

# **Cloud Architecture**

In general there are 3 types of cloud Architecture {Service Models}

- SAAS – ( Software as a Service) – Building and Consuming Application, e.g.- Gmail, Yahoo, YouTube
- PAAS - ( Platform as a Service) – Deployment of DBMS
- IAAS - ( Infrastructure as a Service)

To support all these Service Provider must put all the infrastructure somewhere physically.

For public cloud service provider have got to put their infrastructure globally distributed in so many location and these location are normally known as regions.

Like : Mumbai Region, South Pacific Region. (In these locations amazon have their large infrastructure where all the data and hosting services of the users occurs).

## **#Future In Clouds:**

- Cloud Engineer
- Cloud Developer
- Solution Architect
- Cloud Arch
- Cloud-Consultant
- Dev-ops Professionals

- Migration Expert
- Big-Data Specialist
- AI-cloud Expert

## **AWS Brief:**

1. Aws is a public cloud means they have their own data centres across the world.
2. These data-centres are physically present in different regions spread across the globe
3. These data centres are connected with each other and have massive virtualisation layer is running on data centres

## **#Top 5 Cloud Infrastructure Service Providers:**

1. AMAZON: 31%
2. Microsoft : 9%
3. IBM Cloud : 7%
4. Google Cloud: 4%
5. Salesforce : 4%

**# AWS provide more than 130 services.**