



datamantra



Cost Optimization Basic to Intermediate Level Course on Cost Optimization in IT & Cloud

We just need your **18 hours** from your life..



15000+ Happy
Students



Best in Online & Offline
Training Experience



Industry Recognized
Expert Mentors

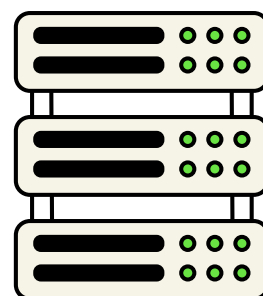
Program Curriculum



Lesson 1

Fundamentals of IT & Cloud Cost Optimization - 6 Hours

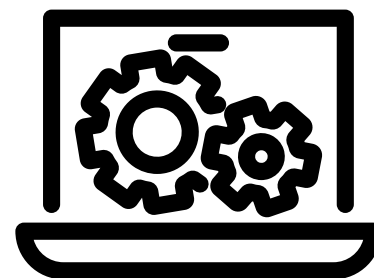
- Introduction to IT/Cloud cost models
- CapEx vs OpEx: How cloud changed spending
- Types of cloud services: IaaS, PaaS, SaaS cost impact
- Understanding billing and pricing structures
- Common cost drivers in cloud platforms
- Hands-On Lab:
 - Read and interpret a sample AWS or Azure bill
 - Identify cost hotspots in mock cloud usage data
 - Compare cost differences between IaaS and PaaS hosting



Lesson 2

Tools, Monitoring & Optimization Techniques - 6 Hours

- Cost optimization pillars: Rightsizing, elasticity, automation, pricing models
- Key tools:
 - AWS: Cost Explorer, Budgets, Trusted Advisor
 - Azure: Azure Cost Management + Advisor
 - GCP: Billing Reports, Recommender
- Pricing models:
 - On-Demand vs Reserved vs Spot Instances
 - Storage tiers (S3 Standard vs Infrequent Access)
- Rightsizing and shutting down idle resources
- Hands-On Lab:
 - Use AWS Pricing Calculator to estimate EC2 cost
 - Set up an AWS Budget with alerts
 - Simulate savings by switching to reserved instances
 - Identify underutilized services via Trusted Advisor / Azure Advisor



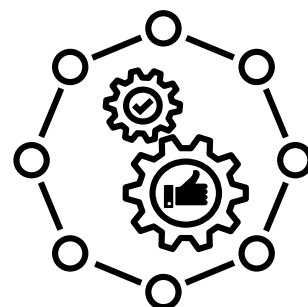
Program Curriculum



Lesson 3

Advanced Optimization & FinOps Practices - 6 Hours

- Auto-scaling and serverless as cost savers
- Use of containers (ECS/EKS/AKS) for efficient scaling
- Automation scripts to manage start/stop schedules
- FinOps basics:
 - Governance, accountability
 - Showback vs Chargeback
- Licensing & SaaS cost management
- Hands-On Labs:
 - Write a startup/shutdown automation policy using AWS Lambda or shell script
 - Create a showback report for departments from usage data
 - Compare containerized vs VM deployments for cost savings



Its time to showcase what we have learnt so far..

- Cost optimization rom Basics to Intermediate
 - Learning to strategically evaluating and reducing IT & Cloud related expenses considering quality and functionality
 - Results: Automate and govern cost control processes across IT/cloud environments
- Hands on tasks on Cost Optimization
 - Designing a Cloud Cost Optimization Plan for a Sample Company
 - Results: Better understanding of Cost Optimization practical concepts

CERTIFICATE OF ACHIEVEMENT



CERTIFICATE

OF ACHIEVEMENT

PROUDLY PRESENTED TO

Name Surname

HAS SUCCESSFULLY COMPLETED THE ONLINE COURSE

Cost Optimization

He/She has excelled at Python Mastery by successfully completing all the assignments & modules associated with the program.

DATE:



Talun Sachdeva

AUTHORIZED SIGNATORY



MEET YOUR TUTOR



Abhishek Tiwari

Cloud Admin & DevOps Expert

Azure Cloud Consultant

[LinkedIn](#)

10+ years of academic and corporate training experience in Cloud, DevOps, Azure, IAC, Server Management & Cost Optimization and served as a guest lecturer for Tech. programs at University of Madhya Pradesh.

He has also delivered corporate and professional training programs, both onsite and offsite, specializing in Cloud, DevOps ,Azure, Terraform & Kubernetes.

He owns 10+ years of work experience as Technology Lead and in reputed organizations like in Accenture, Infosys, Sysfore & UST Global . He blends academic concepts with practical insights to help learners develop strong industry-relevant skills.

Are you ready to take the next step in your career and join our hands-on training program?

Please note that our program requires a fee, which is payable only upon confirmation of your successful admission.

"Your satisfaction is our priority. That's why we offer a 7-Day Money-Back Guarantee—no questions asked. Dive into the course, explore the content, and if it's not the right fit for you, we'll refund your investment hassle-free. Because your growth and trust matter to us!"

OUR STUDENTS ARE PLACED IN



OUR GLOBAL PARTNERS



OUR VISION

Help & Guide students globally with innovative, personalized education for empowered learning and especially in changing the Domain.

OUR MISSION

Empowering individuals worldwide, our mission is to provide accessible and top-quality education, fostering skills that drive career success and personal growth.

OUR STORY

Our story is one of dedication to shaping futures, breaking barriers, and creating a dynamic and easy learning environment for every student and Corporate professionals



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