

# AWS for Financial Services Modernization

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

AWS | Financial Services

## What you will gain

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

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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.

• 60% of workers require training by 2027

• 44% of worker skills will be disrupted in the next five years

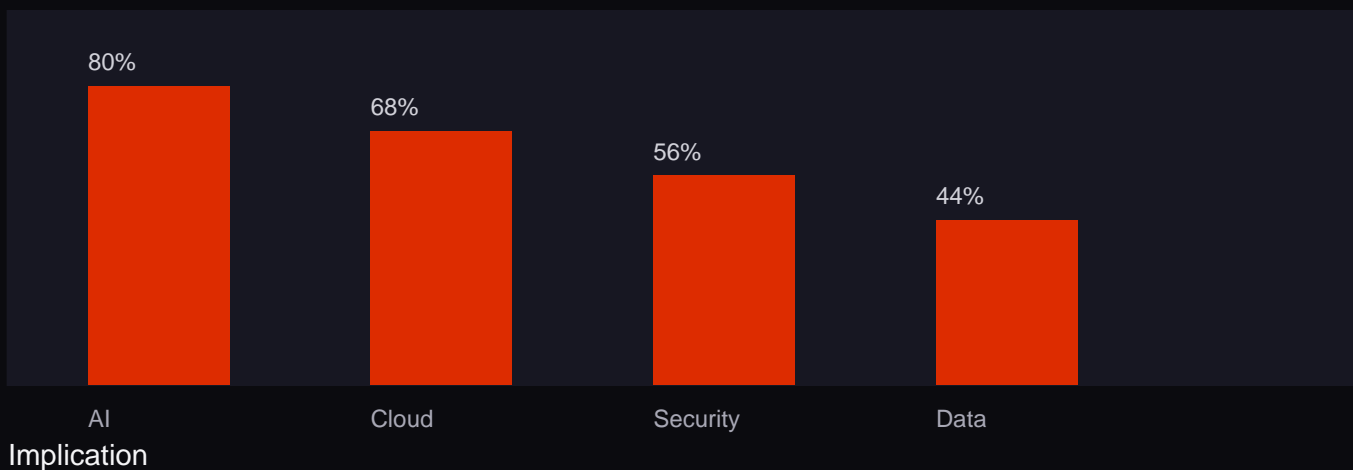
• 78% of organizations use AI in at least one function

• 71% of organizations use generative AI in at least one function

• \$675B public cloud spend forecast in 2024

• \$4.88M 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

- ⌘ Risk leaders
- ⌘ Security architects
- ⌘ Data engineering team

### Process

- ⌘ Regulatory controls
- ⌘ Model risk governance
- ⌘ Cloud migration sprints

### Platform

- ⌘ AWS security services
- ⌘ AWS analytics
- ⌘ ML foundations

## Vendor accelerators

- ⌘ Financial services landing zone
- ⌘ AI risk scorecards
- ⌘ 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

- AWS executive briefing
- Regulatory readiness
- AI governance

### Risk & compliance

Control mapping and audit readiness

- Cloud risk management
- Security controls
- Model risk management

### Practitioners

Hands-on modernization delivery

- AWS data engineering
- Security automation
- 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

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<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>

• IBM, Cost of a Data Breach 2024: <https://www.ibm.com/reports/data-breach>

• 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](mailto:thelearningcurve.ai) or visit [thelearningcurve.ai](https://thelearningcurve.ai).