**Task Description:**

Install docker on EC2 and explore the docker commands (docker images, containers, volumes, network)

**Step 1:** Launch an instance EC2 with *Amazon Linux 2023*

Instance name (**Vignesh\_Guvi\_Test\_Machine**)

A screenshot of a computer

Description automatically generated

**Step 2: Install Docker**

~ sudo yum install -y docker

A screenshot of a computer

Description automatically generated

**Step 3: Start the Docker service**

~ sudo service docker start

A black screen with white text

Description automatically generated

**Step 4: Add the ec2-user to the docker group**

~ sudo usermod -a -G docker ec2-user

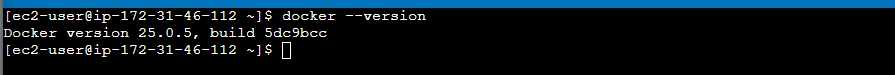
**A screenshot of a computer screen

Description automatically generated**

**Step 5: To verify Docker version**

~ docker –version

~ docker images

****

**A computer screen with white text

Description automatically generated**

**Step 6: Docker Commands (Images)**

~ docker images

~ docker pull ubuntu:latest

~ docker rmi ubuntu:latest

**A computer screen shot of a black screen

Description automatically generated**

**Step 7: Docker Commands (Containers)**

~ docker run -it ubuntu:latest /bin/bash

~ docker ps

~ docker ps -a

A computer screen with white text

Description automatically generated

**Step 8: Docker Commands (Volumes)**

**~** docker volume create my\_volume

~ docker volume ls

~ docker volume rm my\_volume

~ docker volume inspect my\_volume

**A screenshot of a computer program

Description automatically generated**

**Step 9 : Docker Commands (Network)**

~ docker network ls

~ docker network create vignesh

~ docker network inspect vignesh

~ docker network rm vignesh

**A screenshot of a computer screen

Description automatically generated**