AI TRENDS
Lab Exercise – 2

Name : **ADVAIT GURUNATH CHAVAN**
Email ID : **advaitchavan135@gmail.com**

CDAC – NOIDA
PGDAI

Name : ADVAIT GURUNATH CHAVAN
Email ID : advaitchavan135@gmail.com

Topic:DOCKER

SUBMIT via SCREENSHOTS

1. Create your image with dockerfile.
2. Build and deploy your application in the Docker.
3. Push your image into Docker hub as public repository.
4. Run the commands on Docker terminal

   $ docker pull
   $ docker images
   $ docker build
   $ docker run
   $ docker commit
   $ docker ps
   $ docker stop
   $ docker rm
   $ docker rmi

```
C:\Users\Advait\Desktop\CDAC\ASSIGNMENTS -- SOLUTIONS\MODULE 3 -- AI TRENDS\ASSIGNMENT_2>docker --version
Docker version 28.0.4, build b8034c0
```

https://hub.docker.com/repository/docker/advaitdoc1204/cdac_ai_trends_assignment_2/general

Life Insurance Corp... | YouTubewww.youtu... | - Digitally signed Sa... | My Captain | Classroom | Classroom Official_1 | Virtual Labs | Mathway | Calculus... | Inverse Laplace Tran... | inverse laplace 1/(s...

docker hub   Explore   **My Hub**

Search Docker Hub   CtrlK

advaitdoc1204
Docker Personal

Repositories / cdac_ai_trends_assignment_2 / General

Using 0 of 1 private repositories. Get more

Repositories

Settings

Default privacy

Notifications

Billing

Usage

Pulls

Storage

advaitdoc1204/cdac_ai_trends_assignment_2

Created less than a minute ago

Docker commands

Public view

To push a new tag to this repository:

```
docker push advaitdoc1204/cdac_ai_trends_as
signment_2:tagname
```

This Repository consists of all the files needed for CDAC Noida PGDAI AI Trends Assignment - 2

Add a category

General   Tags   Image Management BETA   Collaborators   Webhooks   Settings

Tags INCOMPLETE

DOCKER SCOUT INACTIVE

Activate

Pushed images appear here.

buildcloud

Build with
Docker Build Cloud

Accelerate image build times with access to cloud-based builders and shared cache.

Docker Build Cloud executes builds on optimally-dimensioned cloud infrastructure with dedicated per-organization isolation.

Get faster builds through shared caching across your team, native multi-platform support, and encrypted data transfer - all without managing infrastructure.

Type here to search

Desktop   11:37   ENG   12-04-2025

docker desktop PERSONAL

Search Ctrl+K

Ask Gordon BETA

Containers

Images

Volumes

Builds

Docker Hub

Docker Scout

Extensions

Images Give feedback

View and manage your local and Docker Hub images. Learn more

Local Docker Hub repositories

Images are used to run containers

You can either build an image from a Dockerfile, or download an existing image to run

Search images to run

```
1  FROM node
2  RUN mkdir -p
3  WORKDIR /app
4  COPY packa
```
How do I run a container?

6 mins

docker hub-image **Run Docker Hub images**

5 mins

View more in the Learning center

Engine running RAM 1.94 GB CPU 0.25% Disk: 1.13 GB used (limit 1006.85 GB) Terminal v4.40.0

Name : ADVAIT GURUNATH CHAVAN
Email ID : advaitchavan135@gmail.com

C:\Windows\System32\cmd.exe

Microsoft Windows [Version 10.0.19045.5608]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Advait\Desktop\CDAC\ASSIGNMENTS -- SOLUTIONS\MODULE 3 -- AI TRENDS\ASSIGNMENT_2>docker --version
Docker version 28.0.4, build b8034c0

C:\Users\Advait\Desktop\CDAC\ASSIGNMENTS -- SOLUTIONS\MODULE 3 -- AI TRENDS\ASSIGNMENT_2>

app.py - Notepad

File Edit Format View Help

```python
from flask import Flask

app = Flask(__name__)

@app.route("/")
def hello():
    return "Hello, world! Welcome to my first program hosted on Docker"

if __name__ == "__main__":

    app.run(host="0.0.0.0", port=5000, debug=True)
```

Ln 10, Col 3   100%   Windows (CRLF)   UTF-8

```
C:\Users\Advait\Desktop\CDAC\ASSIGNMENTS -- SOLUTIONS\MODULE 3 -- AI TRENDS\ASSIGNMENT_2>type nul > Dockerfile
```

Name	Date modified	Type	Size
AI TRENDS _ LAB EXERCISE _ 2.pptx	12-04-2025 12:47	Microsoft PowerPo...	779 KB
app.py	12-04-2025 12:42	Python File	1 KB
Dockerfile	12-04-2025 12:47	File	1 KB
requirements.txt	12-04-2025 12:41	Text Document	1 KB

```
C:\Windows\System32\cmd.exe

Microsoft Windows [Version 10.0.19045.5608]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Advait\Desktop\CDAC\ASSIGNMENTS -- SOLUTIONS\MODULE 3 -- AI TRENDS\ASSIGNMENT_2>docker --version
Docker version 28.0.4, build b8034c0

C:\Users\Advait\Desktop\CDAC\ASSIGNMENTS -- SOLUTIONS\MODULE 3 -- AI TRENDS\ASSIGNMENT_2>FROM python:3.
'FROM' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\Advait\Desktop\CDAC\ASSIGNMENTS -- SOLUTIONS\MODULE 3 -- AI TRENDS\ASSIGNMENT_2>type nul > Doc

C:\Users\Advait\Desktop\CDAC\ASSIGNMENTS -- SOLUTIONS\MODULE 3 -- AI TRENDS\ASSIGNMENT_2>
```

Dockerfile - Notepad

File Edit Format View Help

```
FROM python:3.8-slim
WORKDIR /app
COPY . /app
RUN pip install -r requirements.txt
CMD ["python", "app.py"]
```

```
C:\Users\Advait\Desktop\CDAC\ASSIGNMENTS -- SOLUTIONS\MODULE 3 -- AI TRENDS\ASSIGNMENT_2>docker build -t ai_trends_assignment_2 .
[+] Building 64.5s (10/10) FINISHED                                                        docker:desktop-linux
 => [internal] load build definition from Dockerfile                                                      1.5s
 => => transferring dockerfile: 149B                                                                      0.0s
 => [internal] load metadata for docker.io/library/python:3.8-slim                                        7.3s
 => [auth] library/python:pull token for registry-1.docker.io                                             0.0s
 => [internal] load .dockerignore                                                                         0.7s
 => => transferring context: 2B                                                                           0.0s
 => [1/4] FROM docker.io/library/python:3.8-slim@sha256:1d52838af602b4b5a831beb13a0e4d073280665ea7be7f69ce2382f29c5a613f  21.8s
 => => resolve docker.io/library/python:3.8-slim@sha256:1d52838af602b4b5a831beb13a0e4d073280665ea7be7f69ce2382f29c5a613f  0.5s
 => => sha256:a3f1dfe736c5f959143f23d75ab522a60be2da902efac236f4fb2a153cc14a5d 14.53MB / 14.53MB          8.6s
 => => sha256:030d7bdc20a63e3d22192b292d006a69fa3333949f536d62865d1bd0506685cc 3.51MB / 3.51MB            5.5s
 => => sha256:302e3ee498053a7b5332ac79e8efebec16e900289fc1ecd1c754ce8fa047fcab 29.13MB / 29.13MB         11.7s
 => => sha256:3971691a363796c39467aae4cdce6ef773273fe6bfc67154d01e1b589befb912 248B / 248B                1.1s
 => => extracting sha256:302e3ee498053a7b5332ac79e8efebec16e900289fc1ecd1c754ce8fa047fcab                 1.9s
 => => extracting sha256:030d7bdc20a63e3d22192b292d006a69fa3333949f536d62865d1bd0506685cc                 0.6s
 => => extracting sha256:a3f1dfe736c5f959143f23d75ab522a60be2da902efac236f4fb2a153cc14a5d                 1.0s
 => => extracting sha256:3971691a363796c39467aae4cdce6ef773273fe6bfc67154d01e1b589befb912                 0.6s
 => [internal] load build context                                                                         3.0s
 => => transferring context: 984.77kB                                                                     0.1s
 => [2/4] WORKDIR /app                                                                                     6.5s
 => [3/4] COPY . /app                                                                                      1.3s
 => [4/4] RUN pip install -r requirements.txt                                                             11.7s
 => exporting to image                                                                                     9.4s
 => => exporting layers                                                                                    5.5s
 => => exporting manifest sha256:2b9bde72e03d0cf95347be30873c2e7b28166ca8bdec45d2f66fd48b71570e68         0.5s
 => => exporting config sha256:09a8e2d2cd220550c9f3ea7e38162adf29e2a98dd6c11b392e2366f21498488d           0.6s
 => => exporting attestation manifest sha256:64427a8275beac8b5305b89d4b94a977f70abb93404cad7919c97eee1d64348e  0.6s
 => => exporting manifest list sha256:d6a226b8bca639b29120409839857d18b160d75d06854d8ddcc70d3f3a6242fa    0.3s
 => => naming to docker.io/library/ai_trends_assignment_2:latest                                          0.1s
 => => unpacking to docker.io/library/ai_trends_assignment_2:latest                                       1.6s

C:\Users\Advait\Desktop\CDAC\ASSIGNMENTS -- SOLUTIONS\MODULE 3 -- AI TRENDS\ASSIGNMENT_2>
```

```
C:\Users\Advait\Desktop\CDAC\ASSIGNMENTS -- SOLUTIONS\MODULE 3 -- AI TRENDS\ASSIGNMENT_2>docker run -d -p 5000:5000 ai_trends_assignment_2
885c7dc8b9b4532de72ea430b982011196e682c1b33fe375ae4f3d3cdecfee89
```

docker desktop PERSONAL

Search   Ctrl+K

Ask Gordon BETA

Containers

Images

Volumes

Builds

Docker Hub

Docker Scout

Extensions

Images   Give feedback

View and manage your local and Docker Hub images. Learn more

Local   Docker Hub repositories

156.51 MB / 0 Bytes in use   1 images

Last refresh: 29 minutes ago

Search

		Name	Tag	Image ID	Created	Size	Actions
	●	ai_trends_assignment_2	latest	d6a226b8bca6	2 minutes ago	209.06 MB	▶ ⋮ 🗑

Showing 1 item

Walkthroughs   ✕

```
1 FROM node
2 RUN mkdir -p
3 WORKDIR /app
4 COPY packa
```
How do I run a container?

6 mins

Run Docker Hub images

5 mins

View more in the Learning center

Engine running   ‖   RAM 0.89 GB CPU 0.00%   Disk: 1.34 GB used (limit 1006.85 GB)   >_ Terminal   ✓ v4.40.0

docker desktop PERSONAL

Ask Gordon BETA

Containers

Images

Volumes

Builds

Docker Hub

Docker Scout

Extensions

Containers Give feedback

View all your running containers and applications. Learn more

Container CPU usage ⓘ

No containers are running.

Container memory usage ⓘ

No containers are running.

Show charts

🔍 Search

Only show running containers

	Name	Container ID	Image	Port(s)	CPU (%)	Last started	Actions
☐ 🗑 ○	goofy_wright	885c7dc8b9b4	ai_trends_assignment_2	5000:5000	N/A	53 seconds ago	▶ ⋮ 🗑

Showing 1 item

Walkthroughs ✕

Multi-container applications

8 mins

$ docker init Containerize your application

3 mins

View more in the Learning center

🐳 Engine running ‖ ⋮ RAM 0.89 GB CPU 0.25% Disk: 1.34 GB used (limit 1006.85 GB) >_ Terminal ✓ v4.40.0

docker desktop PERSONAL

Search   Ctrl+K

Ask Gordon BETA

Containers

Images

Volumes

Builds

Docker Hub

Docker Scout

Extensions

Images / ai_trends_assignment_2:latest

‹ **ai_trends_assignment_2:latest** IN USE
d6a226b8bca6

CREATED
3 minutes ago

SIZE
209.06 MB

Recommended fixes ⌄   Run ⌄   🗑

Analyzed by docker scout

Layers (14)

Vulnerabilities   Packages

Give feedback ⧉

0	ADD file:a9a95cfab16803be03e59ade41622ef5061cf90f...	85.2 MB
1	CMD ["bash"]	0 B
2	ENV PATH=/usr/local/bin:/usr/local/sbin:/usr/local/bin:/...	0 B
3	ENV LANG=C.UTF-8	0 B
4	RUN /bin/sh -c set -eux; apt-get update; apt-get install -y -...	10.35 MB
5	ENV GPG_KEY=E3FF2839C048B25C084DEBE9B26995E3...	0 B
6	ENV PYTHON_VERSION=3.8.20	0 B
7	RUN /bin/sh -c set -eux; savedAptMark="$(apt-mark show...	46.06 MB
8	RUN /bin/sh -c set -eux; for src in idle3 pip3 pydoc3 pytho...	16.38 KB
9	CMD ["python3"]	0 B
10	WORKDIR /app	8.19 KB

This image has not been analyzed
You can use Docker Scout to analyze local images and list its
vulnerabilities.

Start analysis

Enable background indexing in Settings so your results are always
ready.

Engine running   ‖   RAM 0.88 GB   CPU 0.00%   Disk: 1.34 GB used (limit 1006.85 GB)   >_ Terminal   ✓ v4.40.0

Type here to search

Name : ADVAIT GURUNATH CHAVAN
Email ID : advaitchavan135@gmail.com

```
C:\Users\Advait\Desktop\CDAC\ASSIGNMENTS -- SOLUTIONS\MODULE 3 -- AI TRENDS\ASSIGNMENT_2>docker tag ai_trends_assignment_2 advaitdoc1204/cdac_ai_trends_assignment_2

C:\Users\Advait\Desktop\CDAC\ASSIGNMENTS -- SOLUTIONS\MODULE 3 -- AI TRENDS\ASSIGNMENT_2>docker login
Authenticating with existing credentials... [Username: advaitdoc1204]

i Info → To login with a different account, run 'docker logout' followed by 'docker login'


Login Succeeded

C:\Users\Advait\Desktop\CDAC\ASSIGNMENTS -- SOLUTIONS\MODULE 3 -- AI TRENDS\ASSIGNMENT_2>docker push advaitdoc1204/cdac_ai_trends_assignment_2
Using default tag: latest
The push refers to repository [docker.io/advaitdoc1204/cdac_ai_trends_assignment_2]
aae9b8f8590d: Pushed
a3f1dfe736c5: Pushed
3971691a3637: Pushed
6de323f1db8a: Pushed
8b0dc168f9d5: Pushed
302e3ee49805: Pushed
030d7bdc20a6: Pushed
cc0923977ae9: Pushed
latest: digest: sha256:d6a226b8bca639b29120409839857d18b160d75d06854d8ddcc70d3f3a6242fa size: 856

C:\Users\Advait\Desktop\CDAC\ASSIGNMENTS -- SOLUTIONS\MODULE 3 -- AI TRENDS\ASSIGNMENT_2>
```

Sign in | advaitdoc1204/cdac_ai_trends_ass... | ASSIGNMENT 2 | New tab | Microsoft Copilot: Your AI compa...

https://hub.docker.com/repository/docker/advaitdoc1204/cdac_ai_trends_assignment_2/general

Life Insurance Corp... | YouTubewww.youtu... | - Digitally signed Sa... | My Captain | Classroom | Classroom Official_1 | Virtual Labs | Mathway | Calculus... | Inverse Laplace Tran... | inverse laplace 1/(s...

Repositories

Settings

Billing

Usage

Pulls

Storage

Created about 1 hour ago

This Repository consists of all the files needed for CDAC Noida PGDAI AI Trends Assignment - 2

Add a category

General   Tags   Image Management BETA   Collaborators   Webhooks   Settings

To push a new tag to this repository:

```
docker push advaitdoc1204/cdac_ai_trends_as
signment_2:tagname
```

Tags

DOCKER SCOUT INACTIVE
Activate

This repository contains 0 tag(s).

Tag	OS	Type	Pulled	Pushed
latest	🐧	Image	less than 1 day	1 minute

See all

buildcloud

Build with
Docker Build Cloud

Accelerate image build times with access to cloud-based builders and shared cache.

Docker Build Cloud executes builds on optimally-dimensioned cloud infrastructure with dedicated per-organization isolation.

Get faster builds through shared caching across your team, native multi-platform support, and encrypted data transfer - all without managing infrastructure.

Go to Docker Build Cloud →

Repository overview ⓘ INCOMPLETE
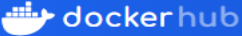
Type here to search

Sign in | Docker Hub | ASSIGNMENT 2 | New tab | Microsoft Copilot: Your AI compar

https://hub.docker.com/repository/docker/advaitdoc1204/cdac_ai_trends_assignment_2/tags/latest/sha256-2b9bde72e03d0cf95347be30873c2e7b28166ca8bdec45d2f66fd48b71570e68

Life Insurance Corp... | YouTubewww.youtu... | - Digitally signed Sa... | My Captain | Classroom | Classroom Official_1 | Virtual Labs | Mathway | Calculus... | Inverse Laplace Tran... | inverse laplace 1/(s...

docker hub   Explore   My Hub

Search Docker Hub   CtrlK

advaitdoc1204
Docker Personal

Repositories

Settings

Billing

Usage

Pulls

Storage

Repositories / cdac_ai_trends_assignment_2 / Tags / latest

advaitdoc1204/cdac_ai_trends_assignment_2:latest

Delete Tag

INDEX DIGEST   sha256:d6a226b8bca639b29120409839857d18b160d75d06854d8ddcc70d3f3a6242fa

OS/ARCH	COMPRESSED SIZE ⓘ	LAST PUSHED	TYPE	MANIFEST DIGEST
linux/amd64	50.1 MB	1 minute by advaitdoc1204	Image	sha256:2b9bde72...

Image Layers   Vulnerabilities

Image Layers ⓘ

1 ADD file ... in /		27.78 MB
2 CMD ["bash"]		0 B
3 ENV PATH=/usr/local/bin:/usr/local/sbin:/usr/local/bin:/usr/sb…		0 B
4 ENV LANG=C.UTF-8		0 B
5 RUN /bin/sh -c set -eux;		3.35 MB

Command

```
ADD file:a9a95cfab16803be03e59ade41622ef5061cf90f2d034304fe4ac1ee9ff30389
```

Type here to search   Desktop   12:57   12-04-2025   ENG

Name : ADVAIT GURUNATH CHAVAN
Email ID : advaitchavan135@gmail.com

```
C:\Users\Advait\Desktop\CDAC\ASSIGNMENTS -- SOLUTIONS\MODULE 3 -- AI TRENDS\ASSIGNMENT_2>docker pull advaitdoc1204/cdac_ai_trends_assignment_2
Using default tag: latest
latest: Pulling from advaitdoc1204/cdac_ai_trends_assignment_2
Digest: sha256:d6a226b8bca639b29120409839857d18b160d75d06854d8ddcc70d3f3a6242fa
Status: Image is up to date for advaitdoc1204/cdac_ai_trends_assignment_2:latest
docker.io/advaitdoc1204/cdac_ai_trends_assignment_2:latest
```

docker desktop PERSONAL

Q Search   Ctrl+K

Ask Gordon BETA
Containers
Images
Volumes
Builds

Docker Hub
Docker Scout

Extensions

Images Give feedback ⧉

View and manage your local and Docker Hub images. Learn more ⧉

Local   Docker Hub repositories

156.51 MB / 0 Bytes in use   1 images

Last refresh: 36 minutes ago

Q Search

		Name	Tag	Image ID	Created	Size	Actions
☐	●	advaitdoc1204/cdac_ai_trends_assig	latest	d6a226b8bca6	8 minutes ago	209.06 MB	▷ ⋮ 🗑
☐	●	ai_trends_assignment_2	latest	d6a226b8bca6	8 minutes ago	209.06 MB	▷ ⋮ 🗑

Showing 2 items

Walkthroughs ✕

```
1 FROM node
2 RUN mkdir -p
3 WORKDIR /app
4 COPY packa
```
How do I run a container?
6 mins

docker hub-image **Run Docker Hub images**
5 mins

View more in the Learning center

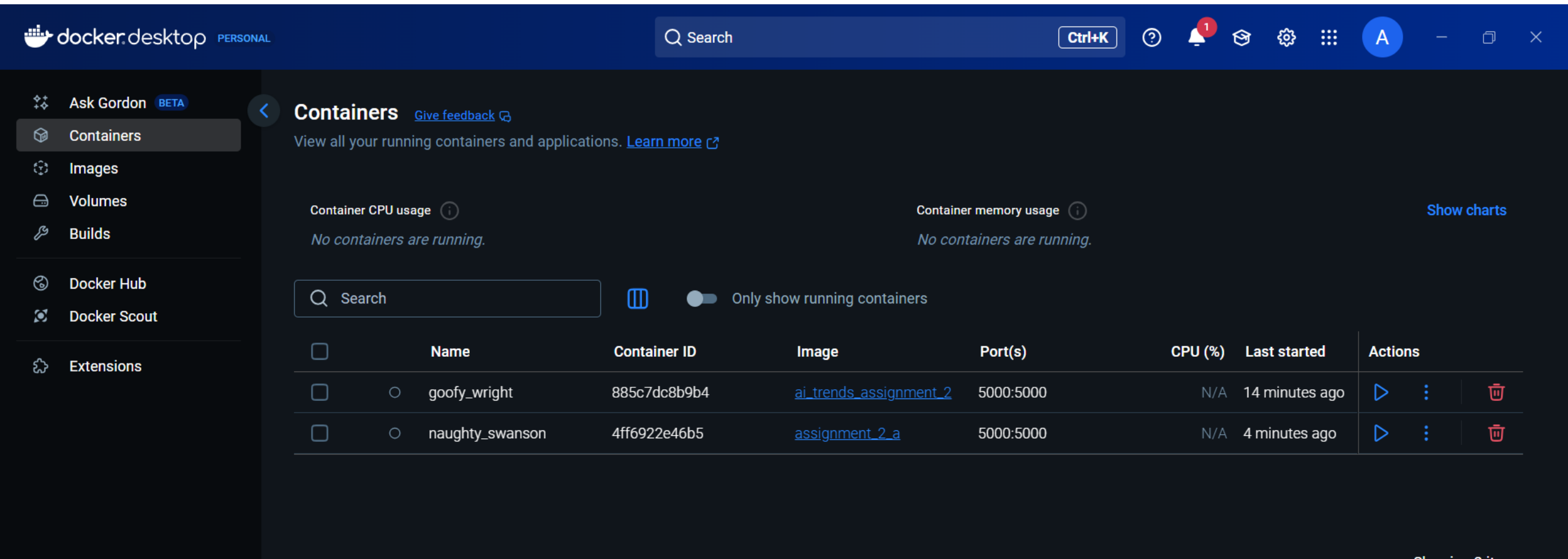Engine running   RAM 0.94 GB   CPU 0.00%   Disk: 1.34 GB used (limit 1006.85 GB)   >_ Terminal   ✓ v4.40.0

Name : ADVAIT GURUNATH CHAVAN
Email ID : advaitchavan135@gmail.com

```
C:\Users\Advait\Desktop\CDAC\ASSIGNMENTS -- SOLUTIONS\MODULE 3 -- AI TRENDS\ASSIGNMENT_2>docker images
REPOSITORY                                  TAG          IMAGE ID        CREATED         SIZE
advaitdoc1204/cdac_ai_trends_assignment_2   latest       d6a226b8bca6    8 minutes ago   209MB
ai_trends_assignment_2                      latest       d6a226b8bca6    8 minutes ago   209MB
```

```
C:\Users\Advait\Desktop\CDAC\ASSIGNMENTS -- SOLUTIONS\MODULE 3 -- AI TRENDS\ASSIGNMENT_2>docker build -t assignment_2_a .
[+] Building 30.5s (10/10) FINISHED                                                          docker:desktop-linux
 => [internal] load build definition from Dockerfile                                                         0.3s
 => => transferring dockerfile: 149B                                                                         0.1s
 => [internal] load metadata for docker.io/library/python:3.8-slim                                           2.8s
 => [auth] library/python:pull token for registry-1.docker.io                                                0.0s
 => [internal] load .dockerignore                                                                            0.2s
 => => transferring context: 2B                                                                              0.0s
 => [1/4] FROM docker.io/library/python:3.8-slim@sha256:1d52838af602b4b5a831beb13a0e4d073280665ea7be7f69ce2382f29c5a613f   0.4s
 => => resolve docker.io/library/python:3.8-slim@sha256:1d52838af602b4b5a831beb13a0e4d073280665ea7be7f69ce2382f29c5a613f   0.4s
 => [internal] load build context                                                                            0.6s
 => => transferring context: 2.92MB                                                                          0.3s
 => CACHED [2/4] WORKDIR /app                                                                                 0.0s
 => [3/4] COPY . /app                                                                                         1.3s
 => [4/4] RUN pip install -r requirements.txt                                                               14.7s
 => exporting to image                                                                                       7.4s
 => => exporting layers                                                                                      3.6s
 => => exporting manifest sha256:c163805f2492fdb507e7eec03393013ac86ffb1073e8f58be3c8b0c9f97e79d3            0.3s
 => => exporting config sha256:84821c5606d341e78749445b26848dd69977cd939a270361cdb6609790f0e862              0.7s
 => => exporting attestation manifest sha256:7a6bdc921efb6aee0b704d828f4e45a951c6aaec19aa2488e99c4d0538870727  0.7s
 => => exporting manifest list sha256:a8794772c3c255d783dc4d03ed148272c492540c0125d7db7b085060d5a84aff       0.4s
 => => naming to docker.io/library/assignment_2_a:latest                                                     0.1s
 => => unpacking to docker.io/library/assignment_2_a:latest                                                  1.2s
```

```
C:\Users\Advait\Desktop\CDAC\ASSIGNMENTS -- SOLUTIONS\MODULE 3 -- AI TRENDS\ASSIGNMENT_2>docker run -d -p 5000:5000 assignment_2_a
4ff6922e46b53e1bbec31fbc917c4b3214052b7cd4753a01f925345aeabbe57a
```

Name : ADVAIT GURUNATH CHAVAN
Email ID : advaitchavan135@gmail.com

docker desktop PERSONAL

Search Ctrl+K

Images Give feedback ⎘

View and manage your local and Docker Hub images. Learn more ↗

Local Docker Hub repositories

Ask Gordon BETA
Containers
Images
Volumes
Builds

Docker Hub
Docker Scout

Extensions

173.32 MB / 0 Bytes in use 2 images

Last refresh: 39 minutes ago ↺

Search ▤ ▥

		Name	Tag	Image ID	Created	Size	Actions
☐	●	advaitdoc1204/cdac_ai_trends_assign	latest	d6a226b8bca6	12 minutes ag	209.06 MB	▷ ⋮ 🗑
☐	●	ai_trends_assignment_2	latest	d6a226b8bca6	12 minutes ag	209.06 MB	▷ ⋮ 🗑
☐	●	assignment_2_a	latest	a8794772c3c2	1 minute ago	212.77 MB	▷ ⋮ 🗑

Showing 3 items

Walkthroughs ✕

```
1  FROM node
2  RUN mkdir -p
3  WORKDIR /app
4  COPY packa
```
How do I run a container?

6 mins

docker
hub-image
Run Docker Hub images

5 mins

View more in the Learning center

Engine running ‖ ⋮ RAM 1.03 GB CPU 0.00% Disk: 1.38 GB used (limit 1006.85 GB) ≫ Terminal ✓ v4.40.0

```
C:\Users\Advait\Desktop\CDAC\ASSIGNMENTS -- SOLUTIONS\MODULE 3 -- AI TRENDS\ASSIGNMENT_2>docker commit 4ff6922e46b53e1bbec31fbc917c4b3214052b7cd4753a01f925345aeabbe57a assignment_2_b
sha256:73ce365482a83added683ef454a4a60de1d32a6d3987db9704ba3bc52d8f170c
```

docker desktop **PERSONAL**

Search   Ctrl+K

Images Give feedback 🗨

View and manage your local and Docker Hub images. Learn more ⬏

Local   Docker Hub repositories

173.32 MB / 0 Bytes in use 3 images

Last refresh: 41 minutes ago ↺

Search

		Name	Tag	Image ID	Created	Size	Actions
☐	●	advaitdoc1204/cdac_ai_trends_assigi	latest	d6a226b8bca6	14 minutes ag	209.06 MB	▷ ⋮ 🗑
☐	●	ai_trends_assignment_2	latest	d6a226b8bca6	14 minutes ag	209.06 MB	▷ ⋮ 🗑
☐	●	assignment_2_a	latest	a8794772c3c2	4 minutes ago	212.77 MB	▷ ⋮ 🗑
☐	○	assignment_2_b	latest	73ce365482a8	37 seconds ag	212.97 MB	▷ ⋮ 🗑

Showing 4 items

Walkthroughs   ✕

```
1 FROM node
2 RUN mkdir -p
3 WORKDIR /app
4 COPY packa
```
How do I run a container?

6 mins

docker hub-image **Run Docker Hub images**

5 mins

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Engine running   RAM 1.09 GB CPU 1.01%   Disk: 1.38 GB used (limit 1006.85 GB)   >_ Terminal   ✓ v4.40.0

```
C:\Users\Advait\Desktop\CDAC\ASSIGNMENTS -- SOLUTIONS\MODULE 3 -- AI TRENDS\ASSIGNMENT_2>docker ps
CONTAINER ID    IMAGE          COMMAND        CREATED      STATUS        PORTS        NAMES

C:\Users\Advait\Desktop\CDAC\ASSIGNMENTS -- SOLUTIONS\MODULE 3 -- AI TRENDS\ASSIGNMENT_2>docker ps -a
CONTAINER ID    IMAGE                    COMMAND           CREATED           STATUS                  PORTS        NAMES
4ff6922e46b5    assignment_2_a           "python app.py"   3 minutes ago     Exited (1) 3 minutes ago             naughty_swanson
885c7dc8b9b4    ai_trends_assignment_2   "python app.py"   13 minutes ago    Exited (1) 13 minutes ago            goofy_wright
```

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Container CPU usage   ⓘ

No containers are running.

Container memory usage   ⓘ

No containers are running.

Show charts

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◻ Only show running containers

		Name	Container ID	Image	Port(s)	CPU (%)	Last started	Actions
☐	○	goofy_wright	885c7dc8b9b4	ai_trends_assignment_2	5000:5000	N/A	14 minutes ago	▷ ⋮ 🗑
☐	○	naughty_swanson	4ff6922e46b5	assignment_2_a	5000:5000	N/A	4 minutes ago	▷ ⋮ 🗑

```
C:\Users\Advait\Desktop\CDAC\ASSIGNMENTS -- SOLUTIONS\MODULE 3 -- AI TRENDS\ASSIGNMENT_2>docker stop 885c7dc8b9b4532de72ea430b982011196e682c1b33fe375ae4f3d3cdecfee89
885c7dc8b9b4532de72ea430b982011196e682c1b33fe375ae4f3d3cdecfee89
```

```
C:\Users\Advait\Desktop\CDAC\ASSIGNMENTS -- SOLUTIONS\MODULE 3 -- AI TRENDS\ASSIGNMENT_2>docker rm 4ff6922e46b53e1bbec31fbc917c4b3214052b7cd4753a01f925345aeabbe57a
4ff6922e46b53e1bbec31fbc917c4b3214052b7cd4753a01f925345aeabbe57a
```

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Container CPU usage   **Container memory usage**   Show charts

No containers are running.   No containers are running.

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		Name	Container ID	Image	Port(s)	CPU (%)	Last started	Actions
		goofy_wright	885c7dc8b9b4	ai_trends_assignment_2	5000:5000	N/A	17 minutes ago	▶ ⋮ 🗑

Showing 1 item

Walkthroughs   ✕

	Multi-container applications		**Containerize your application**
	8 mins	$ docker init	3 mins

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Engine running   RAM 0.92 GB CPU 1.25%   Disk: 1.38 GB used (limit 1006.85 GB)   >_ Terminal   ✓ v4.40.0

Name : ADVAIT GURUNATH CHAVAN
Email ID : advaitchavan135@gmail.com

```
C:\Users\Advait\Desktop\CDAC\ASSIGNMENTS -- SOLUTIONS\MODULE 3 -- AI TRENDS\ASSIGNMENT_2>docker rmi sha256:73ce365482a83added683ef454a4a60de1d32a6d3987db9704ba3bc52d8f170c
Untagged: assignment_2_b:latest
Deleted: sha256:73ce365482a83added683ef454a4a60de1d32a6d3987db9704ba3bc52d8f170c
```


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Local   Docker Hub repositories

156.51 MB / 0 Bytes in use   2 images

Last refresh: 47 minutes ago

		Name	Tag	Image ID	Created	Size	Actions
☐	●	advaitdoc1204/cdac_ai_trends_assign	latest	d6a226b8bca6	20 minutes ag	209.06 MB	▷ ⋮ 🗑
☐	●	ai_trends_assignment_2	latest	d6a226b8bca6	20 minutes ag	209.06 MB	▷ ⋮ 🗑
☐	○	assignment_2_a	latest	a8794772c3c2	9 minutes ago	212.77 MB	▷ ⋮ 🗑

Showing 3 items

Walkthroughs

```
1 FROM node
2 RUN mkdir -p
3 WORKDIR /app
4 COPY packa
```
How do I run a container?

6 mins

Run Docker Hub images

5 mins

View more in the Learning center

Engine running   RAM 0.98 GB   CPU 0.00%   Disk: 1.38 GB used (limit 1006.85 GB)   Terminal   v4.40.0