Course Duration: 90 days (including Weekends full day)

Course Duration: 4 Months (Only Weekends)

Course Duration: Real-Time Project Implementation

{2 weekends (4 days full time)}

**Content for Basic for Dev-Ops:**

* What is Client?
* What is Server?
* What is On Premise?
* What is Virtual?
* What is Cloud?
* About and For Dev-Ops
* What is Dev?
* What is Operations?
* What is DevOps?
* What is Building?
* What is Deployment?
* What is Integration?
* What is Release?
* What is Environment?
* What is Stage?

**Content for Cloud:**

* What is Cloud?
* What is Private Cloud?
* What is Public Cloud?
* What is Hybrid Cloud?
* What is Windows Azure?
* What is Microsoft Azure?
* What is Amazon Web Services?
* What is Google Cloud Platform (GCP)?

**Content for Azure:**

* Introduction about Azure Infrastructure as a Service (IAAS)
* Introduction about Azure Platform as a Service (PAAS)
* Introduction about Azure Software as a Service (SAAS)
* Introduction about Identity and Directory as a Service (IDAAS)
* Introduction about Azure Data as a Service (DAAS)

**Content for ADO:**

**About ADO:**

* About Azure DevOps Organization
* About Azure DevOps Project
* CRUD Operations of Azure DevOps Project
* About Organization Settings

**Scope of General Settings:**

* About Organization and Projects Overview
* About Projects
* About Users
* About Billing
* About Auditing
* About Global Notifications
* About Usage
* About Extensions
* About Azure Active Directory

**Scope of Security Settings:**

* About Policies
* About Permissions

**Scope of Boards Settings:**

* About Process

**Scope of Pipelines Settings:**

* About Agent Pools
* About Settings
* About Deployment Pools
* About Parallel jobs
* About OAuth Configurations

**Scope of Artifact Settings:**

* About Storage

**Content for Azure DevOps Project Activities:**

**Scope of Project Performance:**

* Overview
* About Summary
* About Dashboards
* About Analytical Views
* About wiki

**Scope of Project Management (Team Management and Work Management):**

* Boards
* About Work Items
* About Boards
* About Backlogs
* About Sprints
* About Queries
* About Plans
* About Portfolio Plans (Beta)

**Scope of Repository Management:**

* Repos
* About Files
* About Commits
* About Pushes
* About Branches
* About Tags
* About Pull Requests
* About Pull Request Dashboard

**Scope of Build (Continuous Integration), and Deployment (Continuous Deployment) Management:**

* Pipelines
* About Build Pipelines
* About Environments
* About Release Pipelines
* About Library
* About Task Groups
* About Deployment Groups
* About XAML

**Scope of Test Management of the Team Work:**

* Test Plans
* About Test Plans
* About Progress Report
* About Runs
* About Load Test

**Scope of Resources:**

* Artifacts
* About Feeds
* About Creation of Feed
* About Connect to Feed
* About Scope of Feed
* About Architecture Level feed
* About Project Level feed

**Scope of Settings Management of Project:**

* Project Settings
* General Settings
* Boards Settings
* Repository Settings
* Pipelines Settings
* Test Settings

**Scope of Approval and Options Management of Project:**

* Approval Configuration
* Demands Configuration
* Integration Configuration
* CI-CD Configuration
* Variant Properties Configuration
* Variables Configuration
* Stages Configuration
* Environments Configuration
* CRUD and Operations Activities of Build and Release Pipeline Management.

**Scope of Automation Tools and Activities of Project:**

* Introduction to Power Shell
* Basic Scripting with Power Shell
* Basic Automation with Power Shell
* Introduction to YAML
* Basic YAML Files Writing
* Basic Automation with YAML
* Introduction to Batch Files
* Basic Scripting with Batch files
* Basic Automation with Batch files

**Scope of Other Tools (Optionals) will be used Project:**

* Jenkins and dealing with the same
* Docker and dealing with the same
* Chef and dealing with the same
* Puppet and dealing with the same
* Kubernetes and dealing with the same
* Octopus and dealing with the same

Note: Repositories of Soft copies will be provided for more and detailed additional information to brush up for awareness purpose.