Datacenter : the place where servers kept n all configurations made for them

Physical servers were very costly n on top of that we used to deploy only one application n remaining memory will be wasted so to deal with that we introduced to new concept named virtualization

Virtualization means on top of physical server we will be installing hypervisor n on top of that we can deploy many virtual machines which are full fledged operating systems n we can deploy applications on it

Cloud : It is a virtual space where store files, data and access various services over internet. We can consider it as some powerful computer kept over web which we can use for tasks without needing them physically. So we can access data an applications from anywhere with internet connection

Cloud computing : It provides delivery of computing services over internet. Instead of owing and managing infrastructure we can access data applications provided by thiry party or organization

Public Cloud : Shared computer space over internet, where anyone can use apps, store files

Private cloud : It’s having having our own laptop images, private computer space you n your team can only access

Hybrid cloud : combination of both private n public cloud