

AWS Ramp-Up Guide: Data Analytics

For Developers and Data Engineers

Updated March 2021

AWS Training and Certification has created this and other **AWS Ramp-Up Guides** to help build your knowledge of the AWS Cloud. Each expertly curated guide features free digital training, classroom courses, videos, whitepapers, certifications, and other information you're looking for. To enroll in training and certification exams, and track your progress, visit aws.training and set up a free account.

Learn the fundamentals of AWS Cloud		
LEARNING RESOURCE	DURATION	TYPE
What is Cloud Computing?	10 minutes	Webpage »
Overview of AWS	2 hours	Whitepaper »
<i>AWS Cloud Practitioner Essentials</i>	6 hours	Digital Training » Classroom Training »
Cloud Computing with AWS	10 minutes	Webpage »
AWS Glossary	30 minutes	Whitepaper »
<i>Job Roles in the Cloud</i>	30 minutes	Digital Training »

Step 1: Learn AWS Data Analytics service fundamentals		
LEARNING RESOURCE	DURATION	TYPE
AWS Data Lakes and Analytics	15 minutes	Webpage »
<i>AWS Analytics Services Overview</i>	5 minutes	Digital Training »
<i>Introduction to Amazon Kinesis Streams</i>	10 minutes	Digital Training »
<i>Introduction to Amazon Kinesis Firehose</i>	10 minutes	Digital Training »
<i>Introduction to Amazon Kinesis Analytics</i>	10 minutes	Digital Training »
<i>Introduction to Amazon Elastic MapReduce (EMR)</i>	15 minutes	Digital Training »

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Step 1: Learn AWS Data Analytics service fundamentals

LEARNING RESOURCE	DURATION	TYPE
<i>Introduction to Amazon Athena</i>	10 minutes	Digital Training »
<i>Introduction to Amazon QuickSight</i>	10 minutes	Digital Training »
<i>Visualizing with QuickSight</i>	35 minutes	Digital Training »
<i>Introduction to AWS IoT Analytics</i>	30 minutes	Digital Training »

Step 2: Learn AWS Data Analytics Cloud concepts and best practices

LEARNING RESOURCE	DURATION	TYPE
<i>Data Analytics Fundamentals</i>	3.5 hours	Digital Training »
Big Data Analytics Options on AWS	1 hour	Whitepaper »
<i>Building Data Lakes on AWS</i>	1 day	Classroom Training »
<i>Big Data on AWS</i>	3 days	Classroom Training »
<i>Data Warehousing on AWS</i>	3 days	Classroom Training »
<i>Deep Dive into Concepts and Tools for Analyzing Streaming Data</i>	35 minutes	Digital Training »
Amazon EMR Migration Guide: Move Apache Spark and Hadoop to AWS	1 hour	Whitepaper »
<i>Best Practices for Data Warehousing with Amazon Redshift</i>	30 minutes	Digital Training »
<i>Serverless Analytics</i>	25 minutes	Digital Training »
<i>Why Analytics for Games</i>	1 hour	Digital Training »

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Step 3: Prepare for and take the AWS Certified Data Analytics – Specialty Certification Exam

LEARNING RESOURCE	DURATION	TYPE
<i>Exam Readiness: AWS Certified Data Analytics – Specialty</i>	3.5 hours 1 day	Digital Training » Classroom Training »
AWS Certified Data Analytics – Specialty Prep Materials	1 hour 4 hours	Exam Guide » Sample Questions »
AWS Certified Data Analytics – Specialty Practice exam	4 hours	Practice Exam »
AWS Certified Data Analytics – Specialty Certification Exam	3 hours	Certification Exam »

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Explore additional resources		
LEARNING RESOURCE	DESCRIPTION	
Learning Library	Continue to learn by exploring our extensive portfolio of free digital training and classroom training. Filter according to your preferences, or find a specific course using the “Search” box.	Explore »
AWS Whitepapers & Guides	Explore technical whitepapers, technical guides, reference material, and reference architecture diagrams, all authored by AWS and the AWS community.	Explore »
AWS User Group	Join and connect with AWS users all over the world to share ideas and learn.	Explore »
AWS Events & Webinars	Connect with, collaborate with, and learn from AWS experts.	Explore »
AWS Podcast	Listen and learn about AWS.	Explore »
AWS Blog	Read about the latest launches from AWS Technical Evangelist Jeff Barr and others.	Explore »
AWS Documentation	Search for AWS service guides, API references, tutorials, projects, SDKs, and toolkits.	Explore »
AWS Knowledge Center	Review AWS Support’s responses to AWS customers’ most frequently asked questions.	Explore »
AWS FAQs	Find answers to product- and technical-related 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	Use vetted, 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 »

For a training plan customized for your requirements,
contact your AWS Account Manager or contact us [here](#)

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