



# AWS Ramp-Up Guide: Data Analytics

For AWS Cloud architects, solutions architects, and engineers

These are the most salient learning resources from our classrooms, digital curricula, video library, and AWS Lab Environment, that relate to the Data Analytics domain. This Ramp-Up 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!

Learn the Fundamentals of the AWS Cloud		
Learning Resource		Type
AWS Ramp-Up Guide: Cloud Essentials		<a href="#">Ramp-Up Guide</a>

  

Data Analytics Service Fundamentals		
Learning Resource	Duration (hrs)	Type
Introduction to Amazon Kinesis Analytics	0.2	<a href="#">Digital Training</a>
Getting Started with Amazon EMR	1.0	<a href="#">Digital Training</a>
Getting Started with AWS Glue	1.0	<a href="#">Digital Training</a>
Introduction to Amazon Athena	0.2	<a href="#">Digital Training</a>
Introduction to Amazon QuickSight	0.3	<a href="#">Digital Training</a>
Visualizing with QuickSight	4.0	<a href="#">Digital Training</a>
Introduction to AWS IoT Analytics	0.5	<a href="#">Digital Training</a>
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Learning AWS Data Analytics Cloud Concepts, & Best Practices		
Learning Resource	Duration (hrs)	Type
Data Analytics Fundamentals	3.5	<a href="#">Digital Training</a>
\$ Analyze Big Data with Hadoop	1.0	<a href="#">Self-paced Lab</a>
\$ Exploring Google Ngrams with Amazon EMR and Hive	1.2	<a href="#">Self-paced Lab</a>
AWS Hadoop Fundamentals	1.5	<a href="#">Digital Training</a>
\$ Building Data Lakes on AWS	6.0	<a href="#">Classroom Training</a>
\$ Building Batch Data Analytics Solutions on AWS	6.0	<a href="#">Classroom Training</a>
Getting Started with Amazon Redshift	1.0	<a href="#">Digital Training</a>
\$ Introduction to Amazon Redshift	1.3	<a href="#">Self-paced Lab</a>



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\$	Building Data Analytics Solutions using Amazon Redshift	6.0	<a href="#">Classroom Training</a>
\$	Data Warehousing on AWS	18.0	<a href="#">Classroom Training</a>
	Deep Dive into Concepts and Tools for Analyzing Streaming Data	0.6	<a href="#">Digital Training</a>
	Introduction to Amazon Kinesis Data Analytics for Java Applications	0.3	<a href="#">Digital Training</a>
\$	Building Streaming Data Analytics Solutions on AWS ...or...	6.0	<a href="#">Classroom Training</a>
\$	Building Streaming Data Analytics Solutions on AWS (Digital ILT)	6.0	<a href="#">Digital Classroom Training</a>
\$	Building Search into your Applications with Amazon CloudSearch	2.0	<a href="#">Self-paced Lab</a>
	Serverless Analytics	0.4	<a href="#">Digital Training</a>
	Why Analytics for Games?	1.0	<a href="#">Digital Training</a>
\$	Building BI Dashboards with Amazon QuickSight	1.3	<a href="#">Self-paced Lab</a>
	Getting Started with Amazon OpenSearch Service	1.0	<a href="#">Digital Training</a>
\$	Cloud Quest - Data Analytics Roles	12+	<a href="#">Game-based Learning</a>
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## AWS Certified Data Engineer - Associate

Learning Resource	Duration (hrs)	Type
Prepare for the Exam		<a href="#">Web page</a>
AWS Certified Data Engineer - Associate (DEA-C01) Exam Guide		<a href="#">Exam Guide</a>
Exam Prep Official Practice Question Set	0.5	<a href="#">Practice Questions</a>
A Day in the Life of a Data Engineer	1.0	<a href="#">Self-paced Lab</a>

## With Our Training Partners

Learning Resource	Duration (hrs)	Type
\$ Getting Started with Data Analytics on AWS	3.0	<a href="#">Coursera Digital Training</a>
\$ Getting Started with Data Analytics on AWS	3.0	<a href="#">edX Digital Training</a>

## Additional Resources

Learning Resource	Type
Let's Ship It – with AWS! Data Analytics	<a href="#">On-demand Broadcast</a>
AWS Power Hour: Data Analytics – Specialty (Exam Prep)	<a href="#">On-demand Broadcast</a>
AWS Data Lakes and Analytics	<a href="#">Webpage</a>



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Architecture Best Practices for Analytics & Big Data

[Explore](#)

Big Data Analytics Options on AWS

[Whitepaper](#)