

TRAIN & HIRE!



>>Information Technology as Code <<



5000+ TRAINED PROFESSIONALS
75+ Batches Delivered

End to End - Dev SecOps, Kubernetes & Cloud



Upskill Your IT Workforce

Employers always consider ways to attract, outfit, and train their workforce

to meet the demands of this new skills revolution in light of the reality of a global talent shortage.

ITasCode is an end-to-end DevSecOps, Kubernetes cloud, Java Full Stack, Data Analytics, Data Science providing numerous comprehensive trainings.

We hear when there is a need for teams within your organisation with ability to perform to extreme efficiency. Fulfilling IT Training requirement is part of our code, prepared to meet the needs of your organisation.

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The Sprint

Recruitment Division

Our recruitment services focus on sourcing and deploying top IT talent for organizations. We operate under a unique "learn and hire" model, where companies can train their employees and potentially recruit from a pool of pre-trained talent

Specialized IT Roles: We identify and recruit skilled professionals in DevOps, cloud architecture, Kubernetes administration, Software Development, Data Analytics and more.

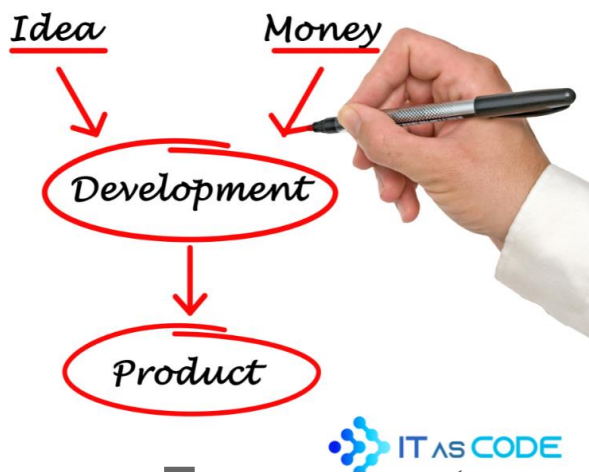
Streamlined Hiring Process: We handle recruitment needs from screening to onboarding, ensuring we integrate the right talent into the team seamlessly.



IT Consulting Services

The expert team provides consulting services

- DevOps, DevSecOps & SRE Consulting
- Cloud Modernization
- Cloud Optimization
- Technical Discovery
- Cloud Native Strategy



Product Development

- We specialize in designing and developing cutting-edge products that are scalable, secure, and tailored to specific business objectives.
- Our expertise ensures seamless integration, superior performance, and a focus on user experience.
- From concept to launch, we guide clients through the entire lifecycle of product development, adapting to changing business needs and emerging technologies.



Business Analytics Solutions & Consulting

Our expert team provides consulting services in:

- Data Visualization and Dashboarding
- Predictive and Prescriptive Analytics
- Data Modeling and Warehousing
- Business Intelligence Implementation
- Cloud Analytics Optimization
- Data Strategy and Governance

Hire from a pool of Trained Professionals!

Run through pre-screened, qualified candidates, increasing your interview-to-offer ratio.

Employ candidates already well trained on projects with hands-on experience. Candidates with expertise in DevOps and Cloud computing.

Make Highly Technical Hires



For more details,

Visit: Academy.itascode.in

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[+91 970 5535 444](tel:+919705535444)

Google Play store App Name – ITasCode Academy



What makes us unique

Online & Classroom	Practice Sessions	Industry Experienced & Instructor
<p>Live online & Classroom classes enabling learners to attend classes from anywhere. Interact with the instructor and peers in real-time for effective learning experience</p>	<p>Daily practice sessions to reinforce learning. Practice sessions in real-world scenarios to prepare for the job.</p>	<p>Access to industry experts for mentorship and guidance. Regular sessions for doubt resolution and personalized feedback. Entire course delivered solely by Murali Dulam; an experienced industry professional.</p>
Q&A and Doubt Clearance	Hands-On Projects	Mock Interviews
<p>Weekly Q&A sessions for clarification of concepts and doubts. Special sessions for interview preparation and mock interviews</p>	<p>Weekly Q&A sessions for clarification of concepts and doubts. Special sessions for interview preparation and mock interviews</p>	<p>Mock interviews with industry professionals to provide valuable feedback and build confidence. Opportunities to practice and improve interview skills in a safe and supportive environment.</p>
Material and Recordings Access	Internship Program	
<p>Learn at your own pace with access to course materials and video recordings. The Right materials will be available whenever you require them at any point in the future</p>	<p>Dive into DevSecOps, Kubernetes, and cloud with hands-on projects using Agile Scrum methodology in this internship program.</p>	



Meet Your Coach



Explore transformative DevOps solutions, Kubernetes expertise, and AWS & Azure Cloud innovation guided by Murali Dulam, your dedicated coach at ITasCode. With extensive industry experience.

**Founder @ ITasCode Pvt Ltd |
Solution Architecture | DevSecOps,
Kubernetes & Cloud Consultant |**



22

Years of Total IT
Experience



75+

Batches
Completed



5000+

Learners from 11
Counties



Azure Cloud Architecture & Administration Training With AI ML & Realtime Projects

**Duration : 75 Days
Online & Classroom**

The Structure of the Training Program

section 6

- **Step 1**
- Training
- Receive structured training that covers fundamental to advanced topics in Azure with AI ML & IOT topic-focused assignments..
- **Step 2**
- Internship Stage1
- Hands-on Projects with Basic Tasks, Group Discussions and Presentations & Agile Scrum & Engage in hands-on projects that introduce basic tasks, incorporating Agile Scrum methodologies.
- **Step 3**
- Internship Stage2
- Hands-on Projects with End-to-End Solutions, Group Discussions and Presentations & Agile Scrum & Advance to complex projects providing end-to-end solutions, further integrating Agile Scrum practices.
- **Step 4**
- Resume preparation
- Enhance your job prospects with a professionally crafted resume that showcases your skills and achievements effectively.
- **Step 5**
- Mock Interviews – Every 15 Days
- Prepare for success with personalized mock interviews, gaining confidence and valuable feedback to excel in real job interviews.
- **Step 6**
- Tech Connect
- Students will engage in structured sessions and informal interactions with seasoned tech experts and industry leaders, gaining invaluable insights into real-world challenges and streamlined solutions that will significantly simplify their future work
- **Step 7**
- Community Group
- Students will participate in regular community group meetings, both virtual and in-person, where they can engage in in-depth discussions on cutting-edge technologies, share their project experiences, and leverage the alumni network to gain access to unadvertised job openings and professional referrals.
- **Step 8**
- Award Internship Certificate
- Upon successful completion of all internship requirements and a comprehensive performance evaluation, interns will be awarded a prestigious internship certificate
- **Step 9**
- Forward Resumes With Clients/Internal Projects
- Increase your job opportunities by having your resume forwarded to top employers

Azure Cloud Architecture & Administration Course

Introduction to Cloud Computing

section 1

- What is Microsoft Azure?
- Microsoft Azure Services
- Creating a Microsoft Azure Account
- Azure CLI and Azure PowerShell
- Managing Azure resources and subscriptions
- Azure Resource Manager
- Datacenters, Regions, Region Pairs, Availability Zones and Geographies
- Resource Groups, Account, Subscription, Management Groups And Tenant

Realtime project Application Architecture

Virtual Machine Basics

section 2

- VM Instance Types, States & Disks)
- Creating a Linux VM in Azure
- Install lamp-stack and IIS WebServer on Azure VMs
- Creating a DB Resource & Understanding a VM Components
- Creation of Linux VM and Generating Pub&Pvt Keys in Azure
- VM Sizes, Families, Changing Size and Reserved & Spot Instances in Azure
- Fault & Update Domains and Availability Options in Azure
- Usage of Extensions & Features option in VM of Azure
- Azure CLI Introduction
- Creating Resource Group, Port, IP Address and VM using Azure-CLI
- Creating Custom Images for Linux and Windows VM and Shared Image Gallery in Azure
- Understanding VMSS Virtual Machine Scale Set and Load Balancer Concepts
- VMSS Configuring using Application LoadBalancer and Application Gateway in Azure
- Overview of Guest & Host Update Management and Creating Bastion Host in Azure

Azure Storage

section 3

- Storage needs of Organisations and Core Storage Services:
Blobs Files Queues Tables & Disks in Azure
- StorageAccount with Containers Blobs and Creating StorageExplorer in Azure
- Storage Performance Tiers, Replication Options and Access Tiers in Azure
- Storage Account: Types, Endpoints and Understand StorageAccount Pricing
- Lock on ResourceManager, Enable/Manage SoftDelete on Containers, Blob – SavingPeriodically, PointInTime Restore and Recovering Deleted StorageAccount
- Azure AccessTier Lifecycle Concepts and Install and Configure AZ-CLI
- Creating StorageAccount Containers BlobStorage and Files by Using Azure-CLI Commands
- Authorization to AzStorageAccounts by SAS Token, AZCOPY CLI and Data: Disk Box Heavy to Transfer from Local, AWS-S3 and Google-StorageBucket (Offline/On-premise))
- Content Delivery Networks (CDN) feature and Mounting the NFS by AzureFileShare feature to Windows/Linux VMs
- Create and Attach a Disk to WinVM LinuxVM and Partition Disk; DataDisk ManagedDisk UnmanagedDisk and Snapshots for Backup & Recovery in Azure
- Creation of Azure SQL Database and Understand differences between Azure SQL Databases and Azure SQL Managed Instances
- Create Azure Database for MySQL Server for DB Creation & Replication

Azure Cloud Operations

section 4

- Applications on Azure Cloud
- ServiceStatus & ActivityLogs at Subscription Level and Creating Alerts or High-Low CPU Utilization for Health Monitoring in Azure
- (Monitoring VMs Configuration:CPU Memory Disk Usage Metrics and NSG: FlowLogs TrafficAnalytics and NetworkConnectionWatcher in Azure
- Create an AzureAutomationRunBook to Start Stop Terminate VM using ActionGroup and Use WorkBooks to get info from Templates and Explore options under AzureMonitoring
- Using AzureMonitorLogs feature and Querying Logs by using KQL – Kusto Query Language and Creating a Time Series Chart using Azure Monitor Logs
- BC & DR: Replication Failover & Fallback Types; Azure Site Recovery (ASR) the One-Stop Public Cloud Solution for Disaster Recovery

Migration

section 5

- Migration Overview
- Azure migration checklist
- Need for Migration and Understanding Migration from On-Premises to Azure Cloud
- How Azure Works and Knowing Azure Subscription PayAsYouGo AD Tenant ResourceGroup Resources and Cloud Adoption Strategy for Migration Basics
- Discovery and assessment
- Migration plan
- Migrating from onprem to Azure cloud, Azure cloud to other cloud AWS
- Migration of MySQL Database to Azure DMS
- Post Migration Checks

Azure ARM Templates

section 6

- Introduction of Azure Resource Manager Templates Concepts and Briefing of JSON & YAML Formats
- Structure & Syntax of ARM Templates and Shown Creating a Virtual Network with Two App & Web Subnets by Manual and ARM Template ways
- Creating a VNet with 3 AppWebDB Subnets & AddressPrefixes and Try Realizing n-Tier Architecture VNet with 6 Subnets & NetworkSecurityGroup using ARM Template Concepts
- Creating an Ntier architecture VNet with Multiple 6 Subnets along with NetworkSecurityGroup using dependsOn resourceId options in ARM Templates
- basic parameter, add parameter to subnet cidr ranges, object parameter for adding cidr ranges and using variable for network & subnet in ARM Template
- Extending the Ntier architecture VNet with Multiple Subnets NSG with a NIC and IP Address and fetching PublicIP & VM Details as Outputs Section of ARM Templates in Azure
- Add sql server to ARM Templates && Create sql database using existing template && Deploy ARM Templates using azure cli
- Deploy ARM Templates using Azure DevOps

Azure App service and Function App, KeyVault(Dev

section 7

- Understanding a 3 Tier Architecture Application of smart
- Exploring a Windows VM and Sample APP Service in Azure
- Explained about Azure AppService Billing Details and Create Application and Deploy it using AppService in Azure
- Azure App Service Environments, Azure App Service Plans, Deploying
- Configuring Database to web apps, Introduction to Serverless Computing
- Azure Functions, Pricing plan, Creating Azure Functions Using Portal and deploying .Net Code, Configuring Local Developer Environment With Visual Studio Code
- Introduction To Triggers & Bindings and Creating a Blob-Triggered Function
- Azure Functions triggers and bindings concepts and creates a copy of the blob using Azure Blob Trigger
- Azure KeyVault Overview

Azure Networking

section 8

- Networking Basic: Ip Address, Networkid, Hostid and example for subnet mask
- (Networking Fundamentals, Types of class in networking, Classful networks, Classless networks and subnet mask
- Cidr Notation, Cidr Ranges, Creating Private Networking with 4 subnets
- Basic Networking : network, subnets, router, routetable, Traceroute
- Understanding Regions in AZure, Creating Virtual Network (Vnet),subnets ,Creating virtual machine with public ip and without public network, connect to public vm to private vm
- Network Security Groups, Network Security Rules, Inbound rules and Outbound rules with: [Priority, Source, destination, Protocol,Port, Action
- Network Security Groups (NSG) and Creating Subnet Level network security group rules
- Installation Azure cli and Powershell,cli and Powershell Extension in vscode, Creating Network in Azure using Azure-cli Commands
- Creating Virtual Network With 6 subnets,Creating NSG Rules for Allow and Denies by Using Azure cli/Portal
- Understanding the VNet's Peering Concepts
- Understanding Virtual Private Network,Types of VPN,Point to Site & Site to Site, Virtual Network Gateway, Local Gateway,Configuring Customer Local Gateway to Virtual Network Gateway

Azure Load balancing Strategies

section 9

- Creating Image from Lamp server & Creat Two vm using image with out public ip and Create a public load balancer to load balance VMs
- Backend Resources,Backend pool, layer4 Load Balancer, Public & Internal Load Balancer and Health probes to monitor Load Balancer Resources
- Azure Application Gateway (Layer7 Load Balancing
- App Gateway path Based Routing, Azure DNS and Creating a DNS Zone for already Purchased domain and mapping public ip to domain
- Azure FrontDoor LoadBalancer
- Disaster Recovery with Traffic Manger
- Azure Private Endpoints

Azure SQL DB & Cosmos DB

section 10

- Database overview
- Types of databases
- Choose right databases for the application
- Setup and Configure Azure SQL database
- Integrate Database with Realtime Application

Azure SQL DB & Cosmos DB

section 11

- Monitoring Overview
- Metrics, Logs & Alerts
- Logs Analytics Workspace
- Application Insights
- Resource Monitoring with Azure Monitor

Azure Security

section 12

- Azure Service Principal
- Managed identities
- Virtual Machine Security Best Practices
- Database Security Best Practices
- App Service Security Best Practices
- Networking Security Best Practices

Disaster Recovery & BCP with Azure Cloud

section 13

- Disaster Recovery & BCP Overview
- RPO & RTO
- Setup and Configure Disaster recovery strategy with Azure Cloud
- Test DR with Realtime Application

Disaster Recovery & BCP with Azure Cloud

section 14

- Disaster Recovery & BCP Overview
- RPO & RTO
- Setup and Configure Disaster recovery strategy with Azure Cloud
- Test DR with Realtime Application

- Generative AI, ML & IOT - Cloud & DevSecOps
- I. GenAI & ML Basics
 - What is GenAI? - Defining Generative AI and its capabilities.
 - Why it's important. - Exploring the impact and potential of GenAI.
 - ML refresh. - Brief overview of key machine learning concepts.
 - Cloud & DevSecOps for GenAI. - Why cloud platforms and secure development are essential.
- II. Building GenAI Apps
 - App basics. - Understanding the structure of a GenAI application.
 - Code setup. - Configuring a development environment.
 - Example apps. - Building simple GenAI applications.
- III. GenAI & Copilot
 - GenAI platforms. - Exploring cloud platforms for GenAI development.
 - Model deployment. - Deploying trained models for use.
 - Using Copilots. - Integrating AI assistants into workflows.
- IV. Small Language Models (SLMs)
 - What are SLMs? - Defining and explaining smaller language models.
 - How they work. - Simplified explanation of SLM operation.
 - SLM uses. - Practical applications of SLMs.
- V. Large Language Models (LLMs) & RAG
 - What are LLMs? - Understanding the power of large language models.
 - RAG explained. - How Retrieval Augmented Generation works.
 - Using LLMs. - Prompt engineering and fine-tuning.
- VI. Agentic AI
 - What is it? - Defining agentic AI and autonomous agents.
 - How it's used. - Applications of agentic AI.
- VII. Cloud for GenAI
 - Azure . - Azure OpenAI services for GenAI and ML.
 - AWS . - AWS Bedrock services for GenAI and ML.
- VIII. DevSecOps
 - Security basics. - Fundamental security concepts for GenAI.
 - DevSecOps for GenAI. - Secure development practices for GenAI.
- IX. GenAI & IoT
 - IoT basics. - Introduction to the Internet of Things.
 - GenAI for IoT. - Combining GenAI with IoT data.
- X. Final Project
 - Build a GenAI app. - Developing a practical GenAI application.
 - Use cloud & DevSecOps. - Applying cloud services and secure practices.

Manage IoT devices with Azure IoT Hub

section 16

- Securely communicate with devices using AWS IoT Core protocols.
- Monitor and manage devices at scale with AWS IoT Core services.
- Build and deploy applications to interact with device data in AWS IoT Core

Microsoft AzureCloud Architecture best practices

section 17

- Microsoft Azure Well-Architected Framework and use cases Choose an Azure compute service for your application Choose the right load balancing solution for business

Internship with Realtime project setup

section 18

ITasCode Team Guidance

section 19

- DevOps Roles & Responsibilities Mock Interview
- Support Resume Preparation
- Real Time Work Demonstration with Practicality.
- Q&A – Interview Discussions

Course Duration: 75 Days



For more details,

Visit: Academy.itascode.in

Email: contact@itascode.in

Google Play Store App Name – ITasCode Academy





Topic Based Assignments

- **Assignment Distribution:** Regular distribution of assignments tied to training modules.
- **Specific Topic Focus:** Assignments target specific learning objectives within DevSecOps, Kubernetes, and cloud.
- **Practical Application Exercises:** Hands-on exercises reinforce theoretical concepts.
- **Feedback & Review:** Thorough feedback on assignments to ensure understanding.
- **Reinforced Learning:** Assignments solidify knowledge before moving to practical projects.

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Course Duration: 120 Days



Internship with Realtime project setup

- **Internship Stage1**
 - Hands-on Projects with Basic Tasks, Group Discussions and Presentations & Agile Scrum & Engage in hands-on projects that introduce basic tasks, incorporating Agile Scrum methodologies.
- **Internship Stage2**
 - Hands-on Projects with End-to-End Solutions, Group Discussions and Presentations & Agile Scrum & Advance to complex projects providing end-to-end solutions, further integrating Agile Scrum practices.

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Course Duration: 120 Days



Resume Preparation

- Personalized Guidance:
 - One-on-one sessions with ITasCode professionals.
 - Tailored advice based on individual skills and experience.
- Resume Optimization:
 - Crafting a professional and visually appealing resume.
 - Ensuring compatibility with Applicant Tracking Systems (ATS).
- Skill Highlighting:
 - Strategically showcasing relevant technical skills (DevSecOps, Kubernetes, cloud).
 - Emphasizing practical project experience and contributions.
- Industry Alignment:
 - Tailoring the resume to meet current IT industry standards.
 - Highlighting knowledge of DevSecOps, Kubernetes, Cloud and Agile principles.
- Interview Readiness:
 - Positioning the resume to increase the likelihood of securing interviews.
 - Creating a resume that captures the attention of hiring managers.

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Course Duration: 120 Days



Mock Interviews

- ♦ •**Custom Interviews:**
 - ♦ •Questions tailored to your job goals.
 - ♦ •Realistic practice for tech and behavior questions.
- ♦ •**Expert Interviewers:**
 - ♦ •Mock interviews by ITasCode staff or industry pros.
 - ♦ •Real-feel interview experience.
- ♦ •**Detailed Feedback:**
 - ♦ •Evaluation of tech skills, communication, and body language.
 - ♦ •Helpful tips for improvement.
- ♦ •**Build Confidence:**
 - ♦ •Less interview anxiety.
 - ♦ •More confident self-presentation.
- ♦ •**Improve Skills:**
 - ♦ •Find and fix weak points.
 - ♦ •Practice answering tough questions.
- ♦ •**Prepare for Reality:**
 - ♦ •Learn employer expectations.
 - ♦ •Practice showing off your skills.
 - ♦ •Experience interview pressure.
- ♦ •**Focus on Key Areas:**
 - ♦ •Practice cloud, DevSecOps, and Kubernetes questions.
 - ♦ •Practice agile and scrum questions.
- ♦ •**Review and Analyze:**
 - ♦ •Review of the mock interview.
 - ♦ •Analyze your strengths and weaknesses.

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Course Duration: 120 Days

Tech Connect



ITasCode Tech Connect

- **Structured Learning:** Expert-led workshops and interactive Q&A on industry trends.
- **Informal Networking:** Casual chats and mentorship for building professional connections.
- **Expert Insights:** Real-world case studies and practical demonstrations from experienced pros.
- **Leadership Perspectives:** Discussions on tech strategy and decision-making from industry leaders.
- **Practical Application:** Learning Cloud, AI/ML, security, scalability, and CI/CD solutions for real-world scenarios.
- **Problem-Solving Skills:** Efficient troubleshooting and optimization techniques for tech challenges.
- **Career Advancement:** Developing in-demand skills and building a valuable professional network.

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Course Duration: 120 Days



ITasCode Student Community Group

- Regular Meetings:**

- Scheduled gatherings, both online and offline.
- Consistent opportunities for interaction and learning.

- In-Depth Tech Discussions:**

- Exploration of cutting-edge technologies and trends.
- Sharing of knowledge and insights among participants.

- Project Experience Sharing:**

- Students present and discuss their project work.
- Peer learning and feedback on practical applications.

- Alumni Network Access:**

- Leveraging connections with program alumni.
- Building professional relationships with experienced individuals.

- Unadvertised Job Opportunities:**

- Access to job openings not publicly listed.
- Gaining insider information on potential career paths.

- Professional Referrals:**

- Obtaining referrals from alumni for job applications.
- Increasing the likelihood of securing interviews.

- Community Building:**

- Creating a network of like minded individuals.
- Support from peers and those who have completed the program.

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Course Duration: 120 Days

Course Completion Certificate

- **Successful Completion:**

- I Students must fulfill all program requirements.
- This includes completing assigned tasks and projects.

- **Comprehensive Performance Evaluation:**

- Students will be assessed based on their overall performance.
- Evaluation will cover technical skills, participation, and work ethic.

- **Prestigious Course Completion Certificate:**

- A formal document will be awarded.
- The certificate signifies successful completion and achievement.
- The certificate adds value to the student's professional portfolio.



Certificate of Appreciation

THIS CERTIFICATE IS AWARDED TO

IT As Code

For Successfully Completed

**Azure Cloud Architecture & Administration with AI ML
& IOT and Realtime Projects**

course by ITasCode Pvt Ltd

Certificate Number: [REDACTED]

Certificate Date:- 23 February 2025

This is digitally signed hence
does not require physical signature.

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Course Duration: 120 Days

Award Internship Certificate

- **Successful Completion:**
 - Interns must fulfill all program requirements.
 - This includes completing assigned tasks and projects.
- **Comprehensive Performance Evaluation:**
 - Interns will be assessed based on their overall performance.
 - Evaluation will cover technical skills, participation, and work ethic.
- **Prestigious Internship Certificate:**
 - A formal document will be awarded.
 - The certificate signifies successful completion and achievement.
 - The certificate adds value to the intern's professional portfolio.



Certificate of Appreciation

THIS CERTIFICATE IS AWARDED TO

IT As Code

For Successfully Completed

DevOps and Cloud Internship May2024

course by ITasCode Pvt Ltd

Certificate Number

Certificate Date:- 16 October 2024

This is digitally signed hence
does not require physical signature.

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Course Duration: 120 Days