

# AWS Ramp-Up Guide: Data Analytics

## For Developers and Data Engineers



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.

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

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

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## Step 1: Learn AWS Data Analytics service fundamentals

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

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

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

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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	<a href="#">Digital Training »</a> <a href="#">Classroom Training »</a>
AWS Certified Data Analytics – Specialty Prep Materials	1 hour 4 hours	<a href="#">Exam Guide »</a> <a href="#">Sample Questions »</a>
AWS Certified Data Analytics – Specialty Practice exam	4 hours	<a href="#">Practice Exam »</a>
AWS Certified Data Analytics – Specialty Certification Exam	3 hours	<a href="#">Certification Exam »</a>

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AWS Whitepapers & Guides	Explore technical whitepapers, technical guides, reference material, and reference architecture diagrams, all authored by AWS and the AWS community.	<a href="#">Explore »</a>
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AWS Events & Webinars	Connect with, collaborate with, and learn from AWS experts.	<a href="#">Explore »</a>
AWS Podcast	Listen and learn about AWS.	<a href="#">Explore »</a>
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AWS Documentation	Search for AWS service guides, API references, tutorials, projects, SDKs, and toolkits.	<a href="#">Explore »</a>
AWS Knowledge Center	Review AWS Support’s responses to AWS customers’ most frequently asked questions.	<a href="#">Explore »</a>
AWS FAQs	Find answers to product- and technical-related frequently asked questions.	<a href="#">Explore »</a>
AWS Hands-On Tutorials	Get started with 10-minute, step-by-step tutorials to launch your first application.	<a href="#">Explore »</a>
AWS Solutions Library	Use vetted, technical reference implementations designed to help you solve common problems and build faster.	<a href="#">Explore »</a>
AWS YouTube Channel	Explore a wide variety of AWS topics by watching videos created by AWS experts across the world.	<a href="#">Explore »</a>

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