Azure DevOps Course Outline --> 45 hrs

Azure Portal

* Software Development processes
* Azure Architecture
* Key Features and Services
* What is Azure Portal
* What is Azure sql
* What is Azure Kubernetes service (AKS)
* What is Azure Resource Manager (ARM Templates)
* What is Azure Functions
* What is Azure Active Directory
* What is Azure Devops
* How to create Virtual Machine

Azure DevOps

* What is DevOps
* What is Azure Devops
* What is Azure Devops Architecture
* What is difference between Azure Portal and Azure Devops
* Installation of Git
* Installation of VSTS
* Working with Git Bash and commands
* Git Branching
* What is Azure Repos
* Working Branching and Merging
* Working with Repo Policies and Branch Policies
* Pull Requests, adding Reviewers
* Forking
* Merging and types of Merging
* What is Git LFS and how to enable it
* What is Azure Pipelines
* Integration of VCS and Build tools
* Creating Pipelines using YAML Scripts
* Creating and configuring Agents
* Configuring Pools
* Creating and configuring the environments using Kubernetes and Virtual machine
* Creating and configuring the Release Pipeline
* Creating and configuring Deployment Pipeline
* Creating Task groups for builds and releases
* Working with libraries
* What is Azure Test Plans
* How to track the test plans
* Test Repots
* What is Azure Artifacts
* Working with Feed and connecting the feeds
* Working with Packages
* Artifacts through pipeline
* Publish and download artifacts through Azure pipeline
* Setup of retention Policies
* What is Azure Boards
* Working with Boards, Sprints, Backlogs, Queries and work items
* What is Azure Dashboards
* Visualizing reports through Azure Dashboards
* What is Azure Wiki
* How to create the documentation in Wiki and handle the templates
* Administration Tasks in Azure Devops
* Project setting and Organization Setting