

1. Business Scenario

You will create a docker container for data process.

2. Business Requirements

- Please download the zip file from [HERE](#). This is the initial package for you to create this container.
- Please create a github repo and upload your dockerfile and final csv file to the repo. And send the github repo link to us.

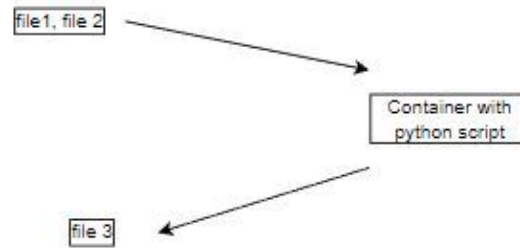
3. Specification Detail

1. In the file, there are 2 folders (input and output) and 1 python script. There are 2 csv files (t1 and t2) in the input folder.
2. What you need to do is create a image to generate a container, in the container, you will:
 - Use the python script to read the data from the input folder.
 - Write the result data into the output folder.
3. The python script is in the container.
4. The input and output folder is in the host, in another word, outside the container. What you need to do is to mount the 2 folders from the host to the container.
5. Try to make the container run first, and then run the python script. This means when you use docker run to start up the container, the python script will not run. The python script only runs when you give the container an order with command docker exec.
6. The python script is ready to use and you don't need to change it. But if you want, you can change the script for your requirements.

4. Diagram

The project diagram is as below:

Goal



Process

