



AWS Ramp-Up Guide: AWS Databases

For data engineers, architects, developers, and operations engineers

These are the most salient learning resources from our classrooms, digital curricula, video library, and AWS Lab Environment, that relate to AWS Database 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

AWS Database Fundamentals			
Learning Resource		Duration (hrs)	Type
AWS Database Offerings	Fundamental	4.0	Digital Training
Introduction to Building with AWS Databases	Fundamental	3.0	Digital Training
\$ Planning and Designing Databases on AWS	Intermediate	18.0	Classroom Training
\$ Planning and Designing Databases on AWS	Intermediate	18.0	Digital Classroom Training

Amazon NoSQL Services			
Amazon DynamoDB			
Learning Resource		Duration (hrs)	Type
Amazon DynamoDB Service Primer	Fundamental	0.3	Digital Training
Amazon DynamoDB for Serverless Architectures	Fundamental	2.0	Digital Training
Amazon DynamoDB - Data Modeling Techniques	Intermediate	1.0	Digital Training
\$ Building with Amazon DynamoDB Tables	Intermediate	1.0	Self-paced Lab
Developing with Amazon DynamoDB	Intermediate	16.0	Digital Training
Amazon DynamoDB - Troubleshooting	Fundamental	0.8	Digital Training
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Amazon DocumentDB			
Learning Resource		Duration (hrs)	Type
Getting Started with Amazon DocumentDB (with MongoDB compatibility)	Fundamental	1.0	Digital Training



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Build With Amazon DocumentDB (with MongoDB compatibility)	Intermediate	1.0	Digital Training
Data Modeling for Amazon DocumentDB	Intermediate	1.0	Digital Training
Performance Tuning on Amazon DocumentDB	Advanced	1.0	Digital Training
\$ Building with Amazon DocumentDB Databases	Intermediate	1.0	Self-paced Lab

AWS In-Memory Databases

Learning Resource		Duration (hrs)	Type
Getting Started with Amazon ElastiCache	Fundamental	2.0	Digital Training
Data Modeling for Amazon ElasticCache for Redis	Intermediate	0.8	Digital Training
Getting Started with Amazon MemoryDB for Redis	Fundamental	1.0	Digital Training
Build with Amazon MemoryDB for Redis	Intermediate	1.0	Digital Training

Amazon Neptune

Learning Resource		Duration (hrs)	Type
Getting Started with Amazon Neptune	Fundamental	2.0	Digital Training
Data Modeling for Amazon Neptune	Intermediate	1.0	Digital Training
Build with Amazon Neptune	Intermediate	1.0	Digital Training
\$ Lab - Data Modeling for Amazon Neptune	Intermediate	1.0	Self-paced lab
\$ Lab - Amazon Neptune Query Tuning (Gremlin)	Intermediate	1.5	Self-paced lab

Amazon Keyspaces

Learning Resource		Duration (hrs)	Type
Getting Started with Amazon Keyspaces	Fundamental	1.0	Digital Training

Amazon Timestream

Learning Resource		Duration (hrs)	Type
Getting Started with Amazon Timestream	Fundamental	1.0	Digital Training
Amazon Timestream - Data Modeling Techniques	Intermediate	1.0	Digital Training

Amazon QLDB



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Learning Resource		Duration (hrs)	Type
Amazon Quantum Ledger Database (QLDB) Service Primer	Fundamental	0.3	Digital Training

AWS Relational Database Services

Learning Resource		Duration (hrs)	Type
Amazon RDS Service Primer	Fundamental	0.3	Digital Training
Amazon Aurora Service Primer	Fundamental	0.3	Digital Training
Amazon Aurora PostgreSQL and Amazon RDS PostgreSQL	Fundamental	7.0	Digital Training
Amazon Aurora MySQL and Amazon RDS MySQL	Intermediate	8.0	Digital Training
Getting Started with Amazon RDS for MariaDB	Fundamental	1.0	Digital Training
\$ Introduction to Amazon Relational Database Service (RDS) (Windows)	Fundamental	1.0	Self-paced Lab
\$ Introduction to Amazon Aurora	Fundamental	1.0	Self-paced Lab
\$ Building with Amazon Aurora	Intermediate	1.0	Self-paced Lab
Amazon Relational Database Service (Amazon RDS) for PostgreSQL - Troubleshooting	Advanced	1.0	Digital Training
Amazon Aurora MySQL - Migration	Fundamental	0.3	Digital Training
AWS Jam Journey: Database		3+	Game-based Learning

AWS Database Migrations

Learning Resource		Duration (hrs)	Type
Migrating to AWS: A high level introduction	Fundamental	0.7	Digital Training
Introduction to Database Migration	Fundamental	0.8	Digital Training
\$ Introduction to AWS Database Migration Service	Fundamental	1.5	Self-paced Lab

With Our Training Partners

Learning Resource		Duration (hrs)	Type
\$ Amazon DynamoDB: Building NoSQL Database-Driven Applications	Intermediate	8	edX Digital Training

Additional Resources

Learning Resource			Type
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Databases on AWS	Webpage
AWS Databases – the right tool, for the right job	Infographic
Architecture Best Practices for Databases	Explore
AWS Database Blog	Blog
Enter the Purpose-Built Database Era	E-Book
Amazon Relational Database Service (Amazon RDS)	Documentation
Amazon ElastiCache	Documentation
Amazon DocumentDB	Documentation
Amazon DynamoDB	Documentation
Amazon Keyspaces (for Apache Cassandra) Documentation	Documentation
Amazon Neptune	Documentation
Amazon Quantum Ledger Database (QLDB)	Documentation
Amazon Redshift	Documentation
Migrating Your Self-Managed MongoDB Databases to AWS with Amazon DocumentDB	Webpage