Install Docker on AMI instance

1. Update the installed packages and package cache on your instance.

**sudo yum update –y**

2. Install the most recent Docker Community Edition package.

**sudo yum install docker -y**

3. Start the Docker service.

**sudo service docker start**

4. Add the ec2-user to the docker group so you can execute Docker commands without using sudo.

**sudo usermod -a -G docker ec2-user**

5. Verify that the ec2-user can run Docker commands without sudo.

**docker --version or docker info**

**if u get permission denied error**

1. Create the docker group if it does not exist

$ sudo groupadd docker

1. Add your user to the docker group.

$ sudo usermod -aG docker $USER

1. Run the following command or Logout and login again and run (that doesn't work you may need to reboot your machine first)

$ newgrp docker

1. Check if docker can be run without root

$ docker run hello-world