Before installing Minikube on Ubuntu using Docker, you need to ensure that the following prerequisites are met:

Docker: Minikube requires Docker to be installed on your Ubuntu system. You can install Docker by following the official Docker documentation for Ubuntu.

Kubectl: Minikube requires kubectl, the command-line tool for Kubernetes, to be installed on your Ubuntu system. You can install kubectl by following the official Kubernetes documentation for Ubuntu.

T2.medium ec2 , 20gb disk space required .

```
 4  sudo apt-get upgrade
 5  sudo apt-get update
 8  sudo apt-get install docker.io
 9  sudo snap install kubectl --classic
10  kubectl --version
11  curl -LO https://storage.googleapis.com/minikube/releases/latest/minikube-linux-amd64
12  sudo install minikube-linux-amd64 /usr/local/bin/minikube
13  sudo minikube start --driver=docker
15  sudo groupadd docker
16  sudo usermod -aG docker ubuntu
18  sudo reboot now
19  docker run hello-world
22  minikube start --driver=docker
23  kuberctl get nodes
```

What is minikube ?

Minikube is a tool for running a Kubernetes cluster locally on your computer for development and testing purp
oses.It is designed to make it easy for developers to run and experiment with Kubernetes features without nee
ding
access to a full-scale, production-grade Kubernetes cluster.
Minikube works by creating a singlenode Kubernetes cluster inside a virtual machine on your local machine.
It provides a simple commandline interface for starting and stopping the cluster, and for interacting with the
Kubernetes API and running applications on the cluster.
With Minikube, developers can test their applications in a Kubernetes environment, experiment with Kubernet
es
features like service discovery and load balancing, and gain experience with Kubernetes concepts and terminol
ogy. It is a popular tool among developers and DevOps engineers who work with Kubernetes