Before deploying the below manifests, perform steps in the following web page:

<https://github.com/stacksimplify/aws-eks-kubernetes-masterclass/tree/master/04-EKS-Storage-with-EBS-ElasticBlockStore/04-01-Install-EBS-CSI-Driver>

apiVersion: storage.k8s.io/v1

kind: StorageClass

metadata:

name: ebs-sc

provisioner: ebs.csi.aws.com

volumeBindingMode: WaitForFirstConsumer

---

apiVersion: v1

kind: PersistentVolumeClaim

metadata:

name: ebs-mysql-pv-claim

spec:

accessModes:

- ReadWriteOnce

storageClassName: ebs-sc

resources:

requests:

storage: 4Gi

---

apiVersion: apps/v1

kind: Deployment

metadata:

name: nginx-deployment

labels:

app: nginx

spec:

replicas: 3

selector:

matchLabels:

app: nginx

template:

metadata:

labels:

app: nginx

spec:

containers:

- name: sreeutils

image: sreeharshav/utils

ports:

- containerPort: 8888

volumeMounts:

- name: mysql-persistent-storage

mountPath: /myebsvol

volumes:

- name: mysql-persistent-storage

persistentVolumeClaim:

claimName: ebs-mysql-pv-claim