

## AWS Cloud Financial Management for Builders (AWS-FIN)

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### Course Summary

#### Description

This course is for individuals who seek an understanding of how to manage, optimize, and predict costs as you run workloads on AWS. You learn how to implement architectural best practices, explore cost optimization strategies, and design patterns to help you architect cost-efficient solutions on AWS.

#### Objectives

At the end of this course, students will be able to:

- Explain the cost of core AWS services
- Determine and estimate costs associated with current and future cloud workloads
- Use strategies and best practices to reduce AWS costs
- Use AWS tools to manage, monitor, alert, and optimize your AWS spend
- Apply strategies to monitor service costs and usage
- Implement governance standards, including resource tagging, account structure, provisioning, permissions, and access

#### Topics

- Course Overview
- Introduction to Cloud Financial Management
- Resource Tagging
- Pricing and Cost
- AWS Billing, Reporting, and Monitoring
- Architecting for Cost: Compute
- Architecting for Cost: Networking
- Architecting for Cost: Storage
- Architecting for Cost: Databases
- Cost Governance
- Course Summary

#### Audience

This course is designed for: solutions architects, developers, cost-optimization leads, system administrators, and cloud savvy technical learners who need to understand building and operating cost-efficient architectures.

#### Prerequisites

Before taking this course, students should attend one of the following: Architecting on AWS, Developing on AWS, or Systems Operations on AWS.

#### Duration

Three days