<https://portal.azure.com/#home> ~ azure portal

installing cli (python be installed):

$ brew update && brew install azure-cli

ref: <https://learn.microsoft.com/en-us/cli/azure/install-azure-cli-macos#unable-to-find-python-or-installed-packages>

Unable to find Python or installed packages

There may be a minor version mismatch or other issue during homebrew installation. The CLI doesn't use a Python virtual environment, so it relies on finding the installed Python version. A possible fix is to install and relink the python@3.10 dependency from Homebrew.:

$ brew update && brew install python@3.10 && brew upgrade python@3.10

$ brew link --overwrite [python@3.10](mailto:python@3.10)

cd to the project root directory

login:

$ az login

Create your cluster in azure portal and connect to it from your mac terminal;

Once you a cluster is completed on go to **overview** and and click on ‘connect to cluster’, copy and run the command on the resulting page to yout terminal to connect to your cluster:

$ az account set --subscription <subscription-id>

az aks get-credentials --resource-group <resource-group> --name <cluster-name>

deploy your app to Kubernetes, if you successfully deployed your app you should not have public external ip address (or Load balancer) pending when you run:

$ kubectl get svc #run this command to get external ip address for the Load Balancer

possible errors: pod has unbound immediate PersistentVolumeClaims.:

solution:

The persistentvolume-controller has failed to find a PV with a capacity size which is equal or higher then the value that was specified in the PV

# PVC

resources:

requests:

storage: 1Gi

# PV

capacity:

storage: 1Gi