# Quick-labs

## Storage & DB

Using Open Data with Amazon S3

Serverless Web Apps using Amazon DynamoDB – Part 1, Part 2, Part 3

Working with Amazon EBS

Introduction to Amazon ElastiCache

Working with Amazon ElastiCache for Redis

Caching Static Files with Amazon CloudFront

Streaming Dynamic Content using Amazon CloudFront

Working with Amazon CloudFront for Dynamic Content Acceleration

Hosting Wordpress using Amazon S3

Building a Media Sharing Website – Part 1: Media Upload

Using Amazon RDS for Applications

## Utilities

Introduction to AWS Identity and Access Management

Introduction to AWS Key Management Service

Working with AWS Elastic Beanstalk

Automated Video Editing with YOU as the star

Performing a Basic Audit of your AWS Environment

Automating AWS Services with Scripting and AWS CLI

Working with AWS OpsWorks

## Compute

Introduction to Amazon EC2

Working with Elastic Load Balancing

Maintaining High Availability with AutoScaling

Bundling Amazon EBS Backed AMIs

Monitoring Security Groups with Cloudwatch Events

Update Security Groups Automatically using AWS Lambda

Introduction to AWS Lambda

Introduction to Amazon API Gateway

Blue/Green Deployment Pattern with AWS Elastic Beanstalk

## Network

Create Your First Amazon Virtual Private Cloud

Creating an Amazon VPC with AWS CloudFormation

Launching and Managing a Web Application with AWS CloudFormation

### Integrated

Serverless Architectures with Amazon DynamoDB and Amazon Kinesis Streams with AWS Lambda

Using AWS Lambda with CloudWatch and SNS to Implement a Slack Chatbot

Build a Serverless Text-to-Speech Application using Amazon Polly

## Domains

### BigData

Big Data on AWS

Exploring Google NGrams with Amazon EMR

Analyze Big Data with Hadoop

EMR File System Client-side Encryption Using AWS KMS-managed Keys

### Analytics

Working with Amazon RedShift

Advanced Operations using Amazon Redshift

Advanced Amazon RedShift: Data Loading

Introduction to Amazon Kinesis Firehose

Using Tableau Desktop with Amazon Redshift

Advanced Amazon Redshift: Table Layout and Schema Design

### Search

Building Search into your Applications with Amazon CloudSearch

Introduction to AWS Database Migration Service

### IOT

Introduction to AWS IOT

### Machine Learning

Introduction to Amazon Machine Learning