Git Hub

Create instances

AWS Web console

EC2

Add new products

Terraform  
Create instances

Use Webhooks and Jenkins

Dockerfile to install packages and run python

Poll SCM run every 1 hr.

1

Scenario

1 or 2

Python code to access mysql, excel or shared folder file

Git Hub

Run init, plan,  apply in shell

2

shell commands to install packages and run python

Webhook to git repo

Shell script to build docker image , run and push to hub