* CB FSD - Integration and Deployment

Day 9 : 25 July 2024

**Cloud computing**

Cloud refer to internet.

In cloud rather than installing all required software or tool or database or etc those app resources like server, database present in internet. We need to access those resources on demand and pay base upon our use.

Cloud computing provided different types of services

Base upon service they are divided into two types.

1. Deployment model
2. Service model

Deployment model : deployment models defines the type of access to the cloud. The cloud mainly divided into 4 types.

1. Public cloud :This type of cloud allow to access publicly using logic details. AWS , Azure etc
2. Private cloud : This type of cloud allow within a organization.
3. Hybrid cloud : combination of public and private cloud.
4. Community cloud : this type of cloud maintain by more than one organization.

Service model : this model define what type of service they provide. Mainly it divided into 3 types.

1. IaaS : infrastructure as a Service

It provide access to fundamental resources such as VM Server machine, virtual storage, (hardware ) etc.

AWS

GCE

Azure

Oracle

Etc

1. PaaS : Platform as a Service:

It provide the runtime environment for applications, development and deployment tools etc. we need to deploy the application we maintain the life cycle of that application.

Heroku

OpenShift

AWS lambda

Google App engine

1. SaaS : Software as a Service

In this model it allow to use software application as a service.

Those software generally web based.

Google forms

Sales force

Cicso WebEx

Micro soft office 365

AWS

Azure

Google cloud

AWS : Amazon Web Service

AMI User

Root user

Type of user base upon roles assign

AWS : S3 modules

Simple Storage service (S3) like a google drive. Which help store any type of data.

Running angular project using node external module

As serve

Npm install -g serve

serve -s foldername