Course 4

Cloud : Cloud refer to network or remote machine or internet.

It is a technology that user remote server on the internet to store, manager, access data online rather than local machine. The data can any type.

Cloud computing provided different types of service

Deployment model

Service model

Deployment model : this model defines the type of access to the cloud

4 types

Public cloud : any type of user they can create the account and they can access those resource according to their requirements. AWS and Azure etc.

Private cloud : this type of cloud maintain by specific organization. Those modules can be access within that organization.

Hybrid cloud : it is a combination of public and private cloud.

Community cloud : this type of cloud maintain type group of company.

Service model : this model divided into 3 types.

1. IaaS: infrastructure as a service: hardware and software
2. PaaS: platform as a service : they provide us platform to deploy the application.
3. SaaS : software as a service : provide service for us. Sales force

AWS : java or mean stack or mern stack etc.

Azure : micro soft

Google cloud

Oracle cloud

Etc

AWS : Amazon Web Service

S3 : Amazon Simple Storage Service : it is a type of module provided storage service. We can store any type of data number, string , byte, jar or war files. S3 provided industry related task like scalability, data availability, security and performance etc.