**Ansible Introduction**

* **What Is Ansible?**
* **Why Ansible?**
* **Demonstration – From Bash to Ansible**
* **Course Layout**
* **Basic Ansible Vocabulary**
* **New Features in Ansible**

**Setting up the Environment**

* **Creating an Ansible Home Base**
* **Installing Ansible**
* **Bleeding-Edge Ansible Installation**
* **Setting up our Test Environment**
* **Target Machine Requirements**

**Ansible Inventory and Playbook**

* **Ansible Configuration Hierarchy**
* **Ansible Hosts Inventory File**
* **Ad-Hoc Commands**
* **Introduction to Playbooks**
* **Playbook Structure**
* **Introduction to Modules**
* **Common Modules**
* **Variables and Facts**
* Tasks and Command
* Yum and Apt package

**Ansible Loops, Blocks, Strategies, and Galaxies**

* **Debugging and Troubleshooting**
* **Conditionals and Control Flow**
* **Include and Imports**
* **Templating, Control Flow, and Iteration in Jinja2**
* **YAML Basics**
* **Ansible Blocks**
* **Performance and Execution Strategies**
* **Ansible Galaxy**

**Real-World Playbook**

* **Playbook to Installation JDK**
* **Playbook to Install Apache**
* **Playbook to Install PHP**
* **Playbook to Install My SQL Server**
* **Playbook to create folder, move files etc.**
* **Playbook to create user**

**Ansible in the Cloud**

* **Ansible in the Cloud**
* **Ansible AWS Demo**
* **Ansible Tower**