**DevOPS with Azure Cloud Syllabus:**

- What is the cloud

- Azure vs other clouds

- The Azure portal

- Azure Compute - Virtual Machines, App Services, AKS, Azure Functions and more

- Azure Networking - VNets, Subnets, NSG, Application Gateway and more

- Data in Azure - Azure SQL, CosmosDB, Azure MySQL, Storage Account and more

- Docker (Docker Installation, Docker registry, Docker Images)

- Azure Containers Service

- Kubernetes(kubectl, YAML configuration, K8 Commands, K8 ingress )

- Azure Kubernetes Service

- Microservices Architecture ( how to use docker to implemet Microservices)

- Azure DevOps( Boards, Git, Repos, CI and CD)

- Jenkins (Installation , CI and CD - Deploy Applications/containers in Azure)

- Terraform (Deploy Kubernetes cluster in Azure)

- Ansible (Deploy Kubernetes cluster in Azure)

- Conclusion

**Note:**

* You will learn 6 DevOps Tools - Docker, Kubernetes, Azure DevOps, Jenkins, Terraform, and Ansible
* One Cloud Service provider - Azure.