**Project : Dockerized CI/CD Pipeline using Jenkins and Kubernetes**

**Objective:** Automate build, test, and deployment using Jenkins, Docker, and Kubernetes.

**Step 1:** Install Kubernetes on Ubuntu.

a. Install Dependencies.

b. Install kubectl.

c. Install minikube.

d. Start Minikube.

e. Check status.

**Step 2:** Create project

a. Create folder

b. Create Flask app

c. Create Docker File

d. Create requirements.txt

**Step 3:** Build and Push Docker Image.

**Step 4:** Connect Kubernetes to Docker

**Step 5:** Kubernetes Deployment

**Step 6:** How to stop and restart deployment

**Step 7:** Jenkins Pipeline