



AWS Ramp-Up Guide: Financial Services

For healthcare business leaders, technical leaders, developers, and compliance officers

These are the most salient learning resources from our classrooms, digital curricula, video library, and AWS Lab Environment, that relate to the financial services industry. This guide is not intended to be consumed entirely. Different sections tackle different objectives. Some resources will be less relevant to you today. The guide will help you decide where you want to start your learning journey, and which step should be your next.

Share [your opinion](#) of this Ramp-Up Guide with us!

Fundamentals

Learning Resource	Duration (hrs)	Type
AWS Cloud Practitioner Essentials	6.0	Digital Training
Job Roles in the Cloud	0.5	Digital Training
Getting Started with AWS Security, Identity, and Compliance	3.0	Digital Training
Introduction to AWS Artifact	0.2	Digital Training
Introduction to Amazon CloudFront	0.2	Digital Training
Introduction to Amazon API Gateway	0.2	Digital Training
AWS Lambda Foundations	1.0	Digital Training

Data Analytics

Learning Resource	Duration (hrs)	Type
Data Analytics Fundamentals	3.5	Digital Training
Introduction to Amazon Elastic MapReduce (EMR)	0.3	Digital Training
Introduction to Amazon Kinesis Analytics	0.2	Digital Training
Introduction to Amazon Kinesis Streams	0.3	Digital Training
Getting Started with Amazon ElastiCache	1.0	Digital Training
Introduction to Amazon Athena	0.2	Digital Training
Amazon Redshift Service Primer	0.3	Digital Training
Introduction to Amazon Quicksight	0.2	Digital Training

Artificial Intelligence & Machine Learning

Learning Resource	Duration (hrs)	Type
Introduction to Amazon SageMaker	0.2	Digital Training



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AWS Foundations: How Amazon SageMaker Can Help	0.5	Digital Training
Getting Started with Amazon Comprehend	1.5	Digital Training
Introduction to Amazon Rekognition	0.2	Digital Training
Introduction to Amazon Transcribe	0.2	Digital Training

Grid Computing

Learning Resource	Duration (hrs)	Type
Introduction to Amazon Elastic Compute Cloud (EC2)	0.2	Digital Training
Introduction to EC2 Auto Scaling	0.2	Digital Training
Introduction to Amazon Elastic MapReduce (EMR)	0.3	Digital Training
Introduction to Amazon Elastic Container Service	0.2	Digital Training
Amazon RDS Service Primer	0.3	Digital Training
Introduction to AWS Fargate	0.2	Digital Training
Introduction to AWS CloudTrail	0.2	Digital Training
Introduction to Amazon CloudWatch	0.2	Digital Training
Introduction to AWS Config	0.2	Digital Training
AWS Lambda Foundations	1.0	Digital Training
Introduction to Amazon FSx for Lustre	0.2	Digital Training

Game-based Learning

Learning Resource	Duration (hrs)	Type
\$ AWS Industry Quest: Financial Services	12+	Game-based Learning

Additional Resources

Learning Resource	Type
Case Studies for Financial Services	Webpage
AWS Pricing	Webpage
How AWS Pricing Works	Whitepaper
AWS Data Lakes and Analytics for Financial Services	Webpage
Fraud Detection Using Machine Learning	Webpage



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Machine Learning Best Practices in Financial Services	Whitepaper
SageMaker Demo for FSI	Video
Twitch Series: AWS Power Hour Machine Learning	Video
Grid computing at scale for Financial Services	Whitepaper
Applying AI/ML to Protect Your Customers and Your Business	Webinar
Amazon Web Services' Approach to Operational Resilience in the Financial Sector & Beyond	Whitepaper
Five Ways for Financial Institutions to Manage Cloud Costs	Webinar
Securing your AWS Cloud environment from ransomware	Whitepaper
How to Run What-if Scenarios for Trading Strategies with Amazon FinSpace	Blogpost
Service Spotlight for Financial Services: Featuring Amazon SageMaker Notebook Instances	Blogpost
Internal Revenue Service Publication 1075 Compliance in AWS	Whitepaper
Financial Services Industry Lens - AWS Well-Architected Framework	Whitepaper