DevOps





DevOps





Course Introduction

Manual Builds Before Jenkins

In traditional processes. the development team gets involved in preparing Builds manually. This consumes a lot of time and effort.







Build Automation with Jenkins

With automated Builds, developers can focus on the development work rather than performing manual Builds.

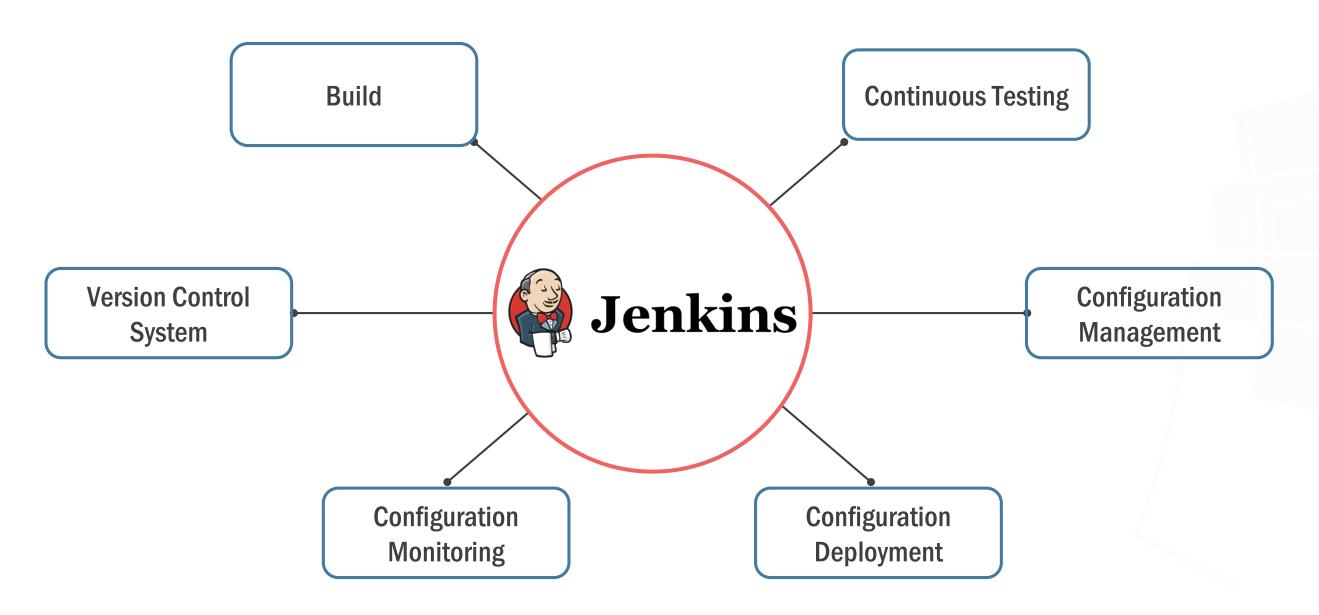






Importance of Jenkins in DevOps

Jenkins helps to build and test software projects continuously. Developers can easily integrate changes into the project.





Simplilearn. All rights reserved.

Features of Jenkins

Jenkins offers some powerful developer-centric features including:











CI/CD Automation Rapid Upgrades Distributed Builds

Build and Deployment Automation

Customized Notifications

Industry Sectors Using Jenkins

Some of the industries that use Jenkins extensively for CI/CD pipeline development are:



Information **Technology and Services**



Hospital and Healthcare



Financial Services



Insurance





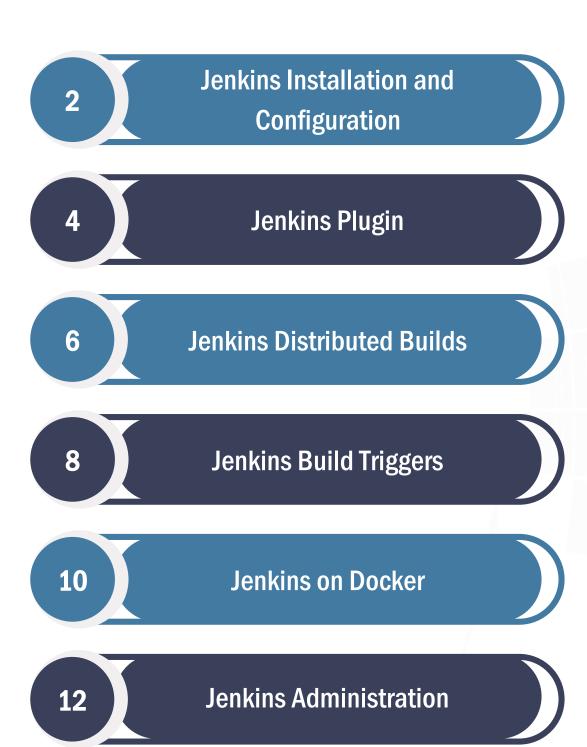






Course Outline



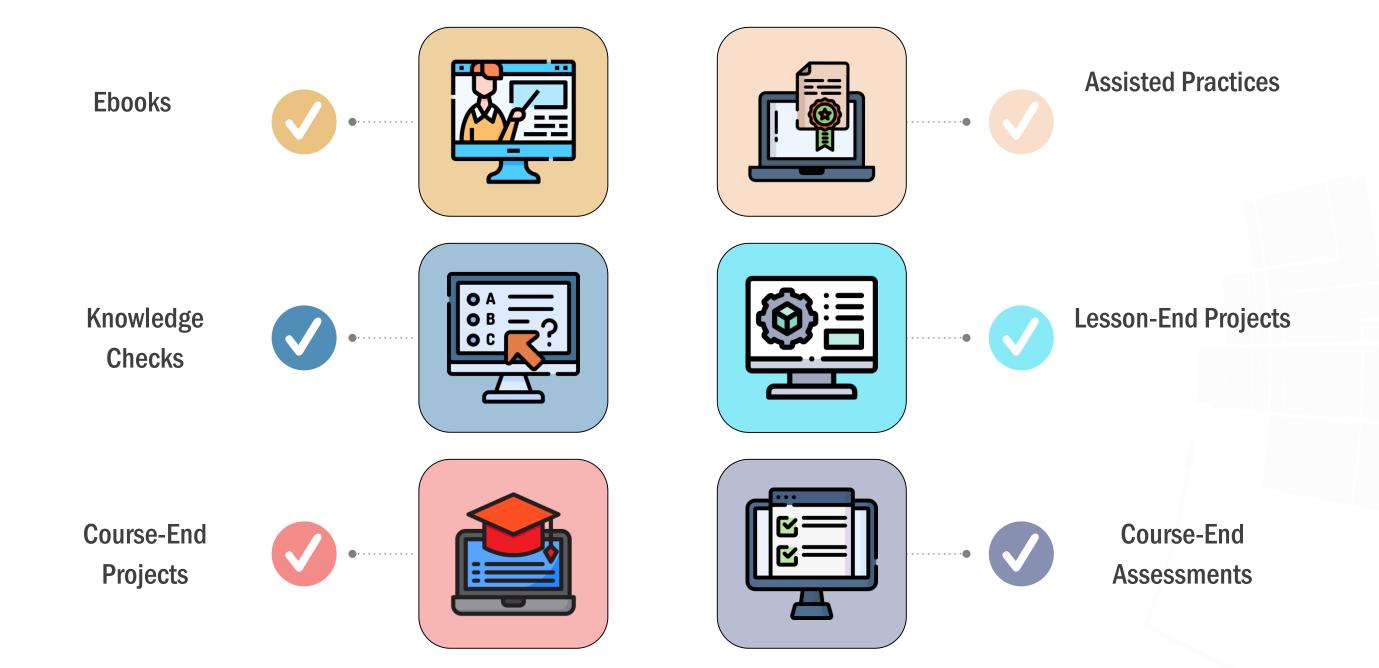






OSimplilearn. All rights reserved.

Course Components







Course Outcomes

Implement Jenkins in the current project that you are working on

Integrate Jenkins with Github to implement Continuous Integration

Work with Code scanning tools to improve code quality

Integrate Jenkins with Docker to implement Continuous Deployment

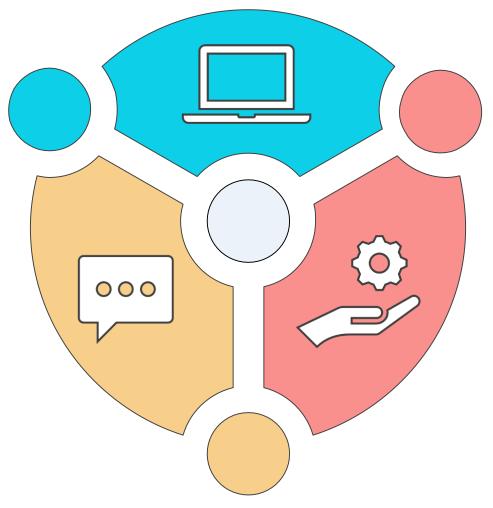
Automate a complete CI/CD pipeline





Customer Support

Learner Success Manager support



Call and live chat

Help and support on the website



