance.
- Build practical digital transformation roadmaps and success measures.
- Support innovation, modernization, and long-term competitiveness in banking and finance.

