

## Docker – Convert into Image and Container

Team ID	PNT2022TMID38699
Project Name	Plasma Donor Application

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.22621.819]
(c) Microsoft Corporation. All rights reserved.

C:\Users\kishore kumar\Desktop\Pda>docker build -t pda .
[*] Building 219.5s (11/11) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 208B
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load metadata for docker.io/library/python:3.10.6
=> [internal] load build context
=> => transferring context: 3.33kB
=> [1/6] FROM docker.io/library/python:3.10.6@sha256:745efd7b7e4aac9a8422bd8c62d8bc35a693e8979a248d29677cb03e6aa
=> CACHED [2/6] WORKDIR /app
=> CACHED [3/6] COPY requirements.txt ./
=> CACHED [4/6] RUN pip install -r requirements.txt
=> [5/6] RUN pip install ibm_db
=> [6/6] COPY . .
=> exporting to image
=> => exporting layers
=> => writing image sha256:13a3f96dea2de5af79dc3f04d957524f9aa54912be56b1db9bb3104eb024bdac
=> => naming to docker.io/library/pda

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

C:\Users\kishore kumar\Desktop\Pda>
```

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Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

C:\Users\kishore kumar\Desktop\Pda>docker run -p 5000:5000 pda
* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5000
* Running on http://172.17.0.3:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 877-205-231
```

Docker Desktop

Update to latest

Containers

Images

Volumes

Dev Environments

Extensions

Add Extensions

Images on disk

Last refresh: 1 minute ago

16 Images

3.42 GB total size

2.29 GB / 3.42 GB in use

Clean up

Images

Give Feedback

LOCAL

REMOTE REPOSITORIES

k8s.gcr.io/etcd	3.5.4-0	a8a176a5d5d6	6 months ago	299.52 MB
k8s.gcr.io/kube-apiserver	v1.25.0	4d2edfd10d3e	3 months ago	127.71 MB
k8s.gcr.io/kube-controller-ma...	v1.25.0	1a54c86c03a6	3 months ago	117.1 MB
k8s.gcr.io/kube-proxy	v1.25.0	58a9a0c6d96f	3 months ago	61.68 MB
k8s.gcr.io/kube-scheduler	v1.25.0	bef2cf311509	3 months ago	50.58 MB
k8s.gcr.io/pause	3.8	4873874c08ef	5 months ago	711.18 KB
kubernetes/dashboard	v2.6.1	783e2b6d87ed	3 months ago	245.72 MB
kubernetes/metrics-scraper	v1.0.8	115053965e86	6 months ago	43.82 MB
model	latest	2cf89fae32ec	3 days ago	904.54 MB
pda	latest	13a3f96dea2d	about 5 hours ago	1.1 GB

Connect to Remote Content

Not connected

Store and backup your images remotely

Collaborate with your team

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RAM 3.36GB

CPU 1.73%

Not connected to Hub

v4.12.0

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Search

In use only

NAME	TAG	IMAGE ID	CREATED	SIZE
alpine	latest	9c6f07244728	3 months ago	5.54 MB
docker/desktop-storage-provi...	v2.0	99f89471f470	over 1 year ago	41.85 MB
docker/desktop-vpnkit-contro...	v2.0	8c2c38aa676e	over 1 year ago	21.03 MB
hubproxy.docker.internal:500...	kubernetes-v1.25.0.cni-...	2042e761d17a	3 months ago	363.3 MB
jp.lcr.io/pda-01/pda	latest	13a3f96dea2d	about 5 hours ago	1.1 GB
k8s.gcr.io/coredns	v1.9.3	5185b96f0bec	6 months ago	48.8 MB
k8s.gcr.io/etcd	3.5.4-0	a8a176a5d5d6	6 months ago	299.52 MB

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## Running at Local Host

