

## Day - 1

- **Let's understand Continuous Integration**
  - What is Continuous Integration
  - Benefits of Continuous Integration
  - What is Continuous Delivery
  - What is Continuous Deployment
  - Continuous Integration Tools
  - Jenkins Vs TeamCity Vs Bamboo
- **What is Jenkins**
  - o Object Properties and Method
  - o Accessing and Displaying the Object
  - o Primitive and Reference Type and Primitive Wrapper Type
  - o Class ,Constructor and new Operator
  - o Inheritance
  - o Getter and Setter Method
  - o Static Class

- **Jenkins Installation**

- Prerequisites
- Installing Jenkins using Yum
- Installing Jenkins using Apt
- Installing Jenkins using MSI
- Installing Jenkins using Tomcat
- Installing as a Service
- Starting and Stopping Jenkins

- **Jenkins Dashboard Tour**

- o Understand Freestyle Project
- o Freestyle General Tab
- o Freestyle Source Code Management Tab
- o Freestyle Build Triggers Tab
- o Freestyle Build Environment
- o Freestyle Build
- o Freestyle Post-build Actions
- o Manage Jenkins
- o My Views
- o Credentials
- o People
- o Build History

## Day - 2

- **Creating a Simple Job**

- o Simple Java and Maven Based Application
- o Simple Java and Ant Based Application
- o Simple Java and Groovy Based Application
- o Simple DOTNET and MSBuild Based Application
- o Simple C++ using Batch Application

