==Minikube== and KubeCTL

- **Minikube** is a tool that makes it easy ==to run **Kubernetes** locally==.

- **Minikube** runs a single-node **Kubernetes** cluster inside a Virtual Machine (VM) on your laptop for users looking to try out **Kubernetes** or develop with it day-to-day
  ==Feature==

  - DNS
  - NodePorts
  - ConfigMaps and Secrets
  - Dashboards
  - Container Runtime: [Docker](), [CRI-O](), and [containerd]()
  - Enabling CNI (Container Network Interface)
  - Ingress

Installation link as per OS

EC2 Linux install MiniKube
https://www.radishlogic.com/kubernetes/running-minikube-in-aws-ec2-ubuntu

https://kubernetes.io/docs/tasks/tools/install-minikube/

and first conform with bellow ==command output is not Empty==

```
grep -E --color 'vmx|svm' /proc/cpuinfo
```

KubeCTL

- **Kubectl** is a command line tool for controlling **Kubernetes** clusters.
Installation link as per OS:
https://docs.aws.amazon.com/eks/latest/userguide/install-kubectl.html