Ansible Basics			
Serial #	Topics	Sub Topics	Duration in H
1	Introduction to Configuration Managen	What is Configuration Management	2
		Where Configuration Management fit in to DevOps	
		What are the different types of Configuration Management	
		What is the difference between Pull based and Push based configuration management	
		What is the difference between declarative and imparative approach	
		What are the different configuration management tools available	
2	Introduction to Ansible	What is Ansible?	2
		Key Features and Benefits	
		How Ansible Works: Architecture and Components	
		Ansible Use Cases	
		Installation and Setup	
		Installing Ansible	
		Setting up the Ansible Control Node	
		Configuring Managed Nodes	
3	Ansible Inventory and Configuration	Understanding the Ansible Inventory	2
		Static vs. Dynamic Inventory	
		Inventory File Format (INI and YAML)	
		Ansible Configuration File (ansible.cfg)	
		Ansible Command-Line Tools Overview	
4	Ad-hoc Commands and Ansible Modu	Running Ad-hoc Commands	2
		Commonly Used Modules (e.g., ping, command, shell, copy, file)	
		Module Documentation and Usage	
		Using Variables in Ad-hoc Commands	
5	Writing Playbooks	Introduction to YAML	2
		YAML file structure	
		Data types in YAML	
		common YAML editors	
		What is a Playbook?	
		Playbook Structure and Syntax	
		Writing Your First Playbook	
		Tasks, Plays, and Handlers	
		Variables and Facts in Playbooks	
		Debugging Playbooks	
6	Managing Playbook Execution	Tags and Task Control	2
		Conditionals and Loops	
		Using Handlers	
		Error Handling and Debugging Techniques	
		Best Practices for Writing Playbooks	
		Total	12 Hrs