**Installing a local kubernetes cluster with Helm (module)**

* **Installing kubernetes and Kubectl**

First make sure you have docker version 18.09 or higher installed on your host. If not go to the docker site <http://docs.docker.com> and start it.

Next download minikube, choose the link corresponding to your platform on minikube site( <http://minikube.sigs.k8s.io/>) and download it.

Install it to your local binaries directory and check its version then started with the minikube start command by default it should use the Docker driver.

Sudo install minikube-linux-amd64 /usr/local/bin/minikube

Minikube version

Minikube start

Then Install kubectl, make it executable and move it to your bin folder. Further check that the client and server versions of k8s are compatible.

Check status that cluster is running using minikube status command.

Next we need ingress support

Minikube addons enable ingress

* **Installing Helm**

First install the helm command line tool, go to the helm website and search for the installation documentation. Copy the link of the binary corresponding to your platform and download it and extract it.

To uninstall the mysql database from cluster use

Helm uninstall demo-msql (our own given name while installing mysql)