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			Ramp-Up Guide

Data Analytics Service Fundamentals			
Learning Resource		**Duration (*hrs*)**	**Type**
Getting Started with Amazon EMR	Fundamental	1.0	Digital Training
Getting Started with AWS Glue	Fundamental	1.0	Digital Training
Introduction to Amazon Athena	Fundamental	0.2	Digital Training
Introduction to Amazon QuickSight	Fundamental	0.3	Digital Training

Learning AWS Data Analytics Cloud Concepts, & Best Practices			
Learning Resource		**Duration (*hrs*)**	**Type**
$ Analyze Big Data with Hadoop	Fundamental	1.0	Self-paced Lab
$ Exploring Google Ngrams with Amazon EMR and Hive	Advanced	1.2	Self-paced Lab
$ Building Data Lakes on AWS	Intermediate	6.0	Classroom Training
$ Building Batch Data Analytics Solutions on AWS	Intermediate	6.0	Classroom Training
Getting Started with Amazon Redshift	Fundamental	1.0	Digital Training
$ Introduction to Amazon Redshift	Fundamental	1.3	Self-paced Lab
$ Building Data Analytics Solutions using Amazon Redshift	Intermediate	6.0	Classroom Training
$ Data Warehousing on AWS	Intermediate	18.0	Classroom Training
$ Building Streaming Data Analytics Solutions on AWS ***...or...***	Intermediate	6.0	Classroom Training
$ Building Streaming Data Analytics Solutions on AWS (Digital ILT)	Intermediate	6.0	Digital Classroom Training
$ Building Search into your Applications with Amazon CloudSearch	Intermediate	2.0	Self-paced Lab
Serverless Analytics	Fundamental	0.4	Digital Training

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	Learning Resource		Duration (*hrs*)	Type
$	Building BI Dashboards with Amazon QuickSight	Fundamental	1.3	[Self-paced Lab](#)
	Getting Started with Amazon OpenSearch Service	Fundamental	1.0	[Digital Training](#)
$	Cloud Quest - Data Analytics Roles		12+	[Game-based Learning](#)
	A Day in the Life of a Data Engineer	Intermediate	1.0	[Self-paced Lab](#)

With Our Training Partners

	Learning Resource		Duration (*hrs*)	Type
$	Getting Started with Data Analytics on AWS		3.0	[Coursera Digital Training](#)
$	Getting Started with Data Analytics on AWS		3.0	[edX Digital Training](#)

AWS Certified Data Engineer - Associate

	Learning Resource		Duration (*hrs*)	Type
	Prepare for the Exam			[Web page](#)
	AWS Certified Data Engineer - Associate (DEA-C01) Exam Guide			[Exam Guide](#)
	Exam Prep Official Practice Question Set			[Practice Questions](#)

Additional Resources

	Learning Resource			Type
	Let's Ship It – with AWS! Data Analytics			[On-demand Broadcast](#)
	AWS Power Hour: Data Analytics – Specialty (Exam Prep)			[On-demand Broadcast](#)
	AWS Data Lakes and Analytics			[Webpage](#)
	Architecture Best Practices for Analytics & Big Data			[Webpage](#)
	Big Data Analytics Options on AWS			[Whitepaper](#)

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