Problem - Kubernetes ke pod ephemeral hote hai..
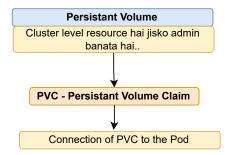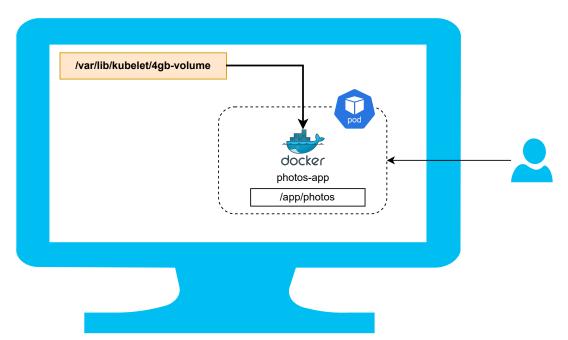
Persistant Volume
Cluster level resource hai jisko admin banata hai..

PVC - Persistant Volume Claim

Connection of PVC to the Pod

/var/lib/kubelet/4gb-volume

pod

docker
photos-app
/app/photos

Kubernetes Node

Storage Account FileShare

S3 Bucket

GCP Bucket

Persistant Volume is Cluster Level Resource...

Kubernetes

Persistant Volume

Persistant Volume

pv
Persistant Volume
az-tinku-pv
1TB

pvc
Persistant Volume Claim
tondu-pvc
100 GB

pvc
Persistant Volume Claim
dhondhu-pvc
100 GB

pod

docker
photos-app

volumeMounts:
- name: mango-volume
mountPath: /app/photos

volumes:
- name: mango-volume
persistantVolumeClaim:
claimName: tondu-pvc