Cloud Security

Course Module	Content Overview	Duration
Introduction to Cloud Security	Basics of cloud computing - Cloud security fundamentals - Types of cloud services and their security	2 weeks
Securing Cloud Infrastructure	Securing cloud environments - Infrastructure protection - Cloud architecture and security best practices	3 weeks
Cloud Data Protection and Privacy	Data encryption in the cloud - Privacy issues - Regulatory compliance	2 weeks
Identity and Access Management in the Cloud	Managing identities and access - Authentication and authorization - Identity federation and SSO	2 weeks
Cloud Security Threats and Mitigation	Common threats in cloud environments - Threat mitigation strategies - Incident response in the cloud	2 weeks
Compliance and Governance in Cloud Security	Compliance frameworks - Governance models - Risk management	2 weeks