FinOps Certified Professional

Duration: 2 days (8hrs/day)

Prerequisites:

- Understand the basics of how cloud computing works and know the key services from your cloud providers, including their common use cases
- Have a basic understanding of consumption-based billing and pay-as-you-go pricing models
- Can describe the basic value proposition of running in cloud
- Have a base level of knowledge of at least one of the three main public cloud providers (Amazon Web Services, Microsoft Azure, Google Cloud)
- Must have an active FinOps Certified Practitioner Certification

Course Objective: This comprehensive course will help you gain the knowledge needed to build or lead a FinOps team and also get to know how FinOps is handled with Cloud deployments. How to implement Cloud Cost Optimization techniques.

Demonstration Requirement: Participant with (Azure/Aws/GCP) Trial Account Required

Module 1 – Introduction

Introduction to Cloud Pricing

Importance of Pricing in Cloud VS. Pricing in On Premise Data Center

Why FinOps is important

Module 2 – FinOps Fundamentals

What is FinOps

Why use FinOps

FinOps History

FinOps Principles

Lifecycle overview

CAPEX and OPEX

ROI and TCO

Chargeback

Cost Optimization

Terminology and Cloud Language

Module 3 – FinOps Teams and Motivation

What is FinOps Team

FinOps Team Roles

Centralized Teams or Decentralized

Organization Changes and Adoption

Cluster of FinOps

Motivations

FinOps Triangle

Module 4 – FinOps Capabilities

What are FinOps Domains

Six Pillars of FinOps

Best Practices

Aligning Teams to Resources

Module 5 – FinOps Lifecycle

FinOps Lifecycle

Lifecycle Phase - Inform

Lifecycle Phase - Optimize

Lifecycle Phase – Operate

Module 6 – Cloud Resource Pricing and Billing

Cloud Economics and Pricing

Compute Reservations

Cloud Billing

Demo: Tagging

Cloud Spending management in AWS

AWS Pricing Models

Demo: AWS tools

Whiteboard – AWS FinOps use case

Azure Pricing Models

GCP Pricing Tools

Demo: GCP Demo