**Services:**

Service component in k8s provides 2 feature majorly.

1. Stable/statci network IP to communicate bewtwen nodes/pods
2. Automatic load balancing technique between pods/nodes

We have 3 types of services.

1. ClusterIP: it has scope within the cluster, no have exposure to end user and highly securable. (DB tier, app tier)
2. NodePort: it can expose to end user but less securable.(Web tiers)
3. LoadBalancing: it is provided by Cloud providers and serves exposer to outside network and securable as it secuirty taken care cloud provider. But is heavily costable, we raeplace this with ingress and ingress controller.

   