

AWS for Financial Services Modernization

Risk-aware migration, data governance, and AI-led customer insight

AWS | Financial Services

What you will gain

- â¢ Modernize core systems with regulated cloud playbooks
- â¢ Improve fraud and risk detection with AI-led analytics
- â¢ Enable secure data sharing across business units

The Learning Curve

Keep learning, keep growing.

Executive summary

Financial institutions need modernization without compromising regulatory requirements. The most effective leaders pair cloud adoption with rigorous governance and role-based enablement.

This playbook outlines the learning, security, and operational steps required to modernize at speed while maintaining compliance and trust.

Outcome focus

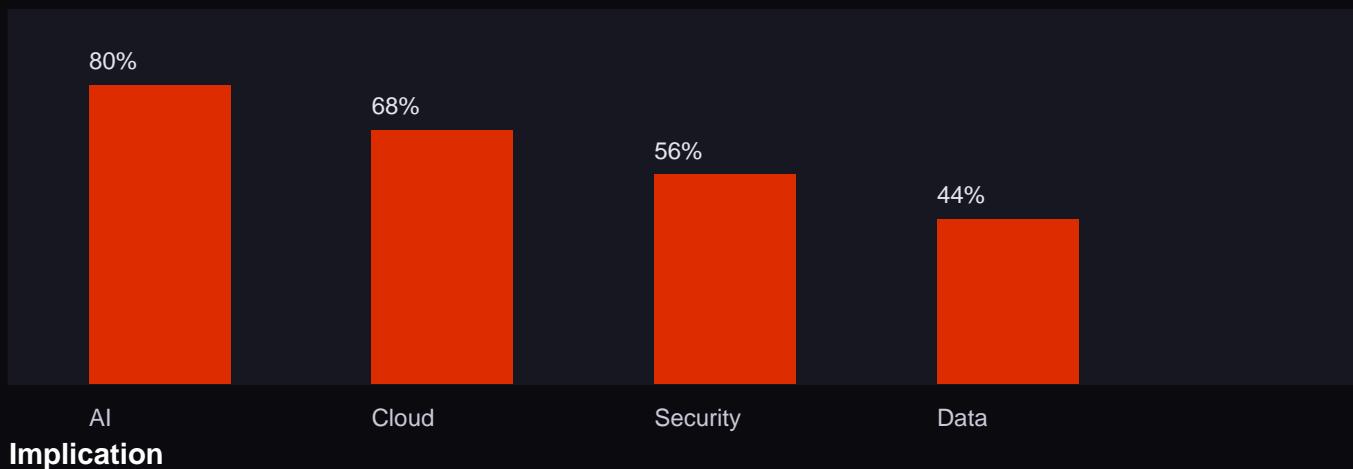
- â¢ Faster product release cycles
- â¢ Improved fraud detection and risk modeling
- â¢ Audit-ready cloud governance

Market signals

Enterprise learning leaders are investing in AI fluency, cloud modernization, and governance readiness. These signals frame the urgency and scale of adoption across industries.

- â¢ 60% â of workers require training by 2027
- â¢ 44% â of worker skills will be disrupted in the next five years
- â¢ 78% â of organizations use AI in at least one function
- â¢ 71% â of organizations use generative AI in at least one function
- â¢ \$675B â public cloud spend forecast in 2024
- â¢ \$4.88M â average cost of a data breach

Leadership teams need a measurable learning plan that balances speed, governance, and adoption across the enterprise.



Strategic use cases

We prioritize initiatives that deliver executive visibility, measurable value, and rapid adoption.

- â¢ Cloud-native data lake and analytics modernization
- â¢ Fraud detection and real-time risk scoring
- â¢ KYC automation and onboarding acceleration
- â¢ Regulatory reporting automation

Capability map

People

- â¢ Risk leaders
- â¢ Security architects
- â¢ Data engineering team

Process

- â¢ Regulatory controls
- â¢ Model risk governance
- â¢ Cloud migration sprints

Platform

- â¢ AWS security services
- â¢ AWS analytics
- â¢ ML foundations

Vendor accelerators

- â¢ Financial services landing zone
- â¢ AI risk scorecards
- â¢ Security control library

Learning pathway

A structured pathway ensures executives, leaders, and practitioners move in lockstep.

Phase 1: Governance

Risk assessment and cloud control alignment

Weeks 1-2

Phase 2: Build

AWS analytics + security labs

Weeks 3-6

Phase 3: Launch

Pilot models and production readiness

Weeks 7-12

Cohort design

Role-based tracks ensure that leaders, managers, and practitioners receive the right depth of enablement.

Executives

Risk-aware modernization strategy

- â¢ AWS executive briefing
- â¢ Regulatory readiness
- â¢ AI governance

Risk & compliance

Control mapping and audit readiness

- â¢ Cloud risk management
- â¢ Security controls
- â¢ Model risk management

Practitioners

Hands-on modernization delivery

- â¢ AWS data engineering
- â¢ Security automation
- â¢ ML practitioner labs

90-day activation plan

A focused 90-day plan connects strategy, learning, and deployment milestones.

Weeks 1-2: Assess

Risk baseline and priority workloads

Risk register, migration roadmap

Weeks 3-6: Enable

Cohort training and pilot build

Data platform pilot, compliance sign-off

Weeks 7-12: Scale

Launch use cases and measure impact

Fraud KPI dashboard, scale plan

KPI scorecard

Track adoption, performance, and business impact with a consistent scorecard.

- â¢ Fraud detection precision
- â¢ Customer onboarding time
- â¢ Audit readiness score
- â¢ Cloud cost-to-value ratio
- â¢ Model risk exception rate

Sources

- â¢ World Economic Forum, Future of Jobs 2023: <https://www.weforum.org/publications/the-future-of-jobs-report-2023/digest/>
- â¢ McKinsey, State of AI 2024: <https://www.mckinsey.com/capabilities/quantumblack/our-insights/the-state-of-ai>
- â¢ Gartner, Worldwide Public Cloud End-User Spending 2024-2025:
<https://www.gartner.com/en/newsroom/press-releases/2024-04-03-gartner-forecasts-worldwide-public-cloud-end-user-spending-to-reach-675-billion-in-2024>
- â¢ IBM, Cost of a Data Breach 2024: <https://www.ibm.com/reports/data-breach>
- â¢ PwC, 2025 AI Jobs Barometer: <https://www.pwc.com/gx/en/issues/artificial-intelligence/ai-jobs-barometer.html>

How The Learning Curve helps

The Learning Curve designs instructor-led programs that map directly to business outcomes. We blend vendor-authorized content with custom labs, coaching, and readiness metrics so your teams can adopt faster and scale safely.

Ready to build a tailored learning journey? Contact us at thelearningcurve.ai or visit thelearningcurve.ai.