## Duration:

1 or 2 days

## Prerequisite:

Knowledge on web is preferable.

## Target Audience:

Anyone can join this course

## Detailed Course Outline:

## Module-1: Introduction

* Cloud Computing
* Advantage & Disadvantage
* History of Cloud
* Cloud Computing Architecture
* Cloud Computing Technologies
* Cloud Computing vs Grid Computing
* How Cloud work
* Cloud Computing Applications
* Security Risks of Cloud Computing

## Modules-2: Types of Cloud

* Types of Cloud
* Public Cloud
* Private Cloud
* Hybrid Cloud
* Community Cloud

## Module-3: Cloud Service Models

* Cloud Service Models
* IaaS Layer
* PaaS Layer
* SaaS Layer

## Module-4: Virtualization

* What is Virtualization
* Data Virtualization
* Hardware Virtualization
* Software Virtualization
* Server Virtualization
* Storage Virtualization
* OS Virtualization
* Linux Virtualization
* Windows Virtualization

## Module-5: Cloud Service Providers

* Cloud Service Provider Companies
* Amazon EC2AWS vs Azure vs GCP

## Module-6: Miscellaneous

* Cloud Server
* Cloud Deployment Model
* Cloud Hypervisor
* Cloud Computing Examples
* Cloud Computing Jobs
* Features of Cloud Computing
* Multitenancy in Cloud computing
* Grid Computing
* Aneka in Cloud Computing
* Scaling in Cloud Computing
* How Does Multi-Cloud Differ from A Hybrid Cloud?
* Rapid Elasticity in Cloud Computing
* Fog computing vs Cloud computing