Deploy and autoscale python app

example

3 PODS = running = 3000 users = 3 months

5 PODS = running = 5000 users = 4 months

**Step 1 : Create a horizontal pod autoscaler**

vim hpa.yaml

# hpa.yaml

apiVersion: autoscaling/v1

kind: HorizontalPodAutoscaler

metadata:

  name: python-hpa

spec:

  scaleTargetRef:

    apiVersion: apps/v1

    kind: Deployment

    name: python-deployment

  minReplicas: 3

  maxReplicas: 10

  targetCPUUtilizationPercentage: 80 ##aggrigiated approach of all pods

**step 2: create and list hpa with desired number of pods**

kubectl create -f hpa.yaml

kubectl get hpa

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AI-generated content may be incorrect.

====================== lab completes ========================