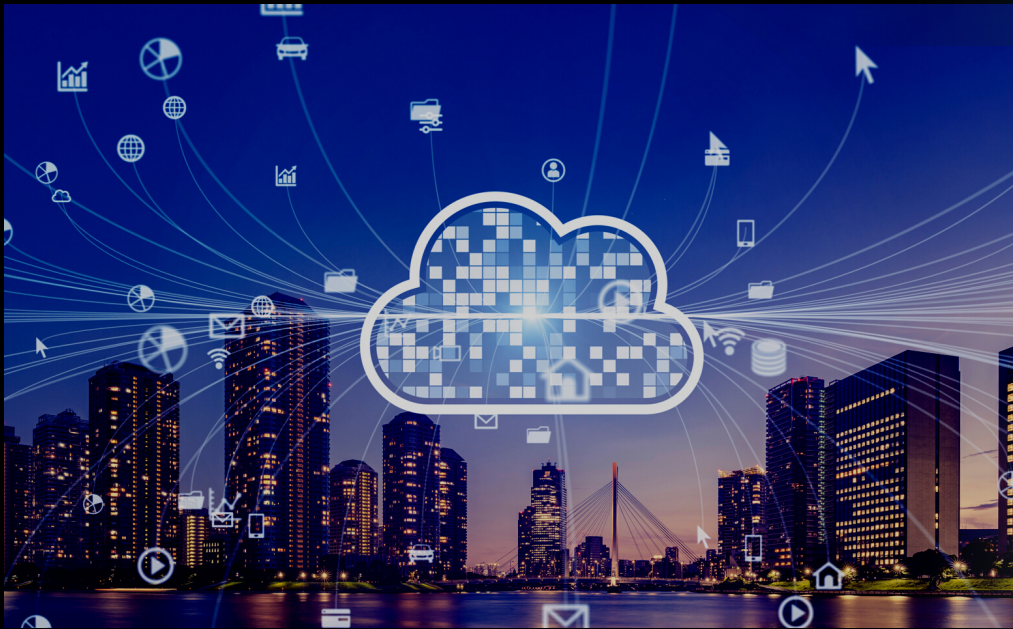


Master Certificate on Cloud computing and DevOps



Quanta Data Solutions
The Institute of Innovations

www.Quantadatasolutions.in

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QUANTADATA SOLUTIONS

ABOUT US

QuantaData Solutions is a hub for vivid innovations and developments in Industry relevant technologies. We provide the most comprehensive training and placement services in the industry. We offer a wide range of courses, from entry-level courses to tailor-made courses for specialist job roles and certifications. Our trainers are all industry professionals who have years of experience and success to share with you. All our instructors have been trained by our experts to provide you with the best-fit course material, and they're all passionate about what they teach!

Our vision is to equip you with the best and most affordable training to achieve your goal.

WHY CHOOSE US

Our Training is industry relevant with on-demand skills to make you a Job ready candidate, we have been recognized for providing the best career placements.

we have a huge network of industry professionals which is another great way to start exploring your options and help you make a more informed decision to choose the right career path.





Master Certificate on Cloud computing and DevOps

MODULE - 1 CLOUD AND VIRTUALIZATIONS OVERVIEW

- ✓ Overview of virtualization & distributed computing
- ✓ Operating systems & networking
- ✓ Multi Cloud computing overview and the type of services
- ✓ Cloud Framework with operation process (Agile Methodology)

MODULE - 2 MULTICLOUD SERVICES, MIGRATION TOOLS AND STRATEGIES

- ✓ Cloud Services / Networking & Storage deep dive (AWS/ Azure/ GCP)
- ✓ Cloud Migrations strategies & Tools
- ✓ Cloud solutioning for logging and monitoring (Azure/ AWS & GCP)
- ✓ Designing cloud authentication & authorizations
- ✓ Cloud Database Management and Monitoring
- ✓ Cloud Automation using Python scripts
- ✓ Cloud FinOps





Master Certificate on Cloud computing and DevOps

MODULE - 3 CLOUD DEVOPS

- ✓ Cloud DevOps and Version Control
- ✓ Infrastructure as code (arm & Terraform)
- ✓ Microservice Architecture and Deployemnts strategies
- ✓ Cloud Kubernetes - Design /Build/ configurations and Monitoring (AKS and GKS)
- ✓ Azure DevOps - boards and pipelines
- ✓ Applications Deployments using CI/CD (Jenkins and Azure Pipelines)
- ✓ Configuration Management using Ansible, Chef and Puppet
- ✓ Continous Monitoring using ELK

MODULE - 4 CLOUD SECURITY

- ✓ Deep-Dive in Cloud Access Control using Codes
- ✓ Securing CI/CD Pipelines
- ✓ Static and Dynamic Analysis in CI/CD Pipelines
- ✓ Compliance & Vulnerability management
- ✓ Azure Setinel configurations and setting up custom Rules



Program Highlights



Program Overview

- Cloud computing has become an integral part of every industry due to its benefits such as cost-effectiveness, scalability, accessibility, and elasticity.
- The cloud computing market is expected to grow at a CAGR of 17% from 2017-2022 with the total market size estimated at USD 2.2 trillion in 2024.
- In this Master course on Cloud computing and DevOps you'll begin your journey by understanding all about Virtualization, Migration strategies, deploying infrastructure using codes and designing and architecting containerised applications on the cloud using CI/CD.
- This is an industry-mentored program with multiple hands-on labs and application building on the cloud.
- At the end of this program, learners will understand the main principles of Cloud Computing and DevOps and how they are implemented in Microsoft Azure, AWS, and Google Cloud Platform.

Highlights

This Master course on Cloud computing and DevOps will help you to make a career in Cloud computing and DevOps. The course will be mentored by industry professionals with a case-study approach. The course is designed with multiple hands-on Labs at the end of each module which will help you to think independently.

- Mentorship with Industry Mentors.
- Industry-relevant curriculum.
- A Job Ready course.
- working on live industry projects.
- Soft-skills development and Interview preparations.
- Career Guidance and support.



Benefits of this Program

- This is a comprehensive program on cloud computing and DevOps to make you a Job ready professional.
- Master the three most in demand cloud platform AWS/ Azure & GCP.
- Be proficient with DevOps tools like Ansible, Jenkins, Chef and Puppet.
- Hands-on training on deploying Microservices using Kubernetes.
- Designing pipelines for production-ready applications.
- Hand-on lab after each module.
- At the end of the program get access to premium jobs





Job Opportunities

our career counsellor will strive to help you prepare for your job interviews

Employers hire for a wide variety of roles, including

- Cloud Analysts
- Cloud Consultant
- Cloud Engineer
- Automation Engineer
- DevOps Engineer
- Cloud Security Analyst



Our Alumni

Google

Directi

Microsoft

accenture

MindTickle

DREAM11

Fab.

Qualcomm

RIPPLING



ELIGIBILITY:

- Candidates must have completed 10+2 and either completed or are pursuing Graduation.
- BE/BTech, B.Sc, M.Sc, MS, BBA, MBA, BCom, MCom, BA/MA(economics)

**READY TO ADVANCE YOUR CAREER? APPLY NOW –
WWW.QUANTADATASOLUTIONS.IN**