

# Docker – Convert into Image and Container

```
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 0.0s
=> => transferring dockerfile: 208B 0.0s
=> [internal] load .dockerignore 0.0s
=> => transferring context: 2B 0.0s
=> [internal] load metadata for docker.io/library/python:3.10.6 1.0s
=> [internal] load build context 0.0s
=> => transferring context: 3.33kB 0.0s
=> [1/6] FROM docker.io/library/python:3.10.6@sha256:745efdfb7e4aac9a8422bd8c62d8bc35a693e8979a248d29677cb03e6aa 0.0s
=> CACHED [2/6] WORKDIR /app 0.0s
=> CACHED [3/6] COPY requirements.txt ./ 0.0s
=> CACHED [4/6] RUN pip install -r requirements.txt 0.0s
=> [5/6] RUN pip install ibm_db 216.5s
=> [6/6] COPY . . 0.1s
=> exporting to image 1.0s
=> => exporting layers 1.0s
=> => writing image sha256:13a3f96dea2de5af79dc3f04d957524f9aa54912be56b1db9bb3104eb024bdac 0.0s
=> => naming to docker.io/library/pda 0.0s

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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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
```

