Good afternoon

Filter by name, location, tag, or type

Sort by   Creation date ▼

Create instance

connect4-2
2 GB RAM, 2 vCPUs, 60 GB SSD

✔ Running

3.15.34.195
2600:1f16:14a7:0:7f40:9cc1:9e17:47b5
Ohio, Zone A

ⓘ

connect4-2 Info

Delete   Reboot   Stop

2 GB RAM, 2 vCPUs, 60 GB SSD

dj **Django**

AWS Region
🇺🇸 Ohio, Zone A
(us-east-2a)

Public IPv4 address
📋 3.15.34.195

Instance status
✅ Running

Private IPv4 address
📋 172.26.14.5

Networking type
Dual-stack

Change networking type

Public IPv6 address
📋 2600:1f16:14a7:0:7f40:9cc1:9e17:47b5

Connect   Metrics   Snapshots   Storage   Networking   Domains   Tags   History

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Connect to your instance Info

You can connect using your browser, or your own compatible SSH client.

Use your browser Info

Connect using our browser-based SSH client.

▸_ **Connect using SSH**

Use your own SSH client Info

Use the following credentials to connect to your instance.

Public IPv4 address
📋 3.15.34.195

Username
📋 bitnami

Public IPv6 address
📋 2600:1f16:14a7:0:7f40:9cc1:9e17:47b5

SSH key
This instance was created with a custom SSH key named **pranv_garg**.
Manage your SSH keys from your Account ↗ page.

```
The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.

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  *** Welcome to the Bitnami package for Django 4.2.17-0           ***
  *** Documentation:  https://docs.bitnami.com/aws/infrastructure/django/ ***
  ***                 https://docs.bitnami.com/aws/               ***
  *** Bitnami Forums: https://github.com/bitnami/vms/             ***
Last login: Sun Feb 16 22:39:36 2025 from 52.95.25.96
bitnami@ip-172-26-14-5:~$ cd app
bitnami@ip-172-26-14-5:~/app$ ls
cnn_model               generate_data.py            play_game_without_anvil.py   requirements.txt           trans_model
connect4.py             play_game_against_mcts.py   __pycache__                  resnet_cnn.py
docker-compose.yml      play_game.py                PYTHONFILE.py                transfomer_pytorch.py
Dockerfile              play_game_testing_failed.py README-Docker.txt            transformer_tensorflow.py
bitnami@ip-172-26-14-5:~/app$ cat Dockerfile
# FROM python:3.8
# FROM python:3.10
# ADD requirements.txt /
# RUN pip install -r /requirements.txt
# RUN mkdir /connect4_app/
# RUN chmod -R 777 /connect4_app
# ADD PYTHONFILE.py /connect4_app
# ENV PYTHONUNBUFFERED=1
# CMD [ "python", "connect4_app/PYTHONFILE.py" ]


# Use Python 3.10 as the base image
FROM python:3.10
# Copy requirements.txt to the container
ADD requirements.txt /connect4_app/
# Set working directory to /connect4_app
WORKDIR /connect4_app
# Install dependencies
RUN pip install -r requirements.txt
# Copy the entire project folder into the container
ADD . /connect4_app/
# Set permissions for the project folder
RUN chmod -R 777 /connect4_app
# Set environment variable for unbuffered logs
ENV PYTHONUNBUFFERED=1
# Run the main Python file
CMD ["python", "play_game.py"]bitnami@ip-172-26-14-5:~/app$
```

```
bitnami@ip-172-26-14-5:~/app$ cat docker-compose.yml
# version: "3"                              # < changed
services:
  anvil-uplink:
    container_name: anvil-uplink
    build:
      # build the image from the Dockerfile in the current directory
      context: .
    # if something fails or the server is restarted, the container will restart
    restart: always
    image: anvil-uplink
    volumes:
      # - /home:/FOLDERNAME
      # Mount the project directory for persistence
      - ./:/connect4_app                       # < changed
    working_dir: /connect4_app                 # < changed
    # command: ["python", "play_game.py"]      # < changed
    environment:
      # - ANVIL_APP_KEY=your-correct-anvil-uplink-key  # Provide Anvil Uplink key as an environment variable
      - CUDA_VISIBLE_DEVICES=-1
      - TF_CPP_MIN_LOG_LEVEL=2
      - TF_FORCE_GPU_ALLOW_GROWTH=false
      - TF_ENABLE_ONEDNN_OPTS=0
      - XLA_FLAGS=--xla_gpu_cuda_data_dir=
bitnami@ip-172-26-14-5:~/app$ sudo docker compose build                           docker:default
[+] Building 0.6s (12/12) FINISHED
 => [anvil-uplink internal] load build definition from Dockerfile                      0.0s
 => => transferring dockerfile: 834B                                                   0.0s
 => [anvil-uplink internal] load metadata for docker.io/library/python:3.10           0.5s
 => [anvil-uplink internal] load .dockerignore                                         0.0s
 => => transferring context: 2B                                                        0.0s
 => [anvil-uplink 1/6] FROM docker.io/library/python:3.10@sha256:76f22e4ce53774c1f5eb0ba145edb57b908e7aa329fee75e  0.0s
 => [anvil-uplink internal] load build context                                        0.0s
 => => transferring context: 959B                                                      0.0s
 => CACHED [anvil-uplink 2/6] ADD requirements.txt /connect4_app/                      0.0s
 => CACHED [anvil-uplink 3/6] WORKDIR /connect4_app                                    0.0s
 => CACHED [anvil-uplink 4/6] RUN pip install -r requirements.txt                      0.0s
 => CACHED [anvil-uplink 5/6] ADD . /connect4_app/                                     0.0s
 => CACHED [anvil-uplink 6/6] RUN chmod -R 777 /connect4_app                           0.0s
 => [anvil-uplink] exporting to image                                                  0.0s
 => => exporting layers                                                                0.0s
 => => writing image sha256:77b1a84ce99a8360a902b0120c4386cc8dce78427b72a89a86a3626b4e542bdc  0.0s
 => => naming to docker.io/library/anvil-uplink                                        0.0s
 => [anvil-uplink] resolving provenance for metadata file                             0.0s
[+] Building 1/1
 ✓ anvil-uplink  Built                                                                 0.0s
bitnami@ip-172-26-14-5:~/app$ sudo docker compose up -d
[+] Running 1/1
 ✓ Container anvil-uplink  Running                                                     0.0s
bitnami@ip-172-26-14-5:~/app$
```

connect4-2
3.15.34.195

```
anvil-uplink | Checking for winning move for minus. Legal moves: [0, 1, 2, 3, 4, 5, 6]
anvil-uplink | No winning move found.
anvil-uplink | AI using CNN model prediction: column 1
anvil-uplink | Loading model from cnn_model/best_resnet_model_76.h5...
anvil-uplink | Model loaded successfully from trans_model/transformer_best_67.h5
anvil-uplink | TESTING
anvil-uplink | Checking for winning move for plus. Legal moves: [0, 1, 2, 3, 4, 5, 6]
anvil-uplink | No winning move found.
anvil-uplink | Checking for winning move for minus. Legal moves: [0, 1, 2, 3, 4, 5, 6]
anvil-uplink | No winning move found.
anvil-uplink | Shape before prediction: (1, 6, 7, 2)
anvil-uplink | AI using Transformer model prediction: column 3
anvil-uplink | Loading model from cnn_model/best_resnet_model_76.h5...
anvil-uplink | Checking for winning move for plus. Legal moves: [0, 1, 2, 3, 4, 5, 6]
anvil-uplink | No winning move found.
anvil-uplink | Checking for winning move for minus. Legal moves: [0, 1, 2, 3, 4, 5, 6]
anvil-uplink | No winning move found.
anvil-uplink | AI using CNN model prediction: column 3
anvil-uplink | Checking for winning move for plus. Legal moves: [0, 1, 2, 3, 4, 5, 6]
anvil-uplink | No winning move found.
anvil-uplink | Checking for winning move for minus. Legal moves: [0, 1, 2, 3, 4, 5, 6]
anvil-uplink | No winning move found.
anvil-uplink | AI using CNN model prediction: column 5
anvil-uplink | Checking for winning move for plus. Legal moves: [0, 1, 2, 3, 4, 5, 6]
anvil-uplink | No winning move found.
anvil-uplink | Checking for winning move for minus. Legal moves: [0, 1, 2, 3, 4, 5, 6]
anvil-uplink | Winning move found at column 1
anvil-uplink | AI blocking opponent at column 1
anvil-uplink | Checking for winning move for plus. Legal moves: [0, 1, 2, 3, 4, 5, 6]
anvil-uplink | No winning move found.
anvil-uplink | Checking for winning move for minus. Legal moves: [0, 1, 2, 3, 4, 5, 6]
anvil-uplink | No winning move found.
anvil-uplink | AI using CNN model prediction: column 2
anvil-uplink | Checking for winning move for plus. Legal moves: [0, 1, 2, 3, 4, 5, 6]
anvil-uplink | No winning move found.
anvil-uplink | Checking for winning move for minus. Legal moves: [0, 1, 2, 3, 4, 5, 6]
anvil-uplink | No winning move found.
anvil-uplink | AI using CNN model prediction: column 3
anvil-uplink | Checking for winning move for plus. Legal moves: [0, 1, 2, 3, 4, 5, 6]
anvil-uplink | No winning move found.
anvil-uplink | Checking for winning move for minus. Legal moves: [0, 1, 2, 3, 4, 5, 6]
anvil-uplink | No winning move found.
anvil-uplink | AI using CNN model prediction: column 4
anvil-uplink | Checking for winning move for plus. Legal moves: [0, 1, 2, 3, 4, 5, 6]
anvil-uplink | No winning move found.
anvil-uplink | Checking for winning move for minus. Legal moves: [0, 1, 2, 3, 4, 5, 6]
anvil-uplink | No winning move found.
anvil-uplink | AI using CNN model prediction: column 1
anvil-uplink | Loading model from cnn_model/best_resnet_model_76.h5...
bitnami@ip-172-26-14-5:~/app$
```