

1

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 healthcare 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!

arning Resource			Туре
AWS Cloud Practitioner Essentials <i>or</i>	Fundamental	6.0	Digital Training
AWS Cloud Fractitioner Essentials of AWS Technical Essentials (for IT Professionals)	Fundamental	4.0	Digital Training
AWS Cloud Economics for Healthcare	Fundamental	1.3	Digital Training
AWS Compute Services Overview	Fundamental	0.7	Digital Training
Introduction to EC2 Auto Scaling	Fundamental	0.2	Digital Training
Introduction to Cloud for Clinicians	Fundamental	0.5	Digital Training
ta & Analytics for Healthcare			
arning Resource		Duration (hrs)	Туре
Fundamentals of Analytics on AWS – Part 1	Fundamental	2.0	Digital Training
Fundamentals of Analytics on AWS – Part 2	Fundamental	1.5	Digital Training
Introduction to Amazon Athena	Fundamental	0.2	Digital Training
Getting Started with Amazon Redshift	Fundamental	1.0	Digital Training
Getting Started with AWS Glue	Fundamental	1.0	Digital Training
ompliance and Governance for Healthcare			
arning Resource		Duration (hrs)	Туре
Intro to Healthcare and Life Sciences Compliance on AWS	Fundamental	0.3	Digital Training
Getting Started with AWS Config	Fundamental	1.5	Digital Training
me-based Learning			
arning Resource		Duration (hrs)	Туре
AWS Industry Quest: Healthcare		12+	Game-based Learning
ditional Resources			
arning Resource			Туре
General Healthcare Systems			



2

AWS Ramp-Up Guide: Healthcare

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Medical research solutions	<u>Website</u>
Finance and operations solutions	<u>Website</u>
Core health IT solutions	<u>Website</u>
Medical Imaging on AWS	<u>Website</u>
Accelerating Innovation in Healthcare	<u>Whitepaper</u>
AWS Ramp-Up Guide: Electronics Health Records (EHR) on AWS for Healthcare	<u>Guide</u>
Simplify Prior Authorization in Healthcare with AWS and HL7 FHIR	Blog
Automate prior authorization form filling using Amazon HealthLake	Blog
Data & Analytics for Healthcare	
Making sense of your health data with Amazon HealthLake	<u>Blog</u>
Amazon HealthLake: Integrating disparate clinical data with purpose-	M/ entrela entre
built health AI services	<u>Workshop</u>
Health datasets	<u>Website</u>
AI/ML for Healthcare	
Generative AI In Action: Real world use cases	Digital Training
Generative AI Ramp up Guide	Ramp-Up Guide
Machine Learning Best Practices in Healthcare and Life Sciences	<u>Whitepaper</u>
Analytics and AI/ML solutions	<u>Website</u>
AI-Powered Health Data Masking	Solution
How to process medical text in multiple languages using Amazon Translate and Amazon Comprehend Medical	Blog
Flagging suspicious healthcare claims with Amazon SageMaker	Blog
Build patient outcome prediction applications using Amazon HealthLake and Amazon SageMaker	<u>Blog</u>
Brain tumor segmentation at scale using AWS Inferentia	<u>Blog</u>
Compliance & Governance for Healthcare	
Healthcare Compliance in the Cloud	<u>Website</u>
Compliance Resources	Website
AWS Compliance Solutions Guide	<u>Website</u>
Best Practices for Security, Identity, & Compliance	Whitepaper
Architecting for HIPAA Security and Compliance on Amazon Web Services	Website
HIPAA Eligible Services Reference	Reference
Navigating HCLS Regulatory Compliance Requirements on AWS	Whitepaper
HIPAA Reference Architecture on AWS	Solution
Operational Best Practices for HIPAA Security	Website
Frequently Asked Questions About HIPAA Compliance in the AWS Cloud - Part 1	Blog
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Frequently Asked Questions About HIPAA Compliance in the AWS Cloud - Part 2	<u>Blog</u>
Amazon Web Services: Risk and compliance	<u>Whitepaper</u>
Management and Governance Cloud Environment Guide	Website
How to protect sensitive data for its entire lifecycle in AWS	<u>Blog</u>
How to Monitor, Alert and Remediate Non-Compliant HIPAA Findings on AWS	<u>Blog</u>
Using AWS in the Context of NHS Cloud Security Guidance	<u>Whitepaper</u>

Additional Resources

AWS Well-Architected Framework: Healthcare Industry Lens

Whitepaper