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**
Introduction to Amazon Kinesis Analytics	0.2	Digital Training
Getting Started with Amazon EMR	1.0	Digital Training
Getting Started with AWS Glue	1.0	Digital Training
Introduction to Amazon Athena	0.2	Digital Training
Introduction to Amazon QuickSight	0.3	Digital Training
Visualizing with QuickSight	4.0	Digital Training
Introduction to AWS IoT Analytics	0.5	Digital Training

Learning AWS Data Analytics Cloud Concepts, & Best Practices		
Learning Resource	**Duration (*hrs*)**	**Type**
Data Analytics Fundamentals	3.5	Digital Training
$ Analyze Big Data with Hadoop	1.0	Self-paced Lab
$ Exploring Google Ngrams with Amazon EMR and Hive	1.2	Self-paced Lab
AWS Hadoop Fundamentals	1.5	Digital Training
$ Building Data Lakes on AWS	6.0	Classroom Training
$ Building Batch Data Analytics Solutions on AWS	6.0	Classroom Training
Getting Started with Amazon Redshift	1.0	Digital Training
$ Introduction to Amazon Redshift	1.3	Self-paced Lab

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

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	0.5	Practice Questions
A Day in the Life of a Data Engineer	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

Additional Resources

Learning Resource		Type
AWS Data Lakes and Analytics		Webpage
Architecture Best Practices for Analytics & Big Data		Explore
Big Data Analytics Options on AWS		Whitepaper

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