

AWS Ramp-Up Guide: Financial Services Industry (FSI)

For business decision makers, developers, and cloud architects



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Learn the fundamentals of AWS Cloud

LEARNING RESOURCE	DURATION	TYPE
AWS Ramp-Up Guide: Cloud Practitioner	10 minutes	Ramp-up Guide »
Case Studies for Financial Services	10 minutes	Webpage »

Step 1: Security and compliance for financial services

LEARNING RESOURCE	DURATION	TYPE
AWS Compliance Center	10 minutes	Webpage »
Compliance Resources	15 minutes	Webpage »
AWS Compliance Solutions Guide	15 minutes	Webpage »
How Banks Can Use AWS to Meet Compliance	20 minutes	Blogpost »
Payment Card Industry Data Security Standard (PCI DSS) 3.2.1 on AWS	30 minutes	Whitepaper »
Getting Started with AWS Security, Identity, and Compliance	3 hours	Digital Training »
Introduction to AWS Artifact	10 minutes	Digital Training »
Introduction to Amazon CloudFront	10 minutes	Digital Training »
Introduction to Amazon API Gateway	10 minutes	Digital Training »
AWS Lambda Foundations	60 minutes	Digital Training »

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Step 2: Data lakes and analytics for financial services

LEARNING RESOURCE	DURATION	TYPE
AWS Data Lakes and Analytics for Financial Services	20 minutes	Webpage »
Data Analytics Fundamentals	3.5 hours	Digital Training »
Introduction to Amazon Elastic MapReduce (EMR)	15 minutes	Digital Training »
Introduction to Amazon Kinesis Analytics	10 minutes	Digital Training »
Introduction to Amazon Kinesis Streams	15 minutes	Digital Training »
Amazon Simple Storage Service - Closer look - Part 1	20 minutes	Digital Training »
Amazon Simple Storage Service - Closer look - Part 2	20 minutes	Digital Training »
Introduction to Amazon Athena	10 minutes	Digital Training »
Amazon Redshift Service Primer	20 minutes	Digital Training »
Introduction to Amazon Quicksight	10 minutes	Digital Training »

Step 3: Artificial intelligence & machine learning (AI/ML) for financial services

LEARNING RESOURCE	DURATION	TYPE
Fraud Detection Using Machine Learning	10 minutes	Webpage »
Machine Learning Best Practices in Financial Services	45 minutes	Whitepaper »
Build a Text Classification Model with AWS Glue and Amazon SageMaker	40 minutes	Digital Training »
Anomaly Detection on AWS	25 minutes	Digital Training »
SageMaker Demo for FSI	60 minutes	Video
Introduction to Amazon SageMaker	10 minutes	Digital Training »
AWS Foundations: How Amazon SageMaker Can Help	30 minutes	Digital Training »

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Step 3 continued: Artificial intelligence & machine learning (AI/ML) for financial services

LEARNING RESOURCE	DURATION	TYPE
Introduction to Amazon Comprehend	10 minutes	Digital Training »
Introduction to Amazon Rekognition	10 minutes	Digital Training »
Introduction to Amazon Personalize	10 minutes	Digital Training »
Introduction to Amazon Transcribe	10 minutes	Digital Training »
Twitch Series: AWS Power Hour Machine Learning	8 hours	Video »

Step 4: Grid computing for financial services

LEARNING RESOURCE	DURATION	TYPE
Grid computing at scale for Financial Services	20 minutes	Whitepaper »
Introduction to Amazon Elastic Compute Cloud (EC2)	10 minutes	Digital Training »
Introduction to EC2 Auto Scaling	10 minutes	Digital Training »
Introduction to Amazon Elastic Block Store (EBS)	10 minutes	Digital Training »
Introduction to AWS Fargate	10 minutes	Digital Training »
Introduction to Amazon Elastic MapReduce (EMR)	15 minutes	Digital Training »
Introduction to Amazon Elastic Container Service	10 minutes	Digital Training »
Amazon RDS Service Primer	20 minutes	Digital Training »
Introduction to AWS CloudTrail	10 minutes	Digital Training »
Introduction to Amazon CloudWatch	10 minutes	Digital Training »

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Step 4 continued: Grid computing for financial services

LEARNING RESOURCE	DURATION	TYPE
Introduction to AWS Config	10 minutes	Digital Training »
AWS Lambda Foundations	60 minutes	Digital Training »
Introduction to Amazon FSx for Lustre	10 minutes	Digital Training »

Dive deeper into FSI by exploring these webpages, blog posts, and whitepapers

LEARNING RESOURCE	DURATION	TYPE
Architecting Amazon EKS for PCI DSS Compliance	30 minutes	Whitepaper »
Payment Card Industry Data Security Standard (PCI DSS)3.2.1on AWS	30 minutes	Whitepaper »
AWS named Company of the Year, Global Cloud-based Data Solutions for the Financial Services Industry	20 minutes	Whitepaper »
Applying AI/ML to Protect Your Customers and Your Business	30 minutes	Webinar »
Amazon Web Services' Approach to Operational Resilience in the Financial Sector & Beyond	30 minutes	Whitepaper »
Five Ways for Financial Institutions to Manage Cloud Costs	45 minutes	Webinar »
Securing your AWS Cloud environment from ransomware	45 minutes	Whitepaper »
How to Run What-if Scenarios for Trading Strategies with Amazon FinSpace	20 minutes	Blogpost »
Service Spotlight for Financial Services: Featuring Amazon SageMaker Notebook Instances	20 minutes	Blogpost »
Internal Revenue Service Publication 1075 Compliance in AWS	30 minutes	Whitepaper »
Financial Services Industry Lens - AWS Well-Architected Framework	30 minutes	Whitepaper »

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AWS FAQs	Find answers to common Product and Technical frequently asked questions.	Explore »
AWS Hands-On Tutorials	Get started with 10-minute, step-by-step tutorials to launch your first application.	Explore »
AWS Solutions Library	Technical reference implementations designed to help you solve common problems and build faster.	Explore »
AWS YouTube Channel	Explore a wide variety of AWS topics by watching videos created by AWS experts across the world.	Explore »

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