Docker – Convert into Image and Container


```
Microsoft Windows [Version 10.0.22621.819]
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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                  1.8s
 => [internal] load build context                                                 0.0s
 => => transferring context: 3.33kB                                               0.0s
 => [1/6] FROM docker.io/library/python:3.10.6@sha256:745efdfb7e4aac9a8422bd8c62d8bc35a693e8979a240d29677cb83e6aa  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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 => [internal] load .dockerignore                                                 0.0s
 => => transferring context: 2B                                                   0.0s
 => [internal] load metadata for docker.io/library/python:3.10.6                  1.8s
 => [internal] load build context                                                 0.0s
 => => transferring context: 3.33kB                                               0.0s
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 => CACHED [2/6] WORKDIR /app                                                      0.0s
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 => => 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>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
```