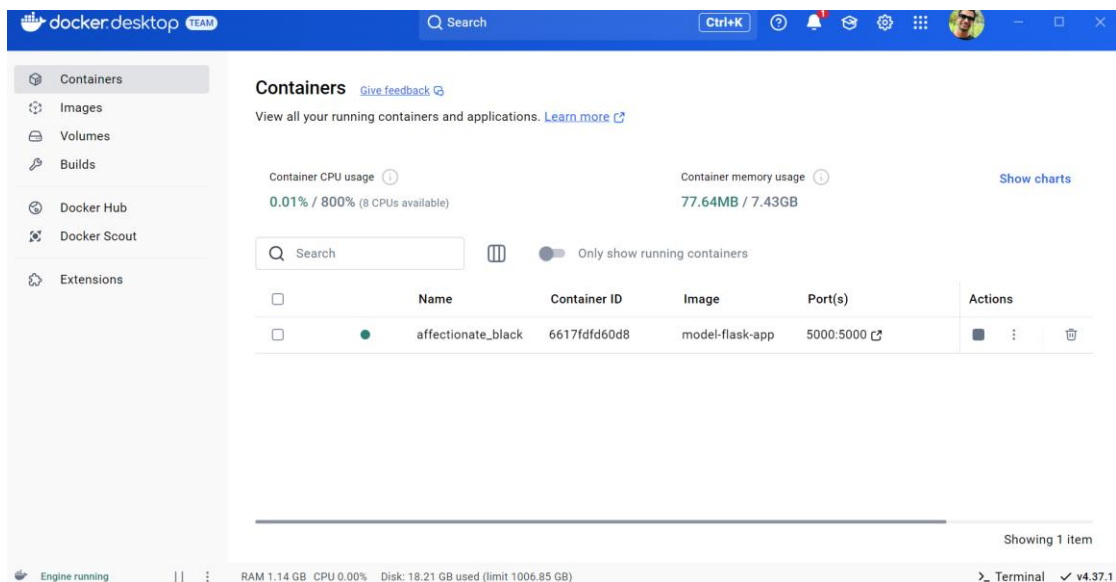


Screenshots of the Model Running in a Docker Container

- Docker Container Serving the Flask Model App Running in a Terminal

```
(mlops) PS C:\BITS\Sem_3\4_MLOps\Assignments\MLOps_Assignment\M3> docker run -p 5000:5000 model-flask-app
* Serving Flask app 'app'
* Debug mode: off
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://172.17.0.2:5000
Press CTRL+C to quit
172.17.0.1 - - [25/Jan/2025 20:55:04] "POST /predict HTTP/1.1" 200 -
172.17.0.1 - - [25/Jan/2025 20:55:24] "POST /predict HTTP/1.1" 200 -
172.17.0.1 - - [25/Jan/2025 20:55:31] "POST /predict HTTP/1.1" 200 -
172.17.0.1 - - [25/Jan/2025 20:55:36] "POST /predict HTTP/1.1" 200 -
172.17.0.1 - - [25/Jan/2025 20:55:48] "POST /predict HTTP/1.1" 200 -
172.17.0.1 - - [25/Jan/2025 20:55:55] "POST /predict HTTP/1.1" 200 -
172.17.0.1 - - [25/Jan/2025 20:56:18] "GET /predict HTTP/1.1" 405 -
172.17.0.1 - - [25/Jan/2025 20:56:18] "GET /favicon.ico HTTP/1.1" 404 -
```

- Docker Desktop showing the running container of **model-flask-app** Image



- Curl Request showing Response

```
Terminal  Local x Local (2) x + v
(mlops) PS C:\BITS\Sem_3\4_MLOps\Assignments\MLOps_Assignment> curl --request POST --header "Content-Type: application/json" --data '{"features": [5
.1, 3.5, 1.4, 0.2]}' http://localhost:5000/predict
{"prediction":0}
(mlops) PS C:\BITS\Sem_3\4_MLOps\Assignments\MLOps_Assignment>
```

- Postman Request with Responses

The screenshot displays the Postman application interface. At the top, there's a navigation bar with 'Home', 'Workspaces', and 'Explore' tabs, along with a search bar and user options like 'Sign In' and 'Create Account'. The main workspace is divided into three panels. The left panel, titled 'History', shows a list of recent requests, including several POST requests to 'http://localhost:5000/predict' and a list of dates from January 2 to January 24. The middle panel shows the details of a selected POST request to 'http://localhost:5000/predict'. It includes tabs for 'Params', 'Authorization', 'Headers (8)', 'Body', 'Pre-request Script', 'Tests', and 'Settings'. The 'Body' tab is active, showing a JSON payload:

```
{  "features": [    5.1,    3.5,    1.4,    0.2  ]}
```

. The right panel shows the response details, including 'Status: 200 OK', 'Time: 13 ms', and 'Size: 183 B'. It also has tabs for 'Body', 'Cookies', 'Headers (5)', and 'Test Results'. The 'Body' tab is active, showing a JSON response:

```
{  "prediction": 0}
```

. At the bottom of the interface, there's a status bar with icons for 'Console' and 'Not connected to a Postman account'.