

```
!pip install opendatasets --upgrade --quiet
```

```
import opendatasets as od
```

```
dataset_url = 'https://www.kaggle.com/srrrrrr/photo2cartoon'  
od.download(dataset_url)
```

Please provide your Kaggle credentials to download this dataset. Learn more: <http://bit.ly/kaggle-creds>
Your Kaggle username: shailysarker
Your Kaggle Key:

```
0%|          | 0.00/91.6M [00:00<?, ?B/s]
```

Downloading photo2cartoon.zip to ./photo2cartoon

```
100%|██████████| 91.6M/91.6M [00:03<00:00, 31.4MB/s]
```

```
import os
```

```
DATA_DIR = '/content/photo2cartoon'  
print(os.listdir(DATA_DIR))
```

```
['photo2cartoon']
```

```
from torch.utils.data import DataLoader  
from torchvision.datasets import ImageFolder  
import torchvision.transforms as T
```

```
image_size = 64  
batch_size = 128  
stats = (0.5, 0.5, 0.5), (0.5, 0.5, 0.5)
```

```
train_ds = ImageFolder(DATA_DIR, transform=T.Compose([  
    T.Resize(image_size),  
    T.CenterCrop(image_size),  
    T.ToTensor(),  
    T.Normalize(*stats)]))
```

```
train_dl = DataLoader(train_ds, batch_size, shuffle=True,  
num_workers=3, pin_memory=True)
```

```
/usr/local/lib/python3.7/dist-packages/torch/utils/data/  
dataloader.py:481: UserWarning: This DataLoader will create 3 worker  
processes in total. Our suggested max number of worker in current
```

system is 2, which is smaller than what this DataLoader is going to create. Please be aware that excessive worker creation might get DataLoader running slow or even freeze, lower the worker number to avoid potential slowness/freeze if necessary.

```
cpuset_checked))
```

```
import torch
from torchvision.utils import make_grid
import matplotlib.pyplot as plt
%matplotlib inline

def denorm(img_tensors):
    return img_tensors * stats[1][0] + stats[0][0]

def show_images(images, nmax=64):
    fig, ax = plt.subplots(figsize=(8, 8))
    ax.set_xticks([]); ax.set_yticks([])
    ax.imshow(make_grid(denorm(images.detach()[:nmax]),
nrow=8).permute(1, 2, 0))

def show_batch(dl, nmax=64):
    for images, _ in dl:
        show_images(images, nmax)
        break
```

```
show_batch(train_dl)
```

```
/usr/local/lib/python3.7/dist-packages/torch/utils/data/
dataloader.py:481: UserWarning: This DataLoader will create 3 worker
processes in total. Our suggested max number of worker in current
system is 2, which is smaller than what this DataLoader is going to
create. Please be aware that excessive worker creation might get
DataLoader running slow or even freeze, lower the worker number to
avoid potential slowness/freeze if necessary.
cpuset_checked))
```



```
def get_default_device():
    """Pick GPU if available, else CPU"""
    if torch.cuda.is_available():
        return torch.device('cuda')
    else:
        return torch.device('cpu')

def to_device(data, device):
    """Move tensor(s) to chosen device"""
    if isinstance(data, (list,tuple)):
        return [to_device(x, device) for x in data]
    return data.to(device, non_blocking=True)
```

```

class DeviceDataLoader():
    """Wrap a dataloader to move data to a device"""
    def __init__(self, dl, device):
        self.dl = dl
        self.device = device

    def __iter__(self):
        """Yield a batch of data after moving it to device"""
        for b in self.dl:
            yield to_device(b, self.device)

    def __len__(self):
        """Number of batches"""
        return len(self.dl)

device = get_default_device()
device

device(type='cuda')

train_dl = DeviceDataLoader(train_dl, device)

import torch.nn as nn

discriminator = nn.Sequential(
    # in: 3 x 64 x 64

    nn.Conv2d(3, 64, kernel_size=4, stride=2, padding=1, bias=False),
    nn.BatchNorm2d(64),
    nn.LeakyReLU(0.2, inplace=True),
    # out: 64 x 32 x 32

    nn.Conv2d(64, 128, kernel_size=4, stride=2, padding=1,
bias=False),
    nn.BatchNorm2d(128),
    nn.LeakyReLU(0.2, inplace=True),
    # out: 128 x 16 x 16

    nn.Conv2d(128, 256, kernel_size=4, stride=2, padding=1,
bias=False),
    nn.BatchNorm2d(256),
    nn.LeakyReLU(0.2, inplace=True),
    # out: 256 x 8 x 8

    nn.Conv2d(256, 512, kernel_size=4, stride=2, padding=1,
bias=False),
    nn.BatchNorm2d(512),
    nn.LeakyReLU(0.2, inplace=True),
    # out: 512 x 4 x 4

```

```

    nn.Conv2d(512, 1, kernel_size=4, stride=1, padding=0, bias=False),
    # out: 1 x 1 x 1

    nn.Flatten(),
    nn.Sigmoid())

discriminator = to_device(discriminator, device)

latent_size = 128

generator = nn.Sequential(
    # in: latent_size x 1 x 1

    nn.ConvTranspose2d(latent_size, 512, kernel_size=4, stride=1,
padding=0, bias=False),
    nn.BatchNorm2d(512),
    nn.ReLU(True),
    # out: 512 x 4 x 4

    nn.ConvTranspose2d(512, 256, kernel_size=4, stride=2, padding=1,
bias=False),
    nn.BatchNorm2d(256),
    nn.ReLU(True),
    # out: 256 x 8 x 8

    nn.ConvTranspose2d(256, 128, kernel_size=4, stride=2, padding=1,
bias=False),
    nn.BatchNorm2d(128),
    nn.ReLU(True),
    # out: 128 x 16 x 16

    nn.ConvTranspose2d(128, 64, kernel_size=4, stride=2, padding=1,
bias=False),
    nn.BatchNorm2d(64),
    nn.ReLU(True),
    # out: 64 x 32 x 32

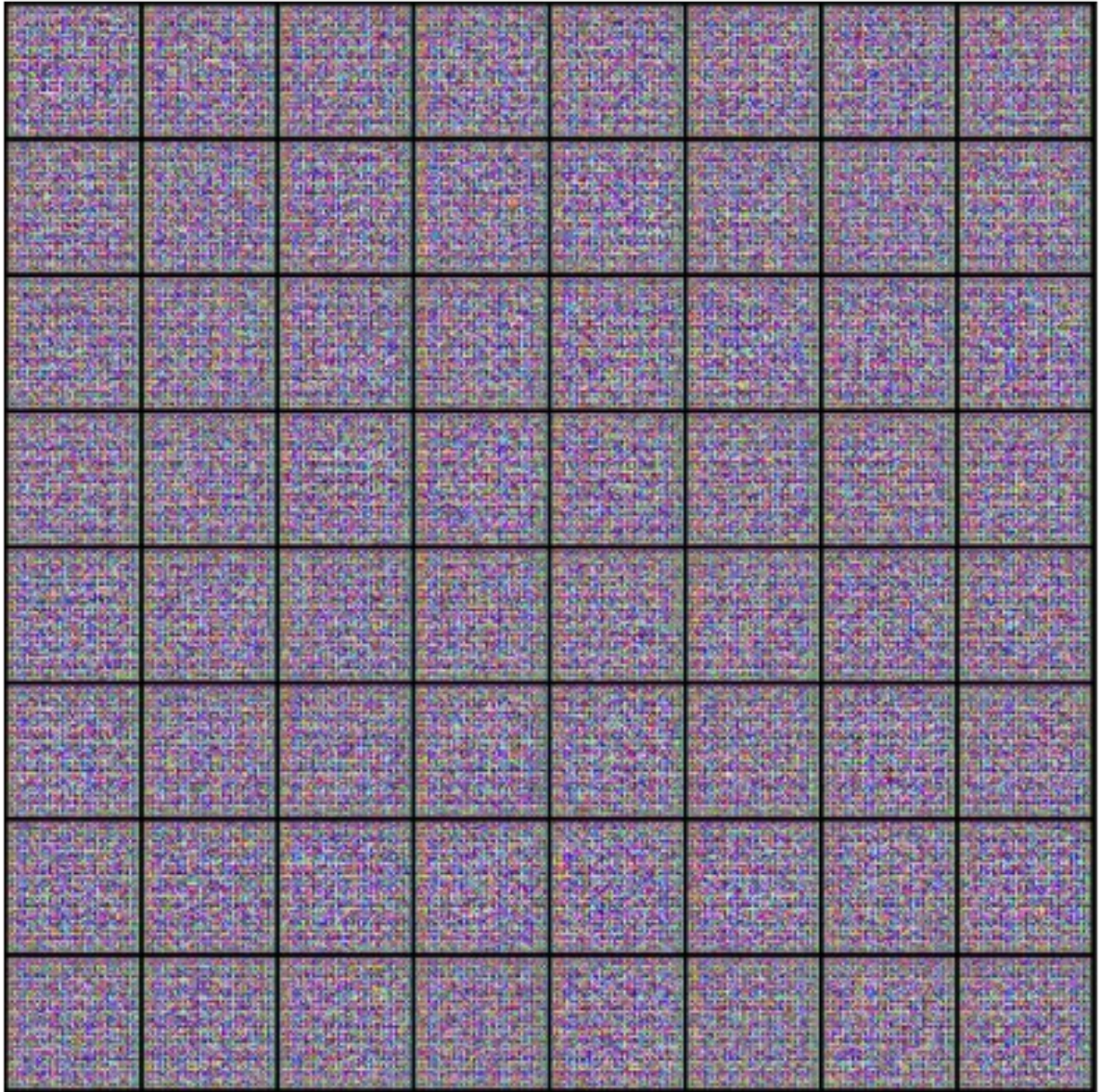
    nn.ConvTranspose2d(64, 3, kernel_size=4, stride=2, padding=1,
bias=False),
    nn.Tanh()
    # out: 3 x 64 x 64
)

xb = torch.randn(batch_size, latent_size, 1, 1) # random latent
tensors
fake_images = generator(xb)
print(fake_images.shape)
show_images(fake_images)

```



```
torch.Size([128, 3, 64, 64])
```



```
generator = to_device(generator, device)

def train_discriminator(real_images, opt_d):
    # Clear discriminator gradients
    opt_d.zero_grad()

    # Pass real images through discriminator
    real_preds = discriminator(real_images)
    real_targets = torch.ones(real_images.size(0), 1, device=device)
    real_loss = F.binary_cross_entropy(real_preds, real_targets)
    real_score = torch.mean(real_preds).item()
```

```

    # Generate fake images
    latent = torch.randn(batch_size, latent_size, 1, 1, device=device)
    fake_images = generator(latent)

    # Pass fake images through discriminator
    fake_targets = torch.zeros(fake_images.size(0), 1, device=device)
    fake_preds = discriminator(fake_images)
    fake_loss = F.binary_cross_entropy(fake_preds, fake_targets)
    fake_score = torch.mean(fake_preds).item()

    # Update discriminator weights
    loss = real_loss + fake_loss
    loss.backward()
    opt_d.step()
    return loss.item(), real_score, fake_score

def train_generator(opt_g):
    # Clear generator gradients
    opt_g.zero_grad()

    # Generate fake images
    latent = torch.randn(batch_size, latent_size, 1, 1, device=device)
    fake_images = generator(latent)

    # Try to fool the discriminator
    preds = discriminator(fake_images)
    targets = torch.ones(batch_size, 1, device=device)
    loss = F.binary_cross_entropy(preds, targets)

    # Update generator weights
    loss.backward()
    opt_g.step()

    return loss.item()

from torchvision.utils import save_image

sample_dir = 'Photo2Cartoon_generated'
os.makedirs(sample_dir, exist_ok=True)

def save_samples(index, latent_tensors, show=True):
    fake_images = generator(latent_tensors)
    fake_fname = 'generated-images-{:0=4d}.png'.format(index)
    save_image(denorm(fake_images), os.path.join(sample_dir,
fake_fname), nrow=8)
    print('Saving', fake_fname)
    if show:

```



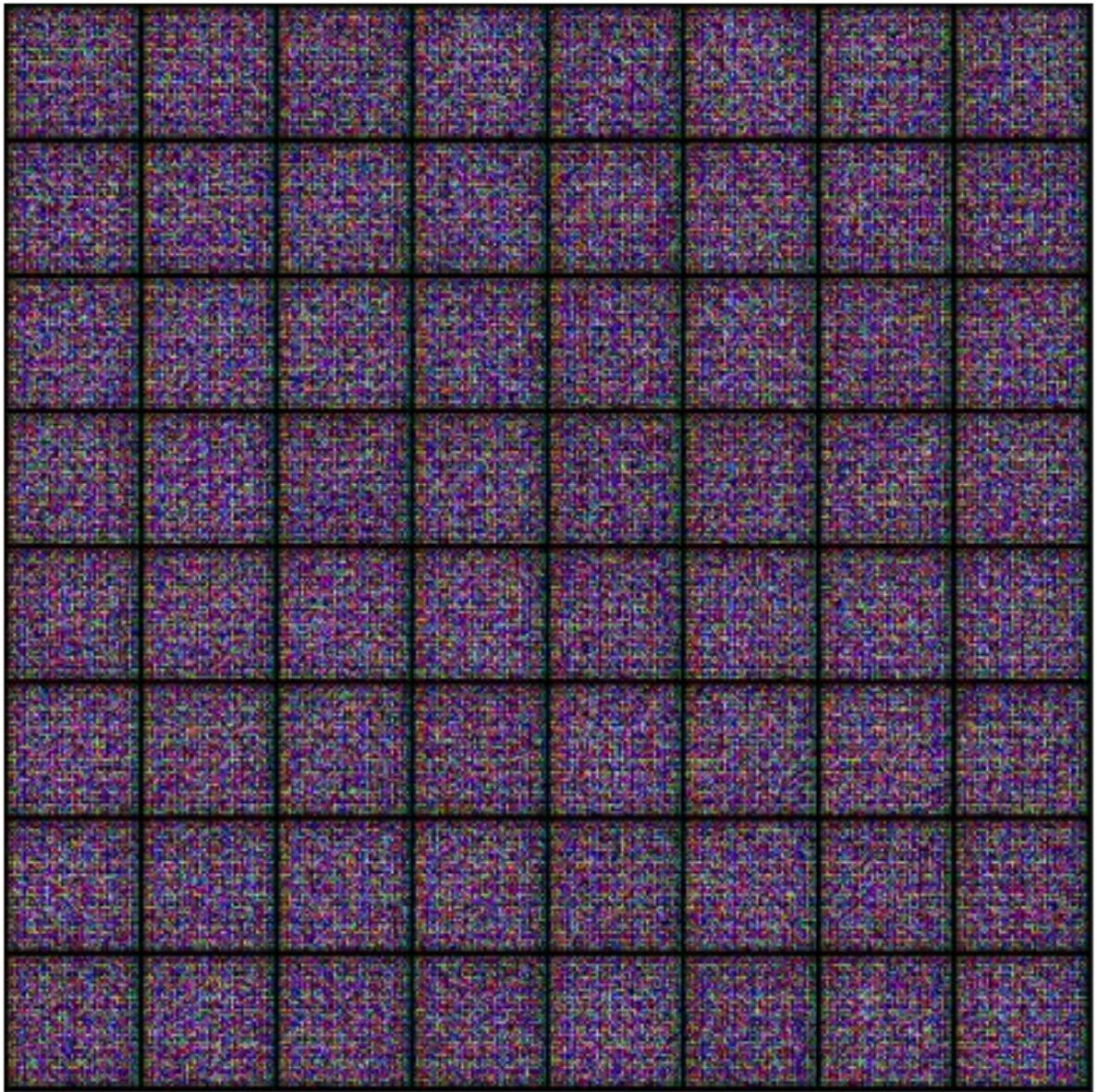
```
fig, ax = plt.subplots(figsize=(8, 8))
ax.set_xticks([]); ax.set_yticks([])
ax.imshow(make_grid(fake_images.cpu().detach(),
nrow=8).permute(1, 2, 0))

fixed_latent = torch.randn(64, latent_size, 1, 1, device=device)

save_samples(0, fixed_latent)

Clipping input data to the valid range for imshow with RGB data
([0..1] for floats or [0..255] for integers).

Saving generated-images-0000.png
```




```

from tqdm.notebook import tqdm
import torch.nn.functional as F

def fit(epochs, lr, start_idx=1):
    torch.cuda.empty_cache()

    # Losses & scores
    losses_g = []
    losses_d = []
    real_scores = []
    fake_scores = []

    # Create optimizers
    opt_d = torch.optim.Adam(discriminator.parameters(), lr=lr,
betas=(0.5, 0.999))
    opt_g = torch.optim.Adam(generator.parameters(), lr=lr,
betas=(0.5, 0.999))

    for epoch in range(epochs):
        for real_images, _ in tqdm(train_dl):
            # Train discriminator
            loss_d, real_score, fake_score =
train_discriminator(real_images, opt_d)
            # Train generator
            loss_g = train_generator(opt_g)

            # Record losses & scores
            losses_g.append(loss_g)
            losses_d.append(loss_d)
            real_scores.append(real_score)
            fake_scores.append(fake_score)

            # Log losses & scores (last batch)
            print("Epoch [{}/{}], loss_g: {:.4f}, loss_d: {:.4f},
real_score: {:.4f}, fake_score: {:.4f}".format(
epoch+1, epochs, loss_g, loss_d, real_score, fake_score))

            # Save generated images
            save_samples(epoch+start_idx, fixed_latent, show=False)

    return losses_g, losses_d, real_scores, fake_scores

lr = 0.0001
epochs = 500

history = fit(epochs, lr)

```

```
{"model_id": "2b343b1fd221443fb80c818300918bc9", "version_major": 2, "version_minor": 0}
```

```
/usr/local/lib/python3.7/dist-packages/torch/utils/data/  
dataloader.py:481: UserWarning: This DataLoader will create 3 worker  
processes in total. Our suggested max number of worker in current  
system is 2, which is smaller than what this DataLoader is going to  
create. Please be aware that excessive worker creation might get  
DataLoader running slow or even freeze, lower the worker number to  
avoid potential slowness/freeze if necessary.  
  cpuset_checked))
```

```
Epoch [1/500], loss_g: 4.6156, loss_d: 0.0789, real_score: 0.9849,  
fake_score: 0.0612  
Saving generated-images-0001.png
```

```
{"model_id": "03635241910248ec9d5c84beca068e9f", "version_major": 2, "version_minor": 0}
```

```
Epoch [2/500], loss_g: 5.6078, loss_d: 0.0395, real_score: 0.9885,  
fake_score: 0.0269  
Saving generated-images-0002.png
```

```
{"model_id": "11c07e9599c84129b5245e513bad7f62", "version_major": 2, "version_minor": 0}
```

```
Epoch [3/500], loss_g: 6.1412, loss_d: 0.0348, real_score: 0.9848,  
fake_score: 0.0167  
Saving generated-images-0003.png
```

```
{"model_id": "e23530eb77944608ae3a164cb615b032", "version_major": 2, "version_minor": 0}
```

```
Epoch [4/500], loss_g: 6.7186, loss_d: 0.0340, real_score: 0.9813,  
fake_score: 0.0117  
Saving generated-images-0004.png
```

```
{"model_id": "7e4d93c4c51b4ef9a07e3a6f95b136ef", "version_major": 2, "version_minor": 0}
```

```
Epoch [5/500], loss_g: 6.9692, loss_d: 0.0158, real_score: 0.9979,  
fake_score: 0.0136  
Saving generated-images-0005.png
```

```
{"model_id": "fff4054076904d4499595af49223c6a3", "version_major": 2, "version_minor": 0}
```

Epoch [6/500], loss_g: 7.1195, loss_d: 0.0140, real_score: 0.9941,
fake_score: 0.0080
Saving generated-images-0006.png

```
{"model_id": "3e5e771d8d8c4ef38c2c44c72f391cee", "version_major": 2, "version_minor": 0}
```

Epoch [7/500], loss_g: 6.9422, loss_d: 0.0186, real_score: 0.9897,
fake_score: 0.0078
Saving generated-images-0007.png

```
{"model_id": "60cc09c042744998a34e3d28443927fa", "version_major": 2, "version_minor": 0}
```

Epoch [8/500], loss_g: 7.5553, loss_d: 0.0091, real_score: 0.9989,
fake_score: 0.0079
Saving generated-images-0008.png

```
{"model_id": "59ded7b800614ba1a94e6ed6bf66f721", "version_major": 2, "version_minor": 0}
```

Epoch [9/500], loss_g: 7.2703, loss_d: 0.0171, real_score: 0.9889,
fake_score: 0.0057
Saving generated-images-0009.png

```
{"model_id": "c19ad11596c24ab694cc6b58c0cec2d6", "version_major": 2, "version_minor": 0}
```

Epoch [10/500], loss_g: 7.7176, loss_d: 0.0054, real_score: 0.9990,
fake_score: 0.0044
Saving generated-images-0010.png

```
{"model_id": "7b17a8cdb4414f878402ed4dca3879ed", "version_major": 2, "version_minor": 0}
```

Epoch [11/500], loss_g: 7.6871, loss_d: 0.0072, real_score: 0.9971,
fake_score: 0.0043
Saving generated-images-0011.png

```
{"model_id": "e21f5a09f3b94ec68e9a3c8ab5ee3471", "version_major": 2, "version_minor": 0}
```

Epoch [12/500], loss_g: 7.6551, loss_d: 0.0056, real_score: 0.9982,
fake_score: 0.0037
Saving generated-images-0012.png


```
{"model_id": "ad1b9d9f8e99455abbb6e03360c80912", "version_major": 2, "version_minor": 0}
```

Epoch [13/500], loss_g: 7.6937, loss_d: 0.0050, real_score: 0.9981, fake_score: 0.0031

Saving generated-images-0013.png

```
{"model_id": "91593dffccee498bbf8835e24420cfc2", "version_major": 2, "version_minor": 0}
```

Epoch [14/500], loss_g: 7.9013, loss_d: 0.0039, real_score: 0.9997, fake_score: 0.0037

Saving generated-images-0014.png

```
{"model_id": "eabel14beb61344caabc422e5bef4453f", "version_major": 2, "version_minor": 0}
```

Epoch [15/500], loss_g: 7.4467, loss_d: 0.0087, real_score: 0.9945, fake_score: 0.0029

Saving generated-images-0015.png

```
{"model_id": "4c597a00373a4ab7b29fcb035e9c12ea", "version_major": 2, "version_minor": 0}
```

Epoch [16/500], loss_g: 7.5258, loss_d: 0.0077, real_score: 0.9951, fake_score: 0.0025

Saving generated-images-0016.png

```
{"model_id": "ca317ed3992b4c3895ede6d63962b0a1", "version_major": 2, "version_minor": 0}
```

Epoch [17/500], loss_g: 7.4386, loss_d: 0.0135, real_score: 0.9895, fake_score: 0.0023

Saving generated-images-0017.png

```
{"model_id": "258fe1f2c15548bf90a4da4d1a312820", "version_major": 2, "version_minor": 0}
```

Epoch [18/500], loss_g: 7.9346, loss_d: 0.0053, real_score: 0.9967, fake_score: 0.0019

Saving generated-images-0018.png

```
{"model_id": "63f23cf4c504449ea37e56ad89851f80", "version_major": 2, "version_minor": 0}
```

Epoch [19/500], loss_g: 8.0387, loss_d: 0.0022, real_score: 0.9997,

```
fake_score: 0.0020
Saving generated-images-0019.png

{"model_id": "4f2c35ee00b142e6bac63ddb5873cbf0", "version_major": 2, "version_minor": 0}

Epoch [20/500], loss_g: 7.9491, loss_d: 0.0030, real_score: 0.9986,
fake_score: 0.0016
Saving generated-images-0020.png

{"model_id": "0333e116faaa49bb8163554020eed59e", "version_major": 2, "version_minor": 0}

Epoch [21/500], loss_g: 7.6886, loss_d: 0.0052, real_score: 0.9963,
fake_score: 0.0014
Saving generated-images-0021.png

{"model_id": "b9d03bdd8ac5410fb0209ba0f4725cdd", "version_major": 2, "version_minor": 0}

Epoch [22/500], loss_g: 8.1512, loss_d: 0.0013, real_score: 0.9998,
fake_score: 0.0011
Saving generated-images-0022.png

{"model_id": "002ecc652f9e4f2b922d0688b7c9d86c", "version_major": 2, "version_minor": 0}

Epoch [23/500], loss_g: 7.9691, loss_d: 0.0019, real_score: 0.9997,
fake_score: 0.0016
Saving generated-images-0023.png

{"model_id": "de82e85f214e46b7b8c33295a1c63aef", "version_major": 2, "version_minor": 0}

Epoch [24/500], loss_g: 8.1164, loss_d: 0.0012, real_score: 0.9998,
fake_score: 0.0010
Saving generated-images-0024.png

{"model_id": "ec31a37f19c54dc2bd885d60b77ea610", "version_major": 2, "version_minor": 0}

Epoch [25/500], loss_g: 8.2123, loss_d: 0.0014, real_score: 1.0000,
fake_score: 0.0014
Saving generated-images-0025.png

{"model_id": "74abd45e24294c86a6de1237a7ededb7", "version_major": 2, "version_minor": 0}
```

Epoch [26/500], loss_g: 7.8812, loss_d: 0.0029, real_score: 0.9981,
fake_score: 0.0010
Saving generated-images-0026.png

```
{"model_id": "0aa1bad3df4d4dfefb86163a487649720", "version_major": 2, "version_minor": 0}
```

Epoch [27/500], loss_g: 7.9419, loss_d: 0.0026, real_score: 0.9984,
fake_score: 0.0010
Saving generated-images-0027.png

```
{"model_id": "41831866f6e9444a9afaba0d993ec401", "version_major": 2, "version_minor": 0}
```

Epoch [28/500], loss_g: 7.8871, loss_d: 0.0031, real_score: 0.9977,
fake_score: 0.0008
Saving generated-images-0028.png

```
{"model_id": "c952cfc4344a4bc9b6c2f77b42fc2e52", "version_major": 2, "version_minor": 0}
```

Epoch [29/500], loss_g: 8.0192, loss_d: 0.0017, real_score: 0.9991,
fake_score: 0.0008
Saving generated-images-0029.png

```
{"model_id": "15d355ed6cad4ee3b50008e0c95d360e", "version_major": 2, "version_minor": 0}
```

Epoch [30/500], loss_g: 8.0537, loss_d: 0.0012, real_score: 0.9996,
fake_score: 0.0008
Saving generated-images-0030.png

```
{"model_id": "b8e0a4e9d7654dfea0cd24a563e7a207", "version_major": 2, "version_minor": 0}
```

Epoch [31/500], loss_g: 8.4370, loss_d: 0.0008, real_score: 0.9995,
fake_score: 0.0004
Saving generated-images-0031.png

```
{"model_id": "5790fa67edf040a2a7d7bfc0f56a66a9", "version_major": 2, "version_minor": 0}
```

Epoch [32/500], loss_g: 8.2459, loss_d: 0.0009, real_score: 0.9999,
fake_score: 0.0008
Saving generated-images-0032.png


```
{"model_id":"ad5dfcbfd8d8473eb4e9a0aed4180bc7","version_major":2,"version_minor":0}
```

Epoch [33/500], loss_g: 8.2009, loss_d: 0.0012, real_score: 0.9994, fake_score: 0.0006

Saving generated-images-0033.png

```
{"model_id":"033dfb0b6f7443e1a87970f4c58081a8","version_major":2,"version_minor":0}
```

Epoch [34/500], loss_g: 8.4171, loss_d: 0.0006, real_score: 0.9999, fake_score: 0.0004

Saving generated-images-0034.png

```
{"model_id":"a3e8e61f69c74edbaa34adc236b96183","version_major":2,"version_minor":0}
```

Epoch [35/500], loss_g: 8.2956, loss_d: 0.0009, real_score: 0.9996, fake_score: 0.0005

Saving generated-images-0035.png

```
{"model_id":"6811397c459844d491fb7c660a1606d5","version_major":2,"version_minor":0}
```

Epoch [36/500], loss_g: 7.8101, loss_d: 0.0027, real_score: 0.9980, fake_score: 0.0006

Saving generated-images-0036.png

```
{"model_id":"eecabf5142964ccd9d4ba6b3063476ce","version_major":2,"version_minor":0}
```

Epoch [37/500], loss_g: 8.2809, loss_d: 0.0008, real_score: 0.9999, fake_score: 0.0008

Saving generated-images-0037.png

```
{"model_id":"cfc63313dacc4af5a5b1cc38f9f78cc4","version_major":2,"version_minor":0}
```

Epoch [38/500], loss_g: 8.3155, loss_d: 0.0010, real_score: 0.9996, fake_score: 0.0006

Saving generated-images-0038.png

```
{"model_id":"7f4bdb7af6f646ec962a6e8a2539815f","version_major":2,"version_minor":0}
```

Epoch [39/500], loss_g: 8.3298, loss_d: 0.0012, real_score: 0.9992,

fake_score: 0.0004
Saving generated-images-0039.png

```
{"model_id": "0f603741c2f6476c987d587edec163d4", "version_major": 2, "version_minor": 0}
```

Epoch [40/500], loss_g: 8.4256, loss_d: 0.0006, real_score: 0.9998,
fake_score: 0.0005
Saving generated-images-0040.png

```
{"model_id": "d31538989e804b7891b09e149d919bbc", "version_major": 2, "version_minor": 0}
```

Epoch [41/500], loss_g: 8.4087, loss_d: 0.0016, real_score: 0.9988,
fake_score: 0.0004
Saving generated-images-0041.png

```
{"model_id": "c67499f4724b421baee5b7f44b0a16b7", "version_major": 2, "version_minor": 0}
```

Epoch [42/500], loss_g: 8.5445, loss_d: 0.0004, real_score: 0.9999,
fake_score: 0.0004
Saving generated-images-0042.png

```
{"model_id": "9573f421a8ff46df8d8b755f55ca0b85", "version_major": 2, "version_minor": 0}
```

Epoch [43/500], loss_g: 8.3130, loss_d: 0.0012, real_score: 0.9992,
fake_score: 0.0004
Saving generated-images-0043.png

```
{"model_id": "5de73ccd2bb44358878ab01b42812938", "version_major": 2, "version_minor": 0}
```

Epoch [44/500], loss_g: 8.6247, loss_d: 0.0004, real_score: 0.9999,
fake_score: 0.0003
Saving generated-images-0044.png

```
{"model_id": "9efff42668fe4d58972045a2a9d6b720", "version_major": 2, "version_minor": 0}
```

Epoch [45/500], loss_g: 8.6275, loss_d: 0.0004, real_score: 0.9999,
fake_score: 0.0003
Saving generated-images-0045.png

```
{"model_id": "81b3764483ec4483b7a73a9d52b7ac43", "version_major": 2, "version_minor": 0}
```

Epoch [46/500], loss_g: 8.7335, loss_d: 0.0003, real_score: 0.9999,
fake_score: 0.0002
Saving generated-images-0046.png

```
{"model_id": "a1af1f48bad04a648d820efccc432698", "version_major": 2, "version_minor": 0}
```

Epoch [47/500], loss_g: 8.5424, loss_d: 0.0006, real_score: 0.9998,
fake_score: 0.0004
Saving generated-images-0047.png

```
{"model_id": "73594150d86846f4a8f7d41429b2feec", "version_major": 2, "version_minor": 0}
```

Epoch [48/500], loss_g: 8.6271, loss_d: 0.0004, real_score: 0.9999,
fake_score: 0.0003
Saving generated-images-0048.png

```
{"model_id": "a40fc32383754123b918c6aa61f86ba4", "version_major": 2, "version_minor": 0}
```

Epoch [49/500], loss_g: 8.8339, loss_d: 0.0004, real_score: 0.9998,
fake_score: 0.0003
Saving generated-images-0049.png

```
{"model_id": "b25a4ac4f01742828ed53ff45531286e", "version_major": 2, "version_minor": 0}
```

Epoch [50/500], loss_g: 8.7941, loss_d: 0.0003, real_score: 0.9999,
fake_score: 0.0003
Saving generated-images-0050.png

```
{"model_id": "d49bf3526f9d481abb96670e278483b3", "version_major": 2, "version_minor": 0}
```

Epoch [51/500], loss_g: 8.8463, loss_d: 0.0003, real_score: 0.9999,
fake_score: 0.0003
Saving generated-images-0051.png

```
{"model_id": "7f912908fe4c4572a953748389f9fa0c", "version_major": 2, "version_minor": 0}
```

Epoch [52/500], loss_g: 8.7904, loss_d: 0.0004, real_score: 0.9999,
fake_score: 0.0003
Saving generated-images-0052.png


```
{"model_id": "1cfd29fec67349a1b8958bcc42c87042", "version_major": 2, "version_minor": 0}
```

Epoch [53/500], loss_g: 8.7129, loss_d: 0.0003, real_score: 1.0000, fake_score: 0.0003

Saving generated-images-0053.png

```
{"model_id": "9e086aa43f0b4be59aa3ecfc0f987d6d", "version_major": 2, "version_minor": 0}
```

Epoch [54/500], loss_g: 8.7217, loss_d: 0.0006, real_score: 0.9997, fake_score: 0.0003

Saving generated-images-0054.png

```
{"model_id": "89809a53893d48608314b9a1d847b4be", "version_major": 2, "version_minor": 0}
```

Epoch [55/500], loss_g: 8.7090, loss_d: 0.0010, real_score: 0.9992, fake_score: 0.0002

Saving generated-images-0055.png

```
{"model_id": "3c3da73a87b7498cac3d2c0bf2ec2099", "version_major": 2, "version_minor": 0}
```

Epoch [56/500], loss_g: 8.6972, loss_d: 0.0004, real_score: 0.9999, fake_score: 0.0003

Saving generated-images-0056.png

```
{"model_id": "36ce7b6c08df477a8c3595ca853b2831", "version_major": 2, "version_minor": 0}
```

Epoch [57/500], loss_g: 8.8555, loss_d: 0.0004, real_score: 0.9998, fake_score: 0.0003

Saving generated-images-0057.png

```
{"model_id": "3ac5b1cf357f443dbaf564ef8ec6fbfa", "version_major": 2, "version_minor": 0}
```

Epoch [58/500], loss_g: 8.9076, loss_d: 0.0004, real_score: 0.9999, fake_score: 0.0003

Saving generated-images-0058.png

```
{"model_id": "0a08d37f83f94b77ab154d06d2764773", "version_major": 2, "version_minor": 0}
```

Epoch [59/500], loss_g: 5.2088, loss_d: 0.0033, real_score: 0.9970,

```
fake_score: 0.0002
Saving generated-images-0059.png

{"model_id": "803dee5ed3974edf984521ba8ca367df", "version_major": 2, "version_minor": 0}

Epoch [60/500], loss_g: 7.2716, loss_d: 0.0770, real_score: 0.9402,
fake_score: 0.0052
Saving generated-images-0060.png

{"model_id": "10cea7cd55c6427189ef6c7a89639254", "version_major": 2, "version_minor": 0}

Epoch [61/500], loss_g: 11.1324, loss_d: 0.0003, real_score: 0.9997,
fake_score: 0.0000
Saving generated-images-0061.png

{"model_id": "010d5ece30724831b31203ec8bfeb04e", "version_major": 2, "version_minor": 0}

Epoch [62/500], loss_g: 8.3063, loss_d: 0.0017, real_score: 0.9996,
fake_score: 0.0012
Saving generated-images-0062.png

{"model_id": "320b69c1831540b3accd04c165b75d6e", "version_major": 2, "version_minor": 0}

Epoch [63/500], loss_g: 11.0976, loss_d: 0.0448, real_score: 0.9587,
fake_score: 0.0000
Saving generated-images-0063.png

{"model_id": "41d8fd6fc4604fc2b6c657033155f4b4", "version_major": 2, "version_minor": 0}

Epoch [64/500], loss_g: 18.0764, loss_d: 0.0080, real_score: 0.9925,
fake_score: 0.0000
Saving generated-images-0064.png

{"model_id": "2b7285fd29b64bbba25510e0777b4434", "version_major": 2, "version_minor": 0}

Epoch [65/500], loss_g: 7.7862, loss_d: 0.0550, real_score: 0.9979,
fake_score: 0.0509
Saving generated-images-0065.png

{"model_id": "c3b5ccea031943ff85cd0f746a12369a", "version_major": 2, "version_minor": 0}
```

Epoch [66/500], loss_g: 6.0222, loss_d: 0.0128, real_score: 0.9948,
fake_score: 0.0074
Saving generated-images-0066.png

```
{"model_id": "aca5dd1b67cc40f1becdca853b068a88", "version_major": 2, "version_minor": 0}
```

Epoch [67/500], loss_g: 6.4586, loss_d: 0.0464, real_score: 0.9993,
fake_score: 0.0444
Saving generated-images-0067.png

```
{"model_id": "83f2581250454d13955d6fb538043df9", "version_major": 2, "version_minor": 0}
```

Epoch [68/500], loss_g: 7.5251, loss_d: 0.0166, real_score: 0.9986,
fake_score: 0.0151
Saving generated-images-0068.png

```
{"model_id": "851d89fbe52b498d8affccfd5315569", "version_major": 2, "version_minor": 0}
```

Epoch [69/500], loss_g: 8.5514, loss_d: 0.0090, real_score: 0.9953,
fake_score: 0.0042
Saving generated-images-0069.png

```
{"model_id": "28643f0aec844bb0b751e740a5610112", "version_major": 2, "version_minor": 0}
```

Epoch [70/500], loss_g: 7.4147, loss_d: 0.0182, real_score: 0.9947,
fake_score: 0.0126
Saving generated-images-0070.png

```
{"model_id": "9d967fb2b1d943b7b157fac9349415d5", "version_major": 2, "version_minor": 0}
```

Epoch [71/500], loss_g: 6.6140, loss_d: 0.0094, real_score: 0.9961,
fake_score: 0.0053
Saving generated-images-0071.png

```
{"model_id": "3757873edefc4de49c3828c7a16555a7", "version_major": 2, "version_minor": 0}
```

Epoch [72/500], loss_g: 7.2666, loss_d: 0.0103, real_score: 0.9913,
fake_score: 0.0012
Saving generated-images-0072.png

```
{"model_id": "d9e87903de8d42a68d9818b058a621ca", "version_major": 2, "version_minor": 0}
```

Epoch [73/500], loss_g: 6.7059, loss_d: 0.0113, real_score: 0.9949, fake_score: 0.0060

Saving generated-images-0073.png

```
{"model_id": "5333eec9e612407ab03a0c0b6a6262e5", "version_major": 2, "version_minor": 0}
```

Epoch [74/500], loss_g: 6.9426, loss_d: 0.0050, real_score: 0.9981, fake_score: 0.0032

Saving generated-images-0074.png

```
{"model_id": "8b8a92c972184e59b502c050350ca332", "version_major": 2, "version_minor": 0}
```

Epoch [75/500], loss_g: 6.9189, loss_d: 0.0061, real_score: 0.9976, fake_score: 0.0037

Saving generated-images-0075.png

```
{"model_id": "156febe9b8d64f4497254068b5a600b2", "version_major": 2, "version_minor": 0}
```

Epoch [76/500], loss_g: 6.8795, loss_d: 0.0051, real_score: 0.9974, fake_score: 0.0024

Saving generated-images-0076.png

```
{"model_id": "4deace59dede4618ba365f1790b90c2d", "version_major": 2, "version_minor": 0}
```

Epoch [77/500], loss_g: 6.8252, loss_d: 0.0029, real_score: 0.9992, fake_score: 0.0020

Saving generated-images-0077.png

```
{"model_id": "842fee6ec85946329e15f9b5246a7335", "version_major": 2, "version_minor": 0}
```

Epoch [78/500], loss_g: 6.7747, loss_d: 0.0029, real_score: 0.9997, fake_score: 0.0025

Saving generated-images-0078.png

```
{"model_id": "6a9047e7afe34fcf88bdda21a532eac7", "version_major": 2, "version_minor": 0}
```

Epoch [79/500], loss_g: 6.9548, loss_d: 0.0052, real_score: 0.9963,

fake_score: 0.0014
Saving generated-images-0079.png

```
{"model_id": "fb10e7e54acf47b3a905b93e7c8105bc", "version_major": 2, "version_minor": 0}
```

Epoch [80/500], loss_g: 7.0402, loss_d: 0.0022, real_score: 0.9991,
fake_score: 0.0013
Saving generated-images-0080.png

```
{"model_id": "6ec31e4e538c443ea5c367d7a71f2aa8", "version_major": 2, "version_minor": 0}
```

Epoch [81/500], loss_g: 6.9709, loss_d: 0.0029, real_score: 0.9999,
fake_score: 0.0028
Saving generated-images-0081.png

```
{"model_id": "31003230a61647ed80e97a39fb47a7ed", "version_major": 2, "version_minor": 0}
```

Epoch [82/500], loss_g: 7.2755, loss_d: 0.0025, real_score: 0.9985,
fake_score: 0.0011
Saving generated-images-0082.png

```
{"model_id": "8892bc42c7914ef7aab9ceab5c885433", "version_major": 2, "version_minor": 0}
```

Epoch [83/500], loss_g: 7.2546, loss_d: 0.0045, real_score: 0.9966,
fake_score: 0.0010
Saving generated-images-0083.png

```
{"model_id": "360c4235092d4940a9fed880c990a193", "version_major": 2, "version_minor": 0}
```

Epoch [84/500], loss_g: 7.2420, loss_d: 0.0019, real_score: 0.9994,
fake_score: 0.0013
Saving generated-images-0084.png

```
{"model_id": "c64b79537fac42fbb1d2c1a6bcf25ae8", "version_major": 2, "version_minor": 0}
```

Epoch [85/500], loss_g: 7.1630, loss_d: 0.0020, real_score: 0.9997,
fake_score: 0.0017
Saving generated-images-0085.png

```
{"model_id": "46908f407db84e5eb74820fa70ad184c", "version_major": 2, "version_minor": 0}
```

Epoch [86/500], loss_g: 7.8931, loss_d: 0.0012, real_score: 0.9994,
fake_score: 0.0006
Saving generated-images-0086.png

```
{"model_id": "0c032b3554e743ab95bec5130faffdd4", "version_major": 2, "version_minor": 0}
```

Epoch [87/500], loss_g: 7.6891, loss_d: 0.0012, real_score: 0.9996,
fake_score: 0.0008
Saving generated-images-0087.png

```
{"model_id": "0996ff1d291349069cc8f7734c7cd1d9", "version_major": 2, "version_minor": 0}
```

Epoch [88/500], loss_g: 7.7596, loss_d: 0.0017, real_score: 0.9989,
fake_score: 0.0006
Saving generated-images-0088.png

```
{"model_id": "9c11b2e8b8c443638985775af4b72a9b", "version_major": 2, "version_minor": 0}
```

Epoch [89/500], loss_g: 7.6136, loss_d: 0.0018, real_score: 0.9989,
fake_score: 0.0007
Saving generated-images-0089.png

```
{"model_id": "21778e869c434be8ad049975fd3429f9", "version_major": 2, "version_minor": 0}
```

Epoch [90/500], loss_g: 7.9764, loss_d: 0.0007, real_score: 0.9998,
fake_score: 0.0005
Saving generated-images-0090.png

```
{"model_id": "af3b6d0966c94bc3a7e1d04c969e8ae0", "version_major": 2, "version_minor": 0}
```

Epoch [91/500], loss_g: 7.6586, loss_d: 0.0009, real_score: 0.9999,
fake_score: 0.0008
Saving generated-images-0091.png

```
{"model_id": "3d3b042373df4c56a188935612043390", "version_major": 2, "version_minor": 0}
```

Epoch [92/500], loss_g: 7.8209, loss_d: 0.0007, real_score: 0.9999,
fake_score: 0.0005
Saving generated-images-0092.png

```
{"model_id": "afdf74deddf34238a66079b92dab25c8", "version_major": 2, "version_minor": 0}
```

Epoch [93/500], loss_g: 7.4331, loss_d: 0.0019, real_score: 0.9990, fake_score: 0.0009

Saving generated-images-0093.png

```
{"model_id": "a198c23810df436298b891e330ece2c7", "version_major": 2, "version_minor": 0}
```

Epoch [94/500], loss_g: 7.6050, loss_d: 0.0008, real_score: 0.9999, fake_score: 0.0008

Saving generated-images-0094.png

```
{"model_id": "86f52faac91e45208f696993d2ccd0da", "version_major": 2, "version_minor": 0}
```

Epoch [95/500], loss_g: 7.7599, loss_d: 0.0014, real_score: 0.9992, fake_score: 0.0005

Saving generated-images-0095.png

```
{"model_id": "03b507920b354ed581ecd68d29298b79", "version_major": 2, "version_minor": 0}
```

Epoch [96/500], loss_g: 7.8149, loss_d: 0.0008, real_score: 0.9997, fake_score: 0.0005

Saving generated-images-0096.png

```
{"model_id": "39a734d4d2934512a93157430cfe610b", "version_major": 2, "version_minor": 0}
```

Epoch [97/500], loss_g: 8.0047, loss_d: 0.0006, real_score: 0.9998, fake_score: 0.0004

Saving generated-images-0097.png

```
{"model_id": "a57d841563914e14bd3ee197f7f59b14", "version_major": 2, "version_minor": 0}
```

Epoch [98/500], loss_g: 7.6254, loss_d: 0.0018, real_score: 0.9989, fake_score: 0.0006

Saving generated-images-0098.png

```
{"model_id": "1f5b410a657a4a5195d439e30c192ea5", "version_major": 2, "version_minor": 0}
```

Epoch [99/500], loss_g: 7.4016, loss_d: 0.0013, real_score: 0.9996,

fake_score: 0.0009
Saving generated-images-0099.png

```
{"model_id": "9cf3830b5f8b4caf8e1aa5cb4f04ae2d", "version_major": 2, "version_minor": 0}
```

Epoch [100/500], loss_g: 7.6392, loss_d: 0.0024, real_score: 0.9981,
fake_score: 0.0005
Saving generated-images-0100.png

```
{"model_id": "295bc32beaa84d058361bc97c3f25da3", "version_major": 2, "version_minor": 0}
```

Epoch [101/500], loss_g: 8.0580, loss_d: 0.0008, real_score: 0.9996,
fake_score: 0.0004
Saving generated-images-0101.png

```
{"model_id": "5de45c4861624cf780960a8241c3f609", "version_major": 2, "version_minor": 0}
```

Epoch [102/500], loss_g: 8.0448, loss_d: 0.0006, real_score: 0.9998,
fake_score: 0.0004
Saving generated-images-0102.png

```
{"model_id": "891655e42abb47f19605047ad4f6fb53", "version_major": 2, "version_minor": 0}
```

Epoch [103/500], loss_g: 8.2757, loss_d: 0.0007, real_score: 0.9996,
fake_score: 0.0003
Saving generated-images-0103.png

```
{"model_id": "9e172bc99c4f430fb904e40c9f78b8bd", "version_major": 2, "version_minor": 0}
```

Epoch [104/500], loss_g: 8.1109, loss_d: 0.0009, real_score: 0.9995,
fake_score: 0.0004
Saving generated-images-0104.png

```
{"model_id": "50c7ffcfbd294186858988e120e311d1", "version_major": 2, "version_minor": 0}
```

Epoch [105/500], loss_g: 7.9177, loss_d: 0.0006, real_score: 0.9999,
fake_score: 0.0005
Saving generated-images-0105.png

```
{"model_id": "ba03a3991ccd4842b2caaa84222d189e", "version_major": 2, "version_minor": 0}
```

Epoch [106/500], loss_g: 8.3407, loss_d: 0.0006, real_score: 0.9997,
fake_score: 0.0003
Saving generated-images-0106.png

```
{"model_id": "5c61bc22ba9347cd8440577477635c13", "version_major": 2, "version_minor": 0}
```

Epoch [107/500], loss_g: 8.6492, loss_d: 0.0007, real_score: 0.9995,
fake_score: 0.0002
Saving generated-images-0107.png

```
{"model_id": "10dc5facabf240de8885182cda63dd71", "version_major": 2, "version_minor": 0}
```

Epoch [108/500], loss_g: 8.6670, loss_d: 0.0003, real_score: 0.9999,
fake_score: 0.0002
Saving generated-images-0108.png

```
{"model_id": "0eeb5a3c5e2e48feb478faf99b1904ae", "version_major": 2, "version_minor": 0}
```

Epoch [109/500], loss_g: 8.4339, loss_d: 0.0003, real_score: 1.0000,
fake_score: 0.0002
Saving generated-images-0109.png

```
{"model_id": "985a59a760d34f40893387eleb4581c1", "version_major": 2, "version_minor": 0}
```

Epoch [110/500], loss_g: 8.2233, loss_d: 0.0006, real_score: 0.9997,
fake_score: 0.0003
Saving generated-images-0110.png

```
{"model_id": "377efd090d134e568a9aff36469c0c68", "version_major": 2, "version_minor": 0}
```

Epoch [111/500], loss_g: 7.9507, loss_d: 0.0005, real_score: 0.9999,
fake_score: 0.0004
Saving generated-images-0111.png

```
{"model_id": "50ea710a7d9940389bbc93dabcf187e9", "version_major": 2, "version_minor": 0}
```

Epoch [112/500], loss_g: 8.0381, loss_d: 0.0005, real_score: 0.9999,
fake_score: 0.0004
Saving generated-images-0112.png


```
{"model_id": "c021d7efed514da390dd40c3f4370985", "version_major": 2, "version_minor": 0}
```

```
Epoch [113/500], loss_g: 8.3738, loss_d: 0.0004, real_score: 0.9998, fake_score: 0.0003
```

```
Saving generated-images-0113.png
```

```
{"model_id": "c8a4034a2f4f4ae8a6328eb344327688", "version_major": 2, "version_minor": 0}
```

```
Epoch [114/500], loss_g: 8.3437, loss_d: 0.0006, real_score: 0.9996, fake_score: 0.0003
```

```
Saving generated-images-0114.png
```

```
{"model_id": "5f48d43d7d504fe7b0fc9deceee0fcce", "version_major": 2, "version_minor": 0}
```

```
Epoch [115/500], loss_g: 8.1377, loss_d: 0.0007, real_score: 0.9996, fake_score: 0.0003
```

```
Saving generated-images-0115.png
```

```
{"model_id": "e21e5f2a1c4943858d9e3671b26136f1", "version_major": 2, "version_minor": 0}
```

```
Epoch [116/500], loss_g: 8.0772, loss_d: 0.0004, real_score: 1.0000, fake_score: 0.0004
```

```
Saving generated-images-0116.png
```

```
{"model_id": "965270362f74498eb2ae675bd119bea6", "version_major": 2, "version_minor": 0}
```

```
Epoch [117/500], loss_g: 8.1112, loss_d: 0.0006, real_score: 0.9998, fake_score: 0.0003
```

```
Saving generated-images-0117.png
```

```
{"model_id": "f7776d11308d48abbe9aa3d05327f653", "version_major": 2, "version_minor": 0}
```

```
Epoch [118/500], loss_g: 8.4583, loss_d: 0.0003, real_score: 0.9999, fake_score: 0.0002
```

```
Saving generated-images-0118.png
```

```
{"model_id": "d2f566cadd7f4656bc4cd2076fc60860", "version_major": 2, "version_minor": 0}
```

```
Epoch [119/500], loss_g: 8.1021, loss_d: 0.0005, real_score: 0.9998,
```

```
fake_score: 0.0004
Saving generated-images-0119.png

{"model_id": "d1306dbac0824717b53762a07f0817ad", "version_major": 2, "version_minor": 0}

Epoch [120/500], loss_g: 8.5274, loss_d: 0.0005, real_score: 0.9997,
fake_score: 0.0002
Saving generated-images-0120.png

{"model_id": "07dd1832da85482195b09035276f6c24", "version_major": 2, "version_minor": 0}

Epoch [121/500], loss_g: 8.2250, loss_d: 0.0004, real_score: 0.9999,
fake_score: 0.0003
Saving generated-images-0121.png

{"model_id": "882bd4f799de4b0ca91e4da67244aa0d", "version_major": 2, "version_minor": 0}

Epoch [122/500], loss_g: 8.4969, loss_d: 0.0002, real_score: 1.0000,
fake_score: 0.0002
Saving generated-images-0122.png

{"model_id": "95a6547d0df64520bf0cb695a2333ac7", "version_major": 2, "version_minor": 0}

Epoch [123/500], loss_g: 8.7302, loss_d: 0.0004, real_score: 0.9998,
fake_score: 0.0002
Saving generated-images-0123.png

{"model_id": "8ec2611bf2d144d8be571958fdaecfbc", "version_major": 2, "version_minor": 0}

Epoch [124/500], loss_g: 8.4093, loss_d: 0.0015, real_score: 0.9987,
fake_score: 0.0002
Saving generated-images-0124.png

{"model_id": "ad50d10089824e6999426757351d07ae", "version_major": 2, "version_minor": 0}

Epoch [125/500], loss_g: 8.4568, loss_d: 0.0003, real_score: 1.0000,
fake_score: 0.0002
Saving generated-images-0125.png

{"model_id": "f92c46c243fd4cb1b062c61d310bce0f", "version_major": 2, "version_minor": 0}
```

Epoch [126/500], loss_g: 8.5198, loss_d: 0.0003, real_score: 1.0000,
fake_score: 0.0002

Saving generated-images-0126.png

```
{"model_id": "09a3bd3b5704412fa05b9798248db93f", "version_major": 2, "version_minor": 0}
```

Epoch [127/500], loss_g: 8.5802, loss_d: 0.0003, real_score: 1.0000,
fake_score: 0.0002

Saving generated-images-0127.png

```
{"model_id": "45339be292fb4c26b3afadc8592ae74c", "version_major": 2, "version_minor": 0}
```

Epoch [128/500], loss_g: 8.7047, loss_d: 0.0002, real_score: 1.0000,
fake_score: 0.0002

Saving generated-images-0128.png

```
{"model_id": "9dfb6cad1d8b481c99b74baeaf152fd0", "version_major": 2, "version_minor": 0}
```

Epoch [129/500], loss_g: 8.6135, loss_d: 0.0002, real_score: 1.0000,
fake_score: 0.0002

Saving generated-images-0129.png

```
{"model_id": "d9487cfc42fd4191876304537a2b3058", "version_major": 2, "version_minor": 0}
```

Epoch [130/500], loss_g: 8.3662, loss_d: 0.0003, real_score: 0.9999,
fake_score: 0.0003

Saving generated-images-0130.png

```
{"model_id": "2501695e101c468793faed31d6ae089e", "version_major": 2, "version_minor": 0}
```

Epoch [131/500], loss_g: 8.6626, loss_d: 0.0005, real_score: 0.9997,
fake_score: 0.0002

Saving generated-images-0131.png

```
{"model_id": "2a4198768049443791b8eba760a29f1c", "version_major": 2, "version_minor": 0}
```

Epoch [132/500], loss_g: 8.1925, loss_d: 0.0007, real_score: 0.9996,
fake_score: 0.0003

Saving generated-images-0132.png

```
{"model_id": "f0d59cfb09c747efa9fb8a312b594257", "version_major": 2, "version_minor": 0}
```

Epoch [133/500], loss_g: 8.6686, loss_d: 0.0003, real_score: 0.9999, fake_score: 0.0002

Saving generated-images-0133.png

```
{"model_id": "6e247920bc264c09a1f695f73c6bf976", "version_major": 2, "version_minor": 0}
```

Epoch [134/500], loss_g: 8.5752, loss_d: 0.0003, real_score: 1.0000, fake_score: 0.0002

Saving generated-images-0134.png

```
{"model_id": "b15eb9021cf448ca9173442e8437115c", "version_major": 2, "version_minor": 0}
```

Epoch [135/500], loss_g: 8.2368, loss_d: 0.0010, real_score: 0.9993, fake_score: 0.0003

Saving generated-images-0135.png

```
{"model_id": "896c6c4e7ad248faa76eb9958009f9a4", "version_major": 2, "version_minor": 0}
```

Epoch [136/500], loss_g: 8.4031, loss_d: 0.0003, real_score: 1.0000, fake_score: 0.0003

Saving generated-images-0136.png

```
{"model_id": "e2972a9594a44e7e947eb68181cb6238", "version_major": 2, "version_minor": 0}
```

Epoch [137/500], loss_g: 8.4080, loss_d: 0.0009, real_score: 0.9994, fake_score: 0.0002

Saving generated-images-0137.png

```
{"model_id": "153ff6ac24b44cf18835f7b052c28393", "version_major": 2, "version_minor": 0}
```

Epoch [138/500], loss_g: 8.0867, loss_d: 0.0009, real_score: 0.9994, fake_score: 0.0003

Saving generated-images-0138.png

```
{"model_id": "3ad5706b9bdf4ce3b159679aed1864d2", "version_major": 2, "version_minor": 0}
```

Epoch [139/500], loss_g: 8.2050, loss_d: 0.0004, real_score: 0.9999,

fake_score: 0.0004
Saving generated-images-0139.png

```
{"model_id": "afbff790fb1d461480b822889bbd9d75", "version_major": 2, "version_minor": 0}
```

Epoch [140/500], loss_g: 7.8123, loss_d: 0.0015, real_score: 0.9990,
fake_score: 0.0005
Saving generated-images-0140.png

```
{"model_id": "063ebe1dedfb480bb0ff042beb0d3885", "version_major": 2, "version_minor": 0}
```

Epoch [141/500], loss_g: 6.8545, loss_d: 0.0032, real_score: 0.9977,
fake_score: 0.0009
Saving generated-images-0141.png

```
{"model_id": "0c24858c4e91457f967b3c48ea64b8c2", "version_major": 2, "version_minor": 0}
```

Epoch [142/500], loss_g: 0.5275, loss_d: 7.2614, real_score: 0.0100,
fake_score: 0.0000
Saving generated-images-0142.png

```
{"model_id": "01a9dbddd39446c890ff8c6400f5a02c", "version_major": 2, "version_minor": 0}
```

Epoch [143/500], loss_g: 7.2325, loss_d: 0.3684, real_score: 0.9183,
fake_score: 0.1945
Saving generated-images-0143.png

```
{"model_id": "fa9b5ac60f854a09b5bd2f8fa2596c6f", "version_major": 2, "version_minor": 0}
```

Epoch [144/500], loss_g: 5.9928, loss_d: 0.1207, real_score: 0.9471,
fake_score: 0.0596
Saving generated-images-0144.png

```
{"model_id": "1e50f6839ece466e97705e744bdb5b9f", "version_major": 2, "version_minor": 0}
```

Epoch [145/500], loss_g: 8.5983, loss_d: 0.0427, real_score: 0.9604,
fake_score: 0.0009
Saving generated-images-0145.png

```
{"model_id": "83aa431506a24a85819fc747b8618a5d", "version_major": 2, "version_minor": 0}
```


Epoch [146/500], loss_g: 14.5666, loss_d: 0.0048, real_score: 0.9954,
fake_score: 0.0000
Saving generated-images-0146.png

```
{"model_id": "f772a00a336d413f8c4a0e784c33fad6", "version_major": 2, "version_minor": 0}
```

Epoch [147/500], loss_g: 5.0572, loss_d: 0.0629, real_score: 0.9589,
fake_score: 0.0150
Saving generated-images-0147.png

```
{"model_id": "f6d67a84cd4b4deab3b21c7fd2b83ad6", "version_major": 2, "version_minor": 0}
```

Epoch [148/500], loss_g: 4.2201, loss_d: 0.1438, real_score: 0.9226,
fake_score: 0.0493
Saving generated-images-0148.png

```
{"model_id": "8905d7d548a2485f8a64f4ade12d254c", "version_major": 2, "version_minor": 0}
```

Epoch [149/500], loss_g: 3.9887, loss_d: 0.1108, real_score: 0.9340,
fake_score: 0.0377
Saving generated-images-0149.png

```
{"model_id": "c48e9a27d74244b783e998e4ba9d9e42", "version_major": 2, "version_minor": 0}
```

Epoch [150/500], loss_g: 5.0495, loss_d: 0.0965, real_score: 0.9599,
fake_score: 0.0477
Saving generated-images-0150.png

```
{"model_id": "2d27962e220b4a189f9fd04995a54c85", "version_major": 2, "version_minor": 0}
```

Epoch [151/500], loss_g: 3.9699, loss_d: 0.0937, real_score: 0.9658,
fake_score: 0.0538
Saving generated-images-0151.png

```
{"model_id": "d07288cff252442892f276039acaf7ef", "version_major": 2, "version_minor": 0}
```

Epoch [152/500], loss_g: 4.1357, loss_d: 0.1107, real_score: 0.9275,
fake_score: 0.0327
Saving generated-images-0152.png

```
{"model_id": "b92ea0db66c94084a2a190aaa8aeaf9e", "version_major": 2, "version_minor": 0}
```

Epoch [153/500], loss_g: 9.6031, loss_d: 0.2283, real_score: 0.8320, fake_score: 0.0009

Saving generated-images-0153.png

```
{"model_id": "3e427d19e51942e4b40d082f68fa7860", "version_major": 2, "version_minor": 0}
```

Epoch [154/500], loss_g: 5.7083, loss_d: 0.1676, real_score: 0.9519, fake_score: 0.1044

Saving generated-images-0154.png

```
{"model_id": "91a7d89bb84b44539ba3debf6e7b2a6b", "version_major": 2, "version_minor": 0}
```

Epoch [155/500], loss_g: 2.8391, loss_d: 0.6760, real_score: 0.9944, fake_score: 0.4472

Saving generated-images-0155.png

```
{"model_id": "99301244c071433cb691ee8051073c9d", "version_major": 2, "version_minor": 0}
```

Epoch [156/500], loss_g: 3.6765, loss_d: 0.2161, real_score: 0.9223, fake_score: 0.1208

Saving generated-images-0156.png

```
{"model_id": "df4d00146c3745a58b3976a0bab4b271", "version_major": 2, "version_minor": 0}
```

Epoch [157/500], loss_g: 6.8304, loss_d: 0.1994, real_score: 0.9775, fake_score: 0.1574

Saving generated-images-0157.png

```
{"model_id": "612b964749d6463fb4bb51d08b88fc4c", "version_major": 2, "version_minor": 0}
```

Epoch [158/500], loss_g: 3.6667, loss_d: 0.2307, real_score: 0.8896, fake_score: 0.0914

Saving generated-images-0158.png

```
{"model_id": "6ac199663cf44d12be6e9ef6fe92e1c6", "version_major": 2, "version_minor": 0}
```

Epoch [159/500], loss_g: 9.2945, loss_d: 1.8568, real_score: 0.2840,

fake_score: 0.0001

Saving generated-images-0159.png

```
{"model_id": "e8017738d40e47f7b39e5a401f42e941", "version_major": 2, "version_minor": 0}
```

Epoch [160/500], loss_g: 4.9896, loss_d: 0.3369, real_score: 0.8893, fake_score: 0.1816

Saving generated-images-0160.png

```
{"model_id": "b2613593d6db4a6f87f271da09cd15d2", "version_major": 2, "version_minor": 0}
```

Epoch [161/500], loss_g: 3.7770, loss_d: 0.0731, real_score: 0.9403, fake_score: 0.0092

Saving generated-images-0161.png

```
{"model_id": "380ec6f419cc4ed0a09ddbc9ba0ff5e8", "version_major": 2, "version_minor": 0}
```

Epoch [162/500], loss_g: 2.5025, loss_d: 0.5446, real_score: 0.6429, fake_score: 0.0056

Saving generated-images-0162.png

```
{"model_id": "44a5f836eccc4b1985acfb768fe4c96e", "version_major": 2, "version_minor": 0}
```

Epoch [163/500], loss_g: 5.0671, loss_d: 0.1328, real_score: 0.9733, fake_score: 0.0976

Saving generated-images-0163.png

```
{"model_id": "437f0520190e47d7a5454014283ed5e9", "version_major": 2, "version_minor": 0}
```

Epoch [164/500], loss_g: 4.8293, loss_d: 8.1273, real_score: 0.9999, fake_score: 0.9984

Saving generated-images-0164.png

```
{"model_id": "43a14509a42b4dc9ad065c5c0ccda8ef", "version_major": 2, "version_minor": 0}
```

Epoch [165/500], loss_g: 2.4003, loss_d: 0.3756, real_score: 0.8045, fake_score: 0.1273

Saving generated-images-0165.png

```
{"model_id": "d08624618a6c4e3ca46e88eb3e073a1a", "version_major": 2, "version_minor": 0}
```

Epoch [166/500], loss_g: 2.2048, loss_d: 0.4185, real_score: 0.7799,
fake_score: 0.1192

Saving generated-images-0166.png

```
{"model_id": "abfa3a52e5214cc8b3146dbcf502440f", "version_major": 2, "version_minor": 0}
```

Epoch [167/500], loss_g: 4.0043, loss_d: 0.2242, real_score: 0.9122,
fake_score: 0.1164

Saving generated-images-0167.png

```
{"model_id": "c6a68ea6d2f74ad483c0efb45253f57b", "version_major": 2, "version_minor": 0}
```

Epoch [168/500], loss_g: 1.9049, loss_d: 0.4561, real_score: 0.7168,
fake_score: 0.0196

Saving generated-images-0168.png

```
{"model_id": "fa1fa8b06849499a8899429d1aaa0194", "version_major": 2, "version_minor": 0}
```

Epoch [169/500], loss_g: 3.6338, loss_d: 0.0611, real_score: 0.9788,
fake_score: 0.0381

Saving generated-images-0169.png

```
{"model_id": "53b78f09b196415dbaf22ababfcc71bf", "version_major": 2, "version_minor": 0}
```

Epoch [170/500], loss_g: 0.3878, loss_d: 0.6399, real_score: 0.6605,
fake_score: 0.0176

Saving generated-images-0170.png

```
{"model_id": "457822cb23f742da9c49fb8bf7eabd1b", "version_major": 2, "version_minor": 0}
```

Epoch [171/500], loss_g: 3.8558, loss_d: 0.2223, real_score: 0.9391,
fake_score: 0.1346

Saving generated-images-0171.png

```
{"model_id": "9ab9c521e1b7450a8163f6dde4ced25e", "version_major": 2, "version_minor": 0}
```

Epoch [172/500], loss_g: 3.5738, loss_d: 0.1423, real_score: 0.9327,
fake_score: 0.0642

Saving generated-images-0172.png

```
{"model_id": "151e607f348a4c6da408b3a8b9ef024e", "version_major": 2, "version_minor": 0}
```

Epoch [173/500], loss_g: 4.2085, loss_d: 0.1194, real_score: 0.9618, fake_score: 0.0706

Saving generated-images-0173.png

```
{"model_id": "e963427d37df435c917e7d34d3fe4ae6", "version_major": 2, "version_minor": 0}
```

Epoch [174/500], loss_g: 3.6845, loss_d: 0.0463, real_score: 0.9774, fake_score: 0.0223

Saving generated-images-0174.png

```
{"model_id": "21371514bd46454d923e7a71a4d2239d", "version_major": 2, "version_minor": 0}
```

Epoch [175/500], loss_g: 2.5016, loss_d: 0.5590, real_score: 0.7132, fake_score: 0.1180

Saving generated-images-0175.png

```
{"model_id": "3cc5accff636424098032390fd798f2e", "version_major": 2, "version_minor": 0}
```

Epoch [176/500], loss_g: 2.4738, loss_d: 0.3356, real_score: 0.8340, fake_score: 0.1152

Saving generated-images-0176.png

```
{"model_id": "973ff8ef26794da1b0c6fbfc8b59f2b5", "version_major": 2, "version_minor": 0}
```

Epoch [177/500], loss_g: 3.7995, loss_d: 0.1497, real_score: 0.8975, fake_score: 0.0323

Saving generated-images-0177.png

```
{"model_id": "b9cc3d9bda1a4135bb6f5e18e9598057", "version_major": 2, "version_minor": 0}
```

Epoch [178/500], loss_g: 3.0505, loss_d: 0.1291, real_score: 0.9145, fake_score: 0.0312

Saving generated-images-0178.png

```
{"model_id": "6c43f4d4b2344cbcbbadb461371fd683", "version_major": 2, "version_minor": 0}
```

Epoch [179/500], loss_g: 8.5125, loss_d: 0.2062, real_score: 0.8498,

fake_score: 0.0018
Saving generated-images-0179.png

```
{"model_id": "006a0469fe694ffa8839abc5d641f70a", "version_major": 2, "version_minor": 0}
```

Epoch [180/500], loss_g: 4.1635, loss_d: 0.1785, real_score: 0.9399,
fake_score: 0.1022
Saving generated-images-0180.png

```
{"model_id": "a5f36ecb52474c8b8e97e5687c5f930c", "version_major": 2, "version_minor": 0}
```

Epoch [181/500], loss_g: 0.7440, loss_d: 0.3708, real_score: 0.7643,
fake_score: 0.0470
Saving generated-images-0181.png

```
{"model_id": "080c584daf5141a99b8b0ae050794fc5", "version_major": 2, "version_minor": 0}
```

Epoch [182/500], loss_g: 4.4994, loss_d: 0.2030, real_score: 0.9492,
fake_score: 0.1346
Saving generated-images-0182.png

```
{"model_id": "112d43054053496589bf326faed649b4", "version_major": 2, "version_minor": 0}
```

Epoch [183/500], loss_g: 3.0490, loss_d: 0.3004, real_score: 0.8461,
fake_score: 0.1013
Saving generated-images-0183.png

```
{"model_id": "d343989f55594514bb72e0f2f9a4b973", "version_major": 2, "version_minor": 0}
```

Epoch [184/500], loss_g: 3.8749, loss_d: 0.1695, real_score: 0.8691,
fake_score: 0.0154
Saving generated-images-0184.png

```
{"model_id": "1d47b90a40564c75b63c369bf9fcae94", "version_major": 2, "version_minor": 0}
```

Epoch [185/500], loss_g: 4.7452, loss_d: 0.1338, real_score: 0.9441,
fake_score: 0.0685
Saving generated-images-0185.png

```
{"model_id": "c02908129f1e48e9a95058ed81d3ef67", "version_major": 2, "version_minor": 0}
```

Epoch [186/500], loss_g: 4.8536, loss_d: 0.0416, real_score: 0.9875,
fake_score: 0.0283

Saving generated-images-0186.png

```
{"model_id": "029a792495bc437083d1e66a3080b1b1", "version_major": 2, "version_minor": 0}
```

Epoch [187/500], loss_g: 4.3045, loss_d: 0.0847, real_score: 0.9404,
fake_score: 0.0181

Saving generated-images-0187.png

```
{"model_id": "b22aeb4364fd422b9fceed3f244b5253", "version_major": 2, "version_minor": 0}
```

Epoch [188/500], loss_g: 5.6236, loss_d: 0.0535, real_score: 0.9643,
fake_score: 0.0157

Saving generated-images-0188.png

```
{"model_id": "5393f1f9be2642e1807e1055ebb985de", "version_major": 2, "version_minor": 0}
```

Epoch [189/500], loss_g: 2.8773, loss_d: 0.0363, real_score: 0.9921,
fake_score: 0.0266

Saving generated-images-0189.png

```
{"model_id": "f6dec0a93b0441a48b31ed89ba4d9639", "version_major": 2, "version_minor": 0}
```

Epoch [190/500], loss_g: 2.7002, loss_d: 0.2987, real_score: 0.8443,
fake_score: 0.0762

Saving generated-images-0190.png

```
{"model_id": "31c72d935f1040b1a3708b2951b986db", "version_major": 2, "version_minor": 0}
```

Epoch [191/500], loss_g: 4.2035, loss_d: 0.1997, real_score: 0.9256,
fake_score: 0.1013

Saving generated-images-0191.png

```
{"model_id": "a2b5a0dc6d7d4a079a92daa3c921bfe6", "version_major": 2, "version_minor": 0}
```

Epoch [192/500], loss_g: 3.4515, loss_d: 0.1401, real_score: 0.9336,
fake_score: 0.0637

Saving generated-images-0192.png

```
{"model_id": "95634d6865864ac99ea0b89e9878ea19", "version_major": 2, "version_minor": 0}
```

Epoch [193/500], loss_g: 1.8537, loss_d: 0.7815, real_score: 0.5261, fake_score: 0.0034

Saving generated-images-0193.png

```
{"model_id": "663bc9551a0049dd901af43651dbf5df", "version_major": 2, "version_minor": 0}
```

Epoch [194/500], loss_g: 3.2009, loss_d: 0.1960, real_score: 0.8738, fake_score: 0.0356

Saving generated-images-0194.png

```
{"model_id": "5dc2b5ae5ba74ccc98306567b576c952", "version_major": 2, "version_minor": 0}
```

Epoch [195/500], loss_g: 4.6928, loss_d: 0.0842, real_score: 0.9594, fake_score: 0.0402

Saving generated-images-0195.png

```
{"model_id": "9229dfde3e5e4ea793b1d44c57e02d40", "version_major": 2, "version_minor": 0}
```

Epoch [196/500], loss_g: 0.9427, loss_d: 0.3369, real_score: 0.7737, fake_score: 0.0332

Saving generated-images-0196.png

```
{"model_id": "10806239219a4b059b5aa7aa75d27a01", "version_major": 2, "version_minor": 0}
```

Epoch [197/500], loss_g: 3.1760, loss_d: 0.3636, real_score: 0.8134, fake_score: 0.1146

Saving generated-images-0197.png

```
{"model_id": "324bd3d123044be1a6c73b34ab56dce4", "version_major": 2, "version_minor": 0}
```

Epoch [198/500], loss_g: 3.6665, loss_d: 0.1383, real_score: 0.9353, fake_score: 0.0641

Saving generated-images-0198.png

```
{"model_id": "922f5d36e8b943279040f2406b49dc76", "version_major": 2, "version_minor": 0}
```

Epoch [199/500], loss_g: 4.1400, loss_d: 0.1292, real_score: 0.9341,

fake_score: 0.0551
Saving generated-images-0199.png

```
{"model_id": "8428ffdc95ce450dbcc6f06d21d6b4b5", "version_major": 2, "version_minor": 0}
```

Epoch [200/500], loss_g: 3.3331, loss_d: 0.1614, real_score: 0.9094,
fake_score: 0.0232
Saving generated-images-0200.png

```
{"model_id": "848aa504cde947a4bee2c91d68b5de7d", "version_major": 2, "version_minor": 0}
```

Epoch [201/500], loss_g: 4.8145, loss_d: 0.0617, real_score: 0.9692,
fake_score: 0.0286
Saving generated-images-0201.png

```
{"model_id": "dcbbl232f4ff45b192c3777e4c91ad68", "version_major": 2, "version_minor": 0}
```

Epoch [202/500], loss_g: 7.4504, loss_d: 0.1281, real_score: 0.9930,
fake_score: 0.1082
Saving generated-images-0202.png

```
{"model_id": "5fb427617b90482fa698c2cc99ae9769", "version_major": 2, "version_minor": 0}
```

Epoch [203/500], loss_g: 4.5040, loss_d: 0.0849, real_score: 0.9655,
fake_score: 0.0462
Saving generated-images-0203.png

```
{"model_id": "bfbd76b128bb4b7481c71e5a38801394", "version_major": 2, "version_minor": 0}
```

Epoch [204/500], loss_g: 4.7654, loss_d: 0.1140, real_score: 0.9547,
fake_score: 0.0619
Saving generated-images-0204.png

```
{"model_id": "acb681e4cb46476496b9e40dbbb102b4", "version_major": 2, "version_minor": 0}
```

Epoch [205/500], loss_g: 4.3945, loss_d: 0.0572, real_score: 0.9693,
fake_score: 0.0237
Saving generated-images-0205.png

```
{"model_id": "7cf938dd9fc54f6c95a2f8f7d4207d31", "version_major": 2, "version_minor": 0}
```

Epoch [206/500], loss_g: 4.7908, loss_d: 0.1916, real_score: 0.9620,
fake_score: 0.1297

Saving generated-images-0206.png

```
{"model_id": "b4b742ba0e03421da9480b583b81c0a8", "version_major": 2, "version_minor": 0}
```

Epoch [207/500], loss_g: 4.7655, loss_d: 0.1089, real_score: 0.9388,
fake_score: 0.0392

Saving generated-images-0207.png

```
{"model_id": "7346d8749a2e4eebb0235b619455222e", "version_major": 2, "version_minor": 0}
```

Epoch [208/500], loss_g: 4.8261, loss_d: 0.3357, real_score: 0.9890,
fake_score: 0.2475

Saving generated-images-0208.png

```
{"model_id": "bd17acf5fb81474cae75d486a70ab539", "version_major": 2, "version_minor": 0}
```

Epoch [209/500], loss_g: 3.3609, loss_d: 0.2398, real_score: 0.8847,
fake_score: 0.0927

Saving generated-images-0209.png

```
{"model_id": "219c2cc49d40440a9791751ad95551e0", "version_major": 2, "version_minor": 0}
```

Epoch [210/500], loss_g: 2.5725, loss_d: 0.2729, real_score: 0.8413,
fake_score: 0.0443

Saving generated-images-0210.png

```
{"model_id": "e4f5bde9469c49e0926363c6b08a7c51", "version_major": 2, "version_minor": 0}
```

Epoch [211/500], loss_g: 4.2454, loss_d: 0.0957, real_score: 0.9323,
fake_score: 0.0219

Saving generated-images-0211.png

```
{"model_id": "f727d578e56743a09170dd9755122ded", "version_major": 2, "version_minor": 0}
```

Epoch [212/500], loss_g: 5.0335, loss_d: 0.1305, real_score: 0.9856,
fake_score: 0.1057

Saving generated-images-0212.png

```
{"model_id": "48ace900072547228b34a4c6417e3be5", "version_major": 2, "version_minor": 0}
```

Epoch [213/500], loss_g: 3.9501, loss_d: 0.1276, real_score: 0.9388, fake_score: 0.0504

Saving generated-images-0213.png

```
{"model_id": "4c30aa9279c5464aa2ec57611e4da894", "version_major": 2, "version_minor": 0}
```

Epoch [214/500], loss_g: 5.6622, loss_d: 0.1679, real_score: 0.9646, fake_score: 0.1161

Saving generated-images-0214.png

```
{"model_id": "44eb1efdc09140bd9d3ab41577102417", "version_major": 2, "version_minor": 0}
```

Epoch [215/500], loss_g: 3.9687, loss_d: 0.1210, real_score: 0.9204, fake_score: 0.0262

Saving generated-images-0215.png

```
{"model_id": "2242550a443c4b7b9d81a8ab54feef8a", "version_major": 2, "version_minor": 0}
```

Epoch [216/500], loss_g: 3.2800, loss_d: 0.1612, real_score: 0.9122, fake_score: 0.0541

Saving generated-images-0216.png

```
{"model_id": "07976807d13d426eb3597254340f3fda", "version_major": 2, "version_minor": 0}
```

Epoch [217/500], loss_g: 6.3790, loss_d: 0.4529, real_score: 0.9654, fake_score: 0.3038

Saving generated-images-0217.png

```
{"model_id": "a54bda69ad674142b8d2f3cfe1f0eb75", "version_major": 2, "version_minor": 0}
```

Epoch [218/500], loss_g: 3.8345, loss_d: 0.1317, real_score: 0.9550, fake_score: 0.0772

Saving generated-images-0218.png

```
{"model_id": "c047d3a2922448dcb9ed99cd5465cc38", "version_major": 2, "version_minor": 0}
```

Epoch [219/500], loss_g: 3.5035, loss_d: 0.1122, real_score: 0.9485,

fake_score: 0.0534
Saving generated-images-0219.png

```
{"model_id": "cb43005d698746fd9b576bde52fd1a6b", "version_major": 2, "version_minor": 0}
```

Epoch [220/500], loss_g: 4.2769, loss_d: 0.0907, real_score: 0.9464,
fake_score: 0.0283
Saving generated-images-0220.png

```
{"model_id": "cd04c7136e764eeb827863b4e9085439", "version_major": 2, "version_minor": 0}
```

Epoch [221/500], loss_g: 3.5914, loss_d: 0.2333, real_score: 0.9111,
fake_score: 0.1154
Saving generated-images-0221.png

```
{"model_id": "a1fe17756af241b59d1c08051cc86e15", "version_major": 2, "version_minor": 0}
```

Epoch [222/500], loss_g: 4.1487, loss_d: 0.1431, real_score: 0.9421,
fake_score: 0.0756
Saving generated-images-0222.png

```
{"model_id": "ace80a40bf5041e09a381b121525096a", "version_major": 2, "version_minor": 0}
```

Epoch [223/500], loss_g: 4.9986, loss_d: 0.1081, real_score: 0.9332,
fake_score: 0.0335
Saving generated-images-0223.png

```
{"model_id": "b2b74156d09a4c898c2a4f1fe090db70", "version_major": 2, "version_minor": 0}
```

Epoch [224/500], loss_g: 10.1099, loss_d: 0.5860, real_score: 0.9855,
fake_score: 0.3907
Saving generated-images-0224.png

```
{"model_id": "391f49c999a44835bb384464878d5eec", "version_major": 2, "version_minor": 0}
```

Epoch [225/500], loss_g: 3.4534, loss_d: 0.2531, real_score: 0.8986,
fake_score: 0.1120
Saving generated-images-0225.png

```
{"model_id": "41937f1ec61542ab9dec0aba7dadb2ad", "version_major": 2, "version_minor": 0}
```

Epoch [226/500], loss_g: 4.9295, loss_d: 0.0950, real_score: 0.9473,
fake_score: 0.0377

Saving generated-images-0226.png

```
{"model_id": "b8f324788ba144db95122e3f8bbcf7c3", "version_major": 2, "version_minor": 0}
```

Epoch [227/500], loss_g: 4.0590, loss_d: 0.1389, real_score: 0.9015,
fake_score: 0.0235

Saving generated-images-0227.png

```
{"model_id": "aacf75ec3dbc4d86b1e899e9c52c1edb", "version_major": 2, "version_minor": 0}
```

Epoch [228/500], loss_g: 2.5526, loss_d: 0.2034, real_score: 0.8719,
fake_score: 0.0366

Saving generated-images-0228.png

```
{"model_id": "bc8713e6e7f442df99432b4e79ad4139", "version_major": 2, "version_minor": 0}
```

Epoch [229/500], loss_g: 3.3899, loss_d: 0.2440, real_score: 0.8604,
fake_score: 0.0615

Saving generated-images-0229.png

```
{"model_id": "d30915ecf04f4fc387e283d8b013abf3", "version_major": 2, "version_minor": 0}
```

Epoch [230/500], loss_g: 3.4188, loss_d: 0.2729, real_score: 0.8882,
fake_score: 0.1197

Saving generated-images-0230.png

```
{"model_id": "8ddec6096af14b70857b677c140d57d3", "version_major": 2, "version_minor": 0}
```

Epoch [231/500], loss_g: 3.0988, loss_d: 0.0951, real_score: 0.9490,
fake_score: 0.0393

Saving generated-images-0231.png

```
{"model_id": "d9478f75a75b4717ae649012e974fd98", "version_major": 2, "version_minor": 0}
```

Epoch [232/500], loss_g: 3.6841, loss_d: 0.0731, real_score: 0.9769,
fake_score: 0.0466

Saving generated-images-0232.png

```
{"model_id": "7342955fea064145b90f52492cdb2c15", "version_major": 2, "version_minor": 0}
```

Epoch [233/500], loss_g: 3.2656, loss_d: 0.0676, real_score: 0.9688, fake_score: 0.0328

Saving generated-images-0233.png

```
{"model_id": "0090890102d94fbb9bef0fdeb1833a13", "version_major": 2, "version_minor": 0}
```

Epoch [234/500], loss_g: 4.8807, loss_d: 0.1696, real_score: 0.9813, fake_score: 0.1351

Saving generated-images-0234.png

```
{"model_id": "49fcbae9aad9453eb99acd2664fc0015", "version_major": 2, "version_minor": 0}
```

Epoch [235/500], loss_g: 3.1353, loss_d: 0.1523, real_score: 0.9084, fake_score: 0.0428

Saving generated-images-0235.png

```
{"model_id": "792e8c1f859744f9a354ec1aa61312cc", "version_major": 2, "version_minor": 0}
```

Epoch [236/500], loss_g: 5.0066, loss_d: 0.0625, real_score: 0.9814, fake_score: 0.0417

Saving generated-images-0236.png

```
{"model_id": "f72b9809af384e498c7d6cffecd7d293", "version_major": 2, "version_minor": 0}
```

Epoch [237/500], loss_g: 4.8566, loss_d: 0.0438, real_score: 0.9810, fake_score: 0.0236

Saving generated-images-0237.png

```
{"model_id": "22cfa95dac004daf95c3b6f69be30147", "version_major": 2, "version_minor": 0}
```

Epoch [238/500], loss_g: 5.2302, loss_d: 0.0856, real_score: 0.9374, fake_score: 0.0153

Saving generated-images-0238.png

```
{"model_id": "b205e2c774f147ff838279fbeb02039d", "version_major": 2, "version_minor": 0}
```

Epoch [239/500], loss_g: 2.2299, loss_d: 0.1749, real_score: 0.8804,

fake_score: 0.0371
Saving generated-images-0239.png

```
{"model_id": "eac1437288d24b67bf377020f3ca9b85", "version_major": 2, "version_minor": 0}
```

Epoch [240/500], loss_g: 4.8123, loss_d: 0.2957, real_score: 0.9682,
fake_score: 0.2124
Saving generated-images-0240.png

```
{"model_id": "a9137126fcf0464d8882b9dc3e950e9e", "version_major": 2, "version_minor": 0}
```

Epoch [241/500], loss_g: 4.2752, loss_d: 0.1494, real_score: 0.9881,
fake_score: 0.1217
Saving generated-images-0241.png

```
{"model_id": "5111c9215fbc45289dda50bac921c712", "version_major": 2, "version_minor": 0}
```

Epoch [242/500], loss_g: 3.8830, loss_d: 0.1231, real_score: 0.9230,
fake_score: 0.0382
Saving generated-images-0242.png

```
{"model_id": "0385d265501d4a03b8608b90d03bf624", "version_major": 2, "version_minor": 0}
```

Epoch [243/500], loss_g: 3.3115, loss_d: 0.1229, real_score: 0.9606,
fake_score: 0.0745
Saving generated-images-0243.png

```
{"model_id": "de177641d2204280b499ced0e95e7555", "version_major": 2, "version_minor": 0}
```

Epoch [244/500], loss_g: 2.7694, loss_d: 0.2172, real_score: 0.8968,
fake_score: 0.0889
Saving generated-images-0244.png

```
{"model_id": "48af9ac873ae4cf0bb30605edaa2c2ae", "version_major": 2, "version_minor": 0}
```

Epoch [245/500], loss_g: 4.4116, loss_d: 0.1551, real_score: 0.9904,
fake_score: 0.1296
Saving generated-images-0245.png

```
{"model_id": "3433db41b8c542da9121d782cd21e0e3", "version_major": 2, "version_minor": 0}
```

Epoch [246/500], loss_g: 3.9427, loss_d: 0.1285, real_score: 0.9112,
fake_score: 0.0309
Saving generated-images-0246.png

```
{"model_id": "85673fa46e244202bdce1e90bbb1de86", "version_major": 2, "version_minor": 0}
```

Epoch [247/500], loss_g: 2.8081, loss_d: 0.2573, real_score: 0.8612,
fake_score: 0.0856
Saving generated-images-0247.png

```
{"model_id": "be758e48b0504dc9988b5f72594553c0", "version_major": 2, "version_minor": 0}
```

Epoch [248/500], loss_g: 4.6021, loss_d: 0.1588, real_score: 0.9366,
fake_score: 0.0778
Saving generated-images-0248.png

```
{"model_id": "8e5b55ceb6624b7582ee95cbcbbd68fe", "version_major": 2, "version_minor": 0}
```

Epoch [249/500], loss_g: 5.0467, loss_d: 0.1478, real_score: 0.9630,
fake_score: 0.0952
Saving generated-images-0249.png

```
{"model_id": "06a13096b0f04ba5820e62ba43c8b5e1", "version_major": 2, "version_minor": 0}
```

Epoch [250/500], loss_g: 13.2396, loss_d: 0.6963, real_score: 0.9881,
fake_score: 0.4516
Saving generated-images-0250.png

```
{"model_id": "f3f9fc8bec234193b58e725ac458ec42", "version_major": 2, "version_minor": 0}
```

Epoch [251/500], loss_g: 5.5045, loss_d: 0.2634, real_score: 0.9677,
fake_score: 0.1951
Saving generated-images-0251.png

```
{"model_id": "419e1f8a50e54d8e8219aad5ab2540bf", "version_major": 2, "version_minor": 0}
```

Epoch [252/500], loss_g: 2.8029, loss_d: 0.3127, real_score: 0.7689,
fake_score: 0.0144
Saving generated-images-0252.png

```
{"model_id": "3ec3a86d700d4e98af66a3a61dd1fa34", "version_major": 2, "version_minor": 0}
```

Epoch [253/500], loss_g: 4.4287, loss_d: 0.1812, real_score: 0.9532, fake_score: 0.1165

Saving generated-images-0253.png

```
{"model_id": "98536249854e44b68bfff1966dd43a342", "version_major": 2, "version_minor": 0}
```

Epoch [254/500], loss_g: 4.3086, loss_d: 0.1647, real_score: 0.9229, fake_score: 0.0657

Saving generated-images-0254.png

```
{"model_id": "c6883c91d9cb44018c1a488dc0f07d5c", "version_major": 2, "version_minor": 0}
```

Epoch [255/500], loss_g: 1.3335, loss_d: 0.2952, real_score: 0.7738, fake_score: 0.0254

Saving generated-images-0255.png

```
{"model_id": "2e30a0e91bc746e88ea9c9adcd35029a", "version_major": 2, "version_minor": 0}
```

Epoch [256/500], loss_g: 4.1091, loss_d: 0.1246, real_score: 0.9602, fake_score: 0.0770

Saving generated-images-0256.png

```
{"model_id": "1e91ac7eea914d8f99d192fb4249729b", "version_major": 2, "version_minor": 0}
```

Epoch [257/500], loss_g: 2.8703, loss_d: 0.2214, real_score: 0.8795, fake_score: 0.0697

Saving generated-images-0257.png

```
{"model_id": "0c4c517ff9f34ab1b8d1d0b098d72e6c", "version_major": 2, "version_minor": 0}
```

Epoch [258/500], loss_g: 3.7056, loss_d: 0.1609, real_score: 0.9030, fake_score: 0.0484

Saving generated-images-0258.png

```
{"model_id": "f347cd4258af4199b5d16a3c2fc02688", "version_major": 2, "version_minor": 0}
```

Epoch [259/500], loss_g: 2.6443, loss_d: 0.1738, real_score: 0.8875,

```
fake_score: 0.0417
Saving generated-images-0259.png

{"model_id": "25b72107d5a244db96d661e66189a68c", "version_major": 2, "version_minor": 0}

Epoch [260/500], loss_g: 2.3933, loss_d: 0.2536, real_score: 0.8597,
fake_score: 0.0721
Saving generated-images-0260.png

{"model_id": "25ae001f326b4e498e8f6ea4dea9fb76", "version_major": 2, "version_minor": 0}

Epoch [261/500], loss_g: 2.3899, loss_d: 0.2353, real_score: 0.8172,
fake_score: 0.0139
Saving generated-images-0261.png

{"model_id": "4ebe7d4419394135ad303293e528ec71", "version_major": 2, "version_minor": 0}

Epoch [262/500], loss_g: 4.3706, loss_d: 0.1293, real_score: 0.9405,
fake_score: 0.0616
Saving generated-images-0262.png

{"model_id": "ee40baf8dba94e41a98df2c0bc047326", "version_major": 2, "version_minor": 0}

Epoch [263/500], loss_g: 3.7608, loss_d: 0.1118, real_score: 0.9574,
fake_score: 0.0589
Saving generated-images-0263.png

{"model_id": "92b59273866b40b9a9199adf6bb865ef", "version_major": 2, "version_minor": 0}

Epoch [264/500], loss_g: 3.8858, loss_d: 0.2078, real_score: 0.9663,
fake_score: 0.1470
Saving generated-images-0264.png

{"model_id": "c67cb9ff5d08469e949d62d013baf85a", "version_major": 2, "version_minor": 0}

Epoch [265/500], loss_g: 2.8205, loss_d: 0.2238, real_score: 0.8846,
fake_score: 0.0815
Saving generated-images-0265.png

{"model_id": "f4540b1d16e64e60bad43b545becbf97", "version_major": 2, "version_minor": 0}
```


Epoch [266/500], loss_g: 1.2863, loss_d: 0.5402, real_score: 0.6877,
fake_score: 0.0703

Saving generated-images-0266.png

```
{"model_id": "71ec728dd8344217ac1e41f50dffc507", "version_major": 2, "version_minor": 0}
```

Epoch [267/500], loss_g: 1.8533, loss_d: 0.4589, real_score: 0.7720,
fake_score: 0.1331

Saving generated-images-0267.png

```
{"model_id": "bbce235e111b46079fdf72c884c47285", "version_major": 2, "version_minor": 0}
```

Epoch [268/500], loss_g: 3.5214, loss_d: 0.1914, real_score: 0.9157,
fake_score: 0.0860

Saving generated-images-0268.png

```
{"model_id": "32a2e63f61a44e8e9fc999e99007b52f", "version_major": 2, "version_minor": 0}
```

Epoch [269/500], loss_g: 3.0805, loss_d: 0.1670, real_score: 0.8881,
fake_score: 0.0406

Saving generated-images-0269.png

```
{"model_id": "9e77ce6121114283a061a9759d5f14f8", "version_major": 2, "version_minor": 0}
```

Epoch [270/500], loss_g: 3.8645, loss_d: 0.1500, real_score: 0.9534,
fake_score: 0.0932

Saving generated-images-0270.png

```
{"model_id": "21f59b4b9c2f4293a68eb11c4a7aea0e", "version_major": 2, "version_minor": 0}
```

Epoch [271/500], loss_g: 2.3758, loss_d: 0.2367, real_score: 0.8586,
fake_score: 0.0397

Saving generated-images-0271.png

```
{"model_id": "6385a76a558b4f49ace1970f2395fe13", "version_major": 2, "version_minor": 0}
```

Epoch [272/500], loss_g: 4.7253, loss_d: 0.2774, real_score: 0.9790,
fake_score: 0.2100

Saving generated-images-0272.png

```
{"model_id": "275ed21ff209416b8cf192879f35b64f", "version_major": 2, "version_minor": 0}
```

Epoch [273/500], loss_g: 4.7932, loss_d: 0.1089, real_score: 0.9697, fake_score: 0.0705

Saving generated-images-0273.png

```
{"model_id": "c47e7a5aebd544f0ade21e5c81e1ee5f", "version_major": 2, "version_minor": 0}
```

Epoch [274/500], loss_g: 1.0897, loss_d: 0.3119, real_score: 0.7798, fake_score: 0.0247

Saving generated-images-0274.png

```
{"model_id": "280db282bd0e44f5814d703332e5c857", "version_major": 2, "version_minor": 0}
```

Epoch [275/500], loss_g: 2.6255, loss_d: 0.2561, real_score: 0.8701, fake_score: 0.1009

Saving generated-images-0275.png

```
{"model_id": "83c8365ef7bb4f84bc48099f2c176327", "version_major": 2, "version_minor": 0}
```

Epoch [276/500], loss_g: 3.6813, loss_d: 0.1346, real_score: 0.9549, fake_score: 0.0775

Saving generated-images-0276.png

```
{"model_id": "37c1a4f3fc264b11a7e3af5542429c0f", "version_major": 2, "version_minor": 0}
```

Epoch [277/500], loss_g: 3.1872, loss_d: 0.1332, real_score: 0.9285, fake_score: 0.0536

Saving generated-images-0277.png

```
{"model_id": "803e63ffc590463e87c89c3ae773dde0", "version_major": 2, "version_minor": 0}
```

Epoch [278/500], loss_g: 5.6132, loss_d: 0.2490, real_score: 0.9820, fake_score: 0.1958

Saving generated-images-0278.png

```
{"model_id": "afa49c9e14764347b495b43fa062ebd9", "version_major": 2, "version_minor": 0}
```

Epoch [279/500], loss_g: 3.7827, loss_d: 0.1663, real_score: 0.8965,

fake_score: 0.0398
Saving generated-images-0279.png

```
{"model_id": "6c296d3d45fc4c0e9734ffc475f1185a", "version_major": 2, "version_minor": 0}
```

Epoch [280/500], loss_g: 2.1871, loss_d: 0.1869, real_score: 0.8738,
fake_score: 0.0406
Saving generated-images-0280.png

```
{"model_id": "433ef5d695484da8af3a209ad424bc7f", "version_major": 2, "version_minor": 0}
```

Epoch [281/500], loss_g: 3.9540, loss_d: 0.0760, real_score: 0.9629,
fake_score: 0.0349
Saving generated-images-0281.png

```
{"model_id": "fc73edcf6c3d4c84a018a657ca9d946f", "version_major": 2, "version_minor": 0}
```

Epoch [282/500], loss_g: 3.8503, loss_d: 0.0728, real_score: 0.9529,
fake_score: 0.0184
Saving generated-images-0282.png

```
{"model_id": "7320535d05e540ee9ef428653d6d4328", "version_major": 2, "version_minor": 0}
```

Epoch [283/500], loss_g: 1.4859, loss_d: 0.7027, real_score: 0.6324,
fake_score: 0.0647
Saving generated-images-0283.png

```
{"model_id": "c3776a068e0b4de1b33c89684d9f2e10", "version_major": 2, "version_minor": 0}
```

Epoch [284/500], loss_g: 3.7252, loss_d: 0.1534, real_score: 0.9476,
fake_score: 0.0893
Saving generated-images-0284.png

```
{"model_id": "a5eddb6edef456c871e68de4284e3d3", "version_major": 2, "version_minor": 0}
```

Epoch [285/500], loss_g: 1.1128, loss_d: 0.3476, real_score: 0.7879,
fake_score: 0.0879
Saving generated-images-0285.png

```
{"model_id": "be7727886a9d45dc8234139f0936c90f", "version_major": 2, "version_minor": 0}
```

Epoch [286/500], loss_g: 4.7516, loss_d: 0.3308, real_score: 0.9685,
fake_score: 0.2300
Saving generated-images-0286.png

```
{"model_id": "cd08038e6e2a407bac68a00822c6f8dd", "version_major": 2, "version_minor": 0}
```

Epoch [287/500], loss_g: 3.4991, loss_d: 0.1924, real_score: 0.8822,
fake_score: 0.0524
Saving generated-images-0287.png

```
{"model_id": "9078e6423c4e423aabec81b2f8f58f6e", "version_major": 2, "version_minor": 0}
```

Epoch [288/500], loss_g: 3.0880, loss_d: 0.1503, real_score: 0.9118,
fake_score: 0.0504
Saving generated-images-0288.png

```
{"model_id": "e864bdcb573c4705b97505e1e1ce8180", "version_major": 2, "version_minor": 0}
```

Epoch [289/500], loss_g: 3.3537, loss_d: 0.1146, real_score: 0.9616,
fake_score: 0.0701
Saving generated-images-0289.png

```
{"model_id": "241cdfb2a4e94b92a9469860a7e2bf6d", "version_major": 2, "version_minor": 0}
```

Epoch [290/500], loss_g: 3.8744, loss_d: 0.0753, real_score: 0.9836,
fake_score: 0.0550
Saving generated-images-0290.png

```
{"model_id": "01863c2844534f94a08acd95c18a3e", "version_major": 2, "version_minor": 0}
```

Epoch [291/500], loss_g: 4.1169, loss_d: 0.0667, real_score: 0.9900,
fake_score: 0.0541
Saving generated-images-0291.png

```
{"model_id": "b2dcfcc1954f4d6dbc4b835762f9a989", "version_major": 2, "version_minor": 0}
```

Epoch [292/500], loss_g: 4.8422, loss_d: 0.2047, real_score: 0.9783,
fake_score: 0.1594
Saving generated-images-0292.png

```
{"model_id": "da1aead4ab5f48f59e497fa98ee5b714", "version_major": 2, "version_minor": 0}
```

Epoch [293/500], loss_g: 4.0415, loss_d: 0.0908, real_score: 0.9440, fake_score: 0.0304

Saving generated-images-0293.png

```
{"model_id": "ada969a28ccb4223ac370bc1db6f9c61", "version_major": 2, "version_minor": 0}
```

Epoch [294/500], loss_g: 3.7823, loss_d: 0.1177, real_score: 0.9460, fake_score: 0.0564

Saving generated-images-0294.png

```
{"model_id": "d27531d03d7d439798722d965e2824b5", "version_major": 2, "version_minor": 0}
```

Epoch [295/500], loss_g: 3.1108, loss_d: 0.1141, real_score: 0.9171, fake_score: 0.0241

Saving generated-images-0295.png

```
{"model_id": "a2ac182603ee44c4ac96667f24dab1b2", "version_major": 2, "version_minor": 0}
```

Epoch [296/500], loss_g: 4.7996, loss_d: 0.1174, real_score: 0.9718, fake_score: 0.0814

Saving generated-images-0296.png

```
{"model_id": "77ae3714408c4e0d886933b2235eb936", "version_major": 2, "version_minor": 0}
```

Epoch [297/500], loss_g: 1.7715, loss_d: 0.2587, real_score: 0.8018, fake_score: 0.0066

Saving generated-images-0297.png

```
{"model_id": "4150a809e55e461db17f37faf9c6be18", "version_major": 2, "version_minor": 0}
```

Epoch [298/500], loss_g: 2.1897, loss_d: 0.4087, real_score: 0.7484, fake_score: 0.0627

Saving generated-images-0298.png

```
{"model_id": "204e216dcb4a4dbd8b65f3b517155c53", "version_major": 2, "version_minor": 0}
```

Epoch [299/500], loss_g: 4.4986, loss_d: 0.1519, real_score: 0.9421,

fake_score: 0.0821
Saving generated-images-0299.png

```
{"model_id": "3798d7931f84410fa7fcfbe3b1f4c690", "version_major": 2, "version_minor": 0}
```

Epoch [300/500], loss_g: 0.9834, loss_d: 2.1097, real_score: 0.1852,
fake_score: 0.0004
Saving generated-images-0300.png

```
{"model_id": "b9aebf5e805d4a9aa9d157d159935864", "version_major": 2, "version_minor": 0}
```

Epoch [301/500], loss_g: 4.1390, loss_d: 0.1861, real_score: 0.9542,
fake_score: 0.1245
Saving generated-images-0301.png

```
{"model_id": "5edb441dbb1c436e86fe455ff886e139", "version_major": 2, "version_minor": 0}
```

Epoch [302/500], loss_g: 1.9425, loss_d: 0.2234, real_score: 0.8742,
fake_score: 0.0537
Saving generated-images-0302.png

```
{"model_id": "955affe9058e40e2849b73d5f71a20a9", "version_major": 2, "version_minor": 0}
```

Epoch [303/500], loss_g: 3.6873, loss_d: 0.1059, real_score: 0.9681,
fake_score: 0.0676
Saving generated-images-0303.png

```
{"model_id": "7048ec16d4e34d36a0d0922384fac801", "version_major": 2, "version_minor": 0}
```

Epoch [304/500], loss_g: 2.5285, loss_d: 0.1783, real_score: 0.8849,
fake_score: 0.0395
Saving generated-images-0304.png

```
{"model_id": "2a07aff7191b4a97bfac24d5289dec4c", "version_major": 2, "version_minor": 0}
```

Epoch [305/500], loss_g: 0.1537, loss_d: 0.9250, real_score: 0.4721,
fake_score: 0.0113
Saving generated-images-0305.png

```
{"model_id": "f1ceb801775b4354b3eb6d1d79ca5b20", "version_major": 2, "version_minor": 0}
```

Epoch [306/500], loss_g: 2.8625, loss_d: 0.3655, real_score: 0.8121,
fake_score: 0.1169

Saving generated-images-0306.png

```
{"model_id": "72f7aa1b4ec94d3494291f506374be4b", "version_major": 2, "version_minor": 0}
```

Epoch [307/500], loss_g: 1.4757, loss_d: 0.3571, real_score: 0.7727,
fake_score: 0.0540

Saving generated-images-0307.png

```
{"model_id": "3406d1edb5eb468f8bded05e493bed7d", "version_major": 2, "version_minor": 0}
```

Epoch [308/500], loss_g: 4.1090, loss_d: 0.1887, real_score: 0.9602,
fake_score: 0.1261

Saving generated-images-0308.png

```
{"model_id": "64608902b3fa4ac692f202514fd7b6d7", "version_major": 2, "version_minor": 0}
```

Epoch [309/500], loss_g: 4.1659, loss_d: 0.1425, real_score: 0.9242,
fake_score: 0.0520

Saving generated-images-0309.png

```
{"model_id": "ad040e742b7a4eaa94a00692e3f1993f", "version_major": 2, "version_minor": 0}
```

Epoch [310/500], loss_g: 3.4222, loss_d: 0.0995, real_score: 0.9340,
fake_score: 0.0287

Saving generated-images-0310.png

```
{"model_id": "0cc38de8a4d341c0b8c6cd3f6f1309a1", "version_major": 2, "version_minor": 0}
```

Epoch [311/500], loss_g: 2.3093, loss_d: 0.1691, real_score: 0.9143,
fake_score: 0.0711

Saving generated-images-0311.png

```
{"model_id": "e4ba0d23577d459787743122b5a924df", "version_major": 2, "version_minor": 0}
```

Epoch [312/500], loss_g: 2.9093, loss_d: 0.1881, real_score: 0.8972,
fake_score: 0.0667

Saving generated-images-0312.png


```
{"model_id": "e6a2575aa66b450abaad2584ce6a06c8", "version_major": 2, "version_minor": 0}
```

Epoch [313/500], loss_g: 3.6928, loss_d: 0.1208, real_score: 0.9353, fake_score: 0.0479

Saving generated-images-0313.png

```
{"model_id": "f3af448379974f8ca90af394d53f30c9", "version_major": 2, "version_minor": 0}
```

Epoch [314/500], loss_g: 5.2526, loss_d: 0.1488, real_score: 0.9904, fake_score: 0.1238

Saving generated-images-0314.png

```
{"model_id": "bce72c1f74d54c179c135ce9a286e16f", "version_major": 2, "version_minor": 0}
```

Epoch [315/500], loss_g: 4.1620, loss_d: 0.0512, real_score: 0.9733, fake_score: 0.0233

Saving generated-images-0315.png

```
{"model_id": "64b986fb29394a2b80f04e20dba1268c", "version_major": 2, "version_minor": 0}
```

Epoch [316/500], loss_g: 3.9368, loss_d: 0.0762, real_score: 0.9746, fake_score: 0.0479

Saving generated-images-0316.png

```
{"model_id": "68fe82591abf45dba83fad0dbd85696d", "version_major": 2, "version_minor": 0}
```

Epoch [317/500], loss_g: 3.5691, loss_d: 0.1660, real_score: 0.9398, fake_score: 0.0919

Saving generated-images-0317.png

```
{"model_id": "aba83d008d2249d081a8e3b9db740545", "version_major": 2, "version_minor": 0}
```

Epoch [318/500], loss_g: 4.3245, loss_d: 0.0867, real_score: 0.9521, fake_score: 0.0346

Saving generated-images-0318.png

```
{"model_id": "62e653bc01e14736a6731eed0a7e80ba", "version_major": 2, "version_minor": 0}
```

Epoch [319/500], loss_g: 10.4066, loss_d: 0.7362, real_score: 0.9969,

fake_score: 0.4490

Saving generated-images-0319.png

```
{"model_id": "d2ac659b082d4bd7bf9e99c71bc6cb0d", "version_major": 2, "version_minor": 0}
```

Epoch [320/500], loss_g: 2.5415, loss_d: 0.2745, real_score: 0.8476, fake_score: 0.0842

Saving generated-images-0320.png

```
{"model_id": "8c1cdcf854b84460ad364819ce0c68fa", "version_major": 2, "version_minor": 0}
```

Epoch [321/500], loss_g: 3.2263, loss_d: 0.2248, real_score: 0.9019, fake_score: 0.0911

Saving generated-images-0321.png

```
{"model_id": "2ae8c25c284d468987d3a9d56f1e5709", "version_major": 2, "version_minor": 0}
```

Epoch [322/500], loss_g: 4.6676, loss_d: 0.2951, real_score: 0.9767, fake_score: 0.2225

Saving generated-images-0322.png

```
{"model_id": "469cac37c7154c70b0f689066caf35d5", "version_major": 2, "version_minor": 0}
```

Epoch [323/500], loss_g: 4.9641, loss_d: 0.2514, real_score: 0.9813, fake_score: 0.1954

Saving generated-images-0323.png

```
{"model_id": "2b5bd184dfe3445183216576877be466", "version_major": 2, "version_minor": 0}
```

Epoch [324/500], loss_g: 4.4473, loss_d: 0.1766, real_score: 0.9583, fake_score: 0.1187

Saving generated-images-0324.png

```
{"model_id": "2c2b2c82f134401498b9afe61bd0b343", "version_major": 2, "version_minor": 0}
```

Epoch [325/500], loss_g: 2.9052, loss_d: 0.1637, real_score: 0.9206, fake_score: 0.0713

Saving generated-images-0325.png

```
{"model_id": "1c0264e76a5943fbb30b2c4f55cc8349", "version_major": 2, "version_minor": 0}
```

Epoch [326/500], loss_g: 4.3472, loss_d: 0.1622, real_score: 0.9874,
fake_score: 0.1328

Saving generated-images-0326.png

```
{"model_id": "c0c500c92fd04beaad8471770039b711", "version_major": 2, "version_minor": 0}
```

Epoch [327/500], loss_g: 4.0201, loss_d: 0.1185, real_score: 0.9568,
fake_score: 0.0669

Saving generated-images-0327.png

```
{"model_id": "29501013ba6d49a7aa382549f3beda0d", "version_major": 2, "version_minor": 0}
```

Epoch [328/500], loss_g: 10.0987, loss_d: 0.7029, real_score: 0.9894,
fake_score: 0.4467

Saving generated-images-0328.png

```
{"model_id": "0b2d93e349504a93b4fee5898075800f", "version_major": 2, "version_minor": 0}
```

Epoch [329/500], loss_g: 3.1478, loss_d: 0.1662, real_score: 0.8771,
fake_score: 0.0252

Saving generated-images-0329.png

```
{"model_id": "131b492651194734b8df6439ccc2bedf", "version_major": 2, "version_minor": 0}
```

Epoch [330/500], loss_g: 2.6551, loss_d: 0.1536, real_score: 0.9044,
fake_score: 0.0483

Saving generated-images-0330.png

```
{"model_id": "730de72cea144163b304c440bc6b5646", "version_major": 2, "version_minor": 0}
```

Epoch [331/500], loss_g: 3.7010, loss_d: 0.1233, real_score: 0.9343,
fake_score: 0.0494

Saving generated-images-0331.png

```
{"model_id": "e205297b0e2b4272942a06a2b8efa5a1", "version_major": 2, "version_minor": 0}
```

Epoch [332/500], loss_g: 3.1616, loss_d: 0.3929, real_score: 0.7863,
fake_score: 0.0644

Saving generated-images-0332.png

```
{"model_id": "f032afee721845019b468041592f4977", "version_major": 2, "version_minor": 0}
```

Epoch [333/500], loss_g: 3.4959, loss_d: 0.1481, real_score: 0.9387, fake_score: 0.0743

Saving generated-images-0333.png

```
{"model_id": "67edfff936c34005b369bca22166709d", "version_major": 2, "version_minor": 0}
```

Epoch [334/500], loss_g: 1.0957, loss_d: 0.3346, real_score: 0.8044, fake_score: 0.0757

Saving generated-images-0334.png

```
{"model_id": "ac5231c347e9499491f9e068cbaf85d8", "version_major": 2, "version_minor": 0}
```

Epoch [335/500], loss_g: 4.2091, loss_d: 0.1598, real_score: 0.8964, fake_score: 0.0420

Saving generated-images-0335.png

```
{"model_id": "4bcfc0c562a84d13b9ca3481b9f5d8ae", "version_major": 2, "version_minor": 0}
```

Epoch [336/500], loss_g: 3.7694, loss_d: 0.2246, real_score: 0.9770, fake_score: 0.1709

Saving generated-images-0336.png

```
{"model_id": "be7e786a58e84e74b490eba47247f714", "version_major": 2, "version_minor": 0}
```

Epoch [337/500], loss_g: 3.3372, loss_d: 0.0872, real_score: 0.9637, fake_score: 0.0471

Saving generated-images-0337.png

```
{"model_id": "ef443a4e1363486db2faccab07355ff0", "version_major": 2, "version_minor": 0}
```

Epoch [338/500], loss_g: 4.1511, loss_d: 0.1078, real_score: 0.9375, fake_score: 0.0407

Saving generated-images-0338.png

```
{"model_id": "8eb7ca03ef774c64a9b110aab554497f", "version_major": 2, "version_minor": 0}
```

Epoch [339/500], loss_g: 1.6123, loss_d: 0.5245, real_score: 0.6266,

fake_score: 0.0066
Saving generated-images-0339.png

```
{"model_id": "6dbf7a9637924e188ee3f0987dd6e84f", "version_major": 2, "version_minor": 0}
```

Epoch [340/500], loss_g: 3.2819, loss_d: 0.1405, real_score: 0.9319,
fake_score: 0.0633
Saving generated-images-0340.png

```
{"model_id": "6645f2eef296468582b055c6d7c12476", "version_major": 2, "version_minor": 0}
```

Epoch [341/500], loss_g: 3.0285, loss_d: 0.1338, real_score: 0.9151,
fake_score: 0.0394
Saving generated-images-0341.png

```
{"model_id": "a9e18d1bc94a49fe88459a3185bf906b", "version_major": 2, "version_minor": 0}
```

Epoch [342/500], loss_g: 3.3293, loss_d: 0.1671, real_score: 0.8985,
fake_score: 0.0509
Saving generated-images-0342.png

```
{"model_id": "b51143a8e44d414fac654b40d86702f7", "version_major": 2, "version_minor": 0}
```

Epoch [343/500], loss_g: 4.2133, loss_d: 0.2094, real_score: 0.9822,
fake_score: 0.1646
Saving generated-images-0343.png

```
{"model_id": "e6bebf056bd845f1a43e123c729d311c", "version_major": 2, "version_minor": 0}
```

Epoch [344/500], loss_g: 4.1025, loss_d: 0.0837, real_score: 0.9341,
fake_score: 0.0136
Saving generated-images-0344.png

```
{"model_id": "d17e822e25244b37ae00c9bf4b55e872", "version_major": 2, "version_minor": 0}
```

Epoch [345/500], loss_g: 2.6642, loss_d: 0.2393, real_score: 0.8782,
fake_score: 0.0876
Saving generated-images-0345.png

```
{"model_id": "dad62ac7fbae42af98a7fa7730a599bc", "version_major": 2, "version_minor": 0}
```

Epoch [346/500], loss_g: 4.4654, loss_d: 0.1404, real_score: 0.9380,
fake_score: 0.0691

Saving generated-images-0346.png

```
{"model_id": "541e72576a8f4931be84c58463c52cec", "version_major": 2, "version_minor": 0}
```

Epoch [347/500], loss_g: 2.5118, loss_d: 0.1501, real_score: 0.9066,
fake_score: 0.0465

Saving generated-images-0347.png

```
{"model_id": "97e498c8a46940d5aa458a667e1c5310", "version_major": 2, "version_minor": 0}
```

Epoch [348/500], loss_g: 3.1518, loss_d: 0.1005, real_score: 0.9379,
fake_score: 0.0336

Saving generated-images-0348.png

```
{"model_id": "fa432d9afe1a44eeaa7146e6ba76cc32", "version_major": 2, "version_minor": 0}
```

Epoch [349/500], loss_g: 4.0308, loss_d: 0.1133, real_score: 0.9223,
fake_score: 0.0289

Saving generated-images-0349.png

```
{"model_id": "466cd1ba83c94531a4bd5856349519d7", "version_major": 2, "version_minor": 0}
```

Epoch [350/500], loss_g: 0.1142, loss_d: 1.7684, real_score: 0.2705,
fake_score: 0.0009

Saving generated-images-0350.png

```
{"model_id": "14a3827e411344ff810a206cd3ddb810", "version_major": 2, "version_minor": 0}
```

Epoch [351/500], loss_g: 4.5990, loss_d: 0.1723, real_score: 0.9774,
fake_score: 0.1309

Saving generated-images-0351.png

```
{"model_id": "c992e12f93a84eaebed522164473912f", "version_major": 2, "version_minor": 0}
```

Epoch [352/500], loss_g: 2.9676, loss_d: 0.1724, real_score: 0.9241,
fake_score: 0.0788

Saving generated-images-0352.png

```
{"model_id": "f2221e5009f9457bac54675aef6954e3", "version_major": 2, "version_minor": 0}
```

Epoch [353/500], loss_g: 3.1429, loss_d: 0.1223, real_score: 0.9145, fake_score: 0.0296

Saving generated-images-0353.png

```
{"model_id": "bb56c457812f400cbc14bbf3b14fb9ef", "version_major": 2, "version_minor": 0}
```

Epoch [354/500], loss_g: 2.5041, loss_d: 0.3012, real_score: 0.8306, fake_score: 0.0844

Saving generated-images-0354.png

```
{"model_id": "b3fb63d70e34454c83ac9c5692f1c604", "version_major": 2, "version_minor": 0}
```

Epoch [355/500], loss_g: 3.3998, loss_d: 0.1431, real_score: 0.9108, fake_score: 0.0451

Saving generated-images-0355.png

```
{"model_id": "2dd3876da61848648022f7ef02f52f78", "version_major": 2, "version_minor": 0}
```

Epoch [356/500], loss_g: 3.9576, loss_d: 0.1029, real_score: 0.9821, fake_score: 0.0777

Saving generated-images-0356.png

```
{"model_id": "3287590a7375431a8f01098d9abccc93", "version_major": 2, "version_minor": 0}
```

Epoch [357/500], loss_g: 4.5720, loss_d: 0.1122, real_score: 0.9855, fake_score: 0.0896

Saving generated-images-0357.png

```
{"model_id": "0732197aab9d413cb8c96ae079084056", "version_major": 2, "version_minor": 0}
```

Epoch [358/500], loss_g: 3.2920, loss_d: 0.1239, real_score: 0.9181, fake_score: 0.0338

Saving generated-images-0358.png

```
{"model_id": "6c6ccc47d3b94edbac167ce79d70f2b4", "version_major": 2, "version_minor": 0}
```

Epoch [359/500], loss_g: 2.6216, loss_d: 0.1369, real_score: 0.8961,

fake_score: 0.0212
Saving generated-images-0359.png

```
{"model_id": "ee2c4ed2a7bf48409498c6b3e597b580", "version_major": 2, "version_minor": 0}
```

Epoch [360/500], loss_g: 3.3361, loss_d: 0.1637, real_score: 0.9016,
fake_score: 0.0471
Saving generated-images-0360.png

```
{"model_id": "434c502b23434d1795ccb9bbdfa44d52", "version_major": 2, "version_minor": 0}
```

Epoch [361/500], loss_g: 4.5220, loss_d: 0.1445, real_score: 0.9648,
fake_score: 0.0964
Saving generated-images-0361.png

```
{"model_id": "548a6145078641719f7272a83dd5289e", "version_major": 2, "version_minor": 0}
```

Epoch [362/500], loss_g: 3.7223, loss_d: 0.1471, real_score: 0.9410,
fake_score: 0.0708
Saving generated-images-0362.png

```
{"model_id": "b50a088bc3984fa7864b0e6fb5108d5a", "version_major": 2, "version_minor": 0}
```

Epoch [363/500], loss_g: 4.5764, loss_d: 0.1192, real_score: 0.9536,
fake_score: 0.0588
Saving generated-images-0363.png

```
{"model_id": "a3ea7c64d1404eec8dc19385570a80cc", "version_major": 2, "version_minor": 0}
```

Epoch [364/500], loss_g: 4.3835, loss_d: 0.3937, real_score: 0.7273,
fake_score: 0.0064
Saving generated-images-0364.png

```
{"model_id": "2979307f24544d2c87957a814564c993", "version_major": 2, "version_minor": 0}
```

Epoch [365/500], loss_g: 3.4498, loss_d: 0.1802, real_score: 0.8777,
fake_score: 0.0379
Saving generated-images-0365.png

```
{"model_id": "24f45464579340aeaed9388a9f1bdb5f", "version_major": 2, "version_minor": 0}
```

Epoch [366/500], loss_g: 5.0194, loss_d: 0.1010, real_score: 0.9809,
fake_score: 0.0752

Saving generated-images-0366.png

```
{"model_id": "9f06346deaac47cbb678ca8dfdd14727", "version_major": 2, "version_minor": 0}
```

Epoch [367/500], loss_g: 3.6897, loss_d: 0.0842, real_score: 0.9565,
fake_score: 0.0360

Saving generated-images-0367.png

```
{"model_id": "3111fe96e6314c01b955ea6f001d6d08", "version_major": 2, "version_minor": 0}
```

Epoch [368/500], loss_g: 3.8363, loss_d: 0.1064, real_score: 0.9455,
fake_score: 0.0471

Saving generated-images-0368.png

```
{"model_id": "55fe32dd2d50404396d503e7a3f0b164", "version_major": 2, "version_minor": 0}
```

Epoch [369/500], loss_g: 3.0415, loss_d: 0.1104, real_score: 0.9341,
fake_score: 0.0382

Saving generated-images-0369.png

```
{"model_id": "a2a316318d944afe90c8a50e7dd598e4", "version_major": 2, "version_minor": 0}
```

Epoch [370/500], loss_g: 5.1012, loss_d: 0.1207, real_score: 0.9605,
fake_score: 0.0731

Saving generated-images-0370.png

```
{"model_id": "3d4157a03af24e51ba318fe69bc2da60", "version_major": 2, "version_minor": 0}
```

Epoch [371/500], loss_g: 0.4629, loss_d: 0.2829, real_score: 0.7743,
fake_score: 0.0152

Saving generated-images-0371.png

```
{"model_id": "375af45ca9a7494e99a05c4cb41d984f", "version_major": 2, "version_minor": 0}
```

Epoch [372/500], loss_g: 2.7585, loss_d: 0.2662, real_score: 0.8390,
fake_score: 0.0673

Saving generated-images-0372.png

```
{"model_id": "009e93f1de1f47a8acda199d85e0a873", "version_major": 2, "version_minor": 0}
```

Epoch [373/500], loss_g: 4.3208, loss_d: 0.1443, real_score: 0.9581, fake_score: 0.0899

Saving generated-images-0373.png

```
{"model_id": "8027d997e5c14f0cb0bd9dac3343d916", "version_major": 2, "version_minor": 0}
```

Epoch [374/500], loss_g: 4.0027, loss_d: 0.0967, real_score: 0.9377, fake_score: 0.0300

Saving generated-images-0374.png

```
{"model_id": "8fbc473d0b2644dca65e9c0dee7ed588", "version_major": 2, "version_minor": 0}
```

Epoch [375/500], loss_g: 2.2274, loss_d: 0.2317, real_score: 0.8283, fake_score: 0.0287

Saving generated-images-0375.png

```
{"model_id": "d869802eb83f4036987dbd26dc28a6ae", "version_major": 2, "version_minor": 0}
```

Epoch [376/500], loss_g: 4.3477, loss_d: 0.1218, real_score: 0.9408, fake_score: 0.0531

Saving generated-images-0376.png

```
{"model_id": "52c9650308e9426590b115f831f11514", "version_major": 2, "version_minor": 0}
```

Epoch [377/500], loss_g: 2.6333, loss_d: 0.2021, real_score: 0.8754, fake_score: 0.0532

Saving generated-images-0377.png

```
{"model_id": "34a19593aedb456994d4b38b070c334f", "version_major": 2, "version_minor": 0}
```

Epoch [378/500], loss_g: 3.0761, loss_d: 0.1793, real_score: 0.8611, fake_score: 0.0214

Saving generated-images-0378.png

```
{"model_id": "420698ad192547088a006606c612a8ff", "version_major": 2, "version_minor": 0}
```

Epoch [379/500], loss_g: 0.5988, loss_d: 0.4230, real_score: 0.7064,

```
fake_score: 0.0352
Saving generated-images-0379.png

{"model_id": "04713392cfe048b09bfee4b7371e77c1", "version_major": 2, "version_minor": 0}

Epoch [380/500], loss_g: 2.5674, loss_d: 0.2443, real_score: 0.8372,
fake_score: 0.0474
Saving generated-images-0380.png

{"model_id": "9300192267b04870b13bffc86046859d", "version_major": 2, "version_minor": 0}

Epoch [381/500], loss_g: 4.2874, loss_d: 0.1223, real_score: 0.9734,
fake_score: 0.0869
Saving generated-images-0381.png

{"model_id": "418b440d58cd4cc68934472d24bb225f", "version_major": 2, "version_minor": 0}

Epoch [382/500], loss_g: 2.9230, loss_d: 0.0772, real_score: 0.9438,
fake_score: 0.0181
Saving generated-images-0382.png

{"model_id": "a94f8effb45f45bc92ed71004c7a3e43", "version_major": 2, "version_minor": 0}

Epoch [383/500], loss_g: 3.8423, loss_d: 0.1214, real_score: 0.9728,
fake_score: 0.0868
Saving generated-images-0383.png

{"model_id": "0ebcf5b2530e4f24b933b66485cd8738", "version_major": 2, "version_minor": 0}

Epoch [384/500], loss_g: 1.7283, loss_d: 3.8155, real_score: 0.0460,
fake_score: 0.0001
Saving generated-images-0384.png

{"model_id": "cb26394e3e544d9584bcf6cff914cc5a", "version_major": 2, "version_minor": 0}

Epoch [385/500], loss_g: 3.4844, loss_d: 0.2187, real_score: 0.8995,
fake_score: 0.0977
Saving generated-images-0385.png

{"model_id": "01155269d44e48d4a39c30e1c4418e77", "version_major": 2, "version_minor": 0}
```

Epoch [386/500], loss_g: 1.6523, loss_d: 0.4277, real_score: 0.7462,
fake_score: 0.0696
Saving generated-images-0386.png

```
{"model_id": "f08de8ca65e7416ead71a13986109c63", "version_major": 2, "version_minor": 0}
```

Epoch [387/500], loss_g: 3.2629, loss_d: 0.2982, real_score: 0.8506,
fake_score: 0.1084
Saving generated-images-0387.png

```
{"model_id": "5881d68f5fdd438e8ee518f0d65f362d", "version_major": 2, "version_minor": 0}
```

Epoch [388/500], loss_g: 3.6567, loss_d: 0.1013, real_score: 0.9344,
fake_score: 0.0301
Saving generated-images-0388.png

```
{"model_id": "1ef49f6322f74fdfb19bcd82e082f0b9", "version_major": 2, "version_minor": 0}
```

Epoch [389/500], loss_g: 2.8178, loss_d: 0.1959, real_score: 0.8939,
fake_score: 0.0695
Saving generated-images-0389.png

```
{"model_id": "083b538e2bba44828ac9cc14d434a31e", "version_major": 2, "version_minor": 0}
```

Epoch [390/500], loss_g: 2.7284, loss_d: 0.1708, real_score: 0.8892,
fake_score: 0.0450
Saving generated-images-0390.png

```
{"model_id": "2198465beb4e4e3ab9bdc2c986f010f1", "version_major": 2, "version_minor": 0}
```

Epoch [391/500], loss_g: 4.1535, loss_d: 0.1107, real_score: 0.9219,
fake_score: 0.0257
Saving generated-images-0391.png

```
{"model_id": "c2c5629986eb4dab93aa7be287a62062", "version_major": 2, "version_minor": 0}
```

Epoch [392/500], loss_g: 2.2755, loss_d: 0.2052, real_score: 0.8742,
fake_score: 0.0612
Saving generated-images-0392.png

```
{"model_id": "d44f44bcc8a8457c9231bf61c2103bd1", "version_major": 2, "version_minor": 0}
```

Epoch [393/500], loss_g: 4.8905, loss_d: 0.1794, real_score: 0.9508, fake_score: 0.1139

Saving generated-images-0393.png

```
{"model_id": "032f6112b2af493590952b82cb279fac", "version_major": 2, "version_minor": 0}
```

Epoch [394/500], loss_g: 2.8635, loss_d: 0.1375, real_score: 0.9076, fake_score: 0.0362

Saving generated-images-0394.png

```
{"model_id": "21ffbd00e5264dc3a4cc85aace2338be", "version_major": 2, "version_minor": 0}
```

Epoch [395/500], loss_g: 3.9794, loss_d: 0.1056, real_score: 0.9197, fake_score: 0.0181

Saving generated-images-0395.png

```
{"model_id": "bc4393f0a62c465c86f76e6a0052d115", "version_major": 2, "version_minor": 0}
```

Epoch [396/500], loss_g: 3.1294, loss_d: 0.1332, real_score: 0.9308, fake_score: 0.0562

Saving generated-images-0396.png

```
{"model_id": "5ac20bec80a941d2bd5d9a3a16499420", "version_major": 2, "version_minor": 0}
```

Epoch [397/500], loss_g: 4.4100, loss_d: 0.1061, real_score: 0.9810, fake_score: 0.0805

Saving generated-images-0397.png

```
{"model_id": "740a22fa43db4db7b73ee31cc39530cc", "version_major": 2, "version_minor": 0}
```

Epoch [398/500], loss_g: 4.1565, loss_d: 0.0840, real_score: 0.9757, fake_score: 0.0554

Saving generated-images-0398.png

```
{"model_id": "a28178a1a58e4dc1b2dbb384064df616", "version_major": 2, "version_minor": 0}
```

Epoch [399/500], loss_g: 3.1966, loss_d: 0.1082, real_score: 0.9232,

fake_score: 0.0245
Saving generated-images-0399.png

```
{"model_id": "771a2e19e26745dfaeabf5675dc63264", "version_major": 2, "version_minor": 0}
```

Epoch [400/500], loss_g: 2.2328, loss_d: 0.1993, real_score: 0.8490,
fake_score: 0.0229
Saving generated-images-0400.png

```
{"model_id": "eaf52febe4d641fd92ca8c769d71eb5c", "version_major": 2, "version_minor": 0}
```

Epoch [401/500], loss_g: 2.2826, loss_d: 0.3082, real_score: 0.7901,
fake_score: 0.0442
Saving generated-images-0401.png

```
{"model_id": "5d0e7a48703247409203b6aca22c11f7", "version_major": 2, "version_minor": 0}
```

Epoch [402/500], loss_g: 4.1987, loss_d: 0.1200, real_score: 0.9279,
fake_score: 0.0413
Saving generated-images-0402.png

```
{"model_id": "1b94cb554c0946578b8cdab720c60e37", "version_major": 2, "version_minor": 0}
```

Epoch [403/500], loss_g: 3.9364, loss_d: 0.1042, real_score: 0.9349,
fake_score: 0.0331
Saving generated-images-0403.png

```
{"model_id": "b4ff9e63862f4a81b9664472a838132d", "version_major": 2, "version_minor": 0}
```

Epoch [404/500], loss_g: 3.4927, loss_d: 0.0936, real_score: 0.9581,
fake_score: 0.0481
Saving generated-images-0404.png

```
{"model_id": "a42d1c5d6d304897b7c6222994ea6fdb", "version_major": 2, "version_minor": 0}
```

Epoch [405/500], loss_g: 3.1589, loss_d: 0.1330, real_score: 0.9140,
fake_score: 0.0372
Saving generated-images-0405.png

```
{"model_id": "c342ca9a7fe6427e87afab574b0b6013", "version_major": 2, "version_minor": 0}
```


Epoch [406/500], loss_g: 3.3030, loss_d: 0.2116, real_score: 0.8265,
fake_score: 0.0070

Saving generated-images-0406.png

```
{"model_id": "2a34c2b00fbe4f40a337641db3bc8691", "version_major": 2, "version_minor": 0}
```

Epoch [407/500], loss_g: 2.1765, loss_d: 0.1480, real_score: 0.8894,
fake_score: 0.0230

Saving generated-images-0407.png

```
{"model_id": "6a1ba0c50f4646d2807cd1f5d2c12528", "version_major": 2, "version_minor": 0}
```

Epoch [408/500], loss_g: 1.3196, loss_d: 0.3053, real_score: 0.8021,
fake_score: 0.0258

Saving generated-images-0408.png

```
{"model_id": "a4ddf193a5ab41e982f2ef10c019c635", "version_major": 2, "version_minor": 0}
```

Epoch [409/500], loss_g: 4.5411, loss_d: 0.0798, real_score: 0.9553,
fake_score: 0.0317

Saving generated-images-0409.png

```
{"model_id": "03f2f883de754f869c6fe21d29b9e845", "version_major": 2, "version_minor": 0}
```

Epoch [410/500], loss_g: 3.6725, loss_d: 0.1172, real_score: 0.9313,
fake_score: 0.0422

Saving generated-images-0410.png

```
{"model_id": "f91db5250a364b83918836fc9f98cbb2", "version_major": 2, "version_minor": 0}
```

Epoch [411/500], loss_g: 3.7281, loss_d: 0.1509, real_score: 0.9321,
fake_score: 0.0734

Saving generated-images-0411.png

```
{"model_id": "00d960a91175471ebd6ee0a5be7cfcb2", "version_major": 2, "version_minor": 0}
```

Epoch [412/500], loss_g: 4.7062, loss_d: 0.0777, real_score: 0.9657,
fake_score: 0.0406

Saving generated-images-0412.png

```
{"model_id": "e5e3ba5477a04206a3cefe63eca7fe36", "version_major": 2, "version_minor": 0}
```

Epoch [413/500], loss_g: 3.2199, loss_d: 0.2694, real_score: 0.7821, fake_score: 0.0026

Saving generated-images-0413.png

```
{"model_id": "9ce2cd286e1b470faf431263c1732352", "version_major": 2, "version_minor": 0}
```

Epoch [414/500], loss_g: 4.0791, loss_d: 0.0970, real_score: 0.9786, fake_score: 0.0697

Saving generated-images-0414.png

```
{"model_id": "38e2f068a519417aadfabbf878392f374", "version_major": 2, "version_minor": 0}
```

Epoch [415/500], loss_g: 3.6441, loss_d: 0.1092, real_score: 0.9432, fake_score: 0.0474

Saving generated-images-0415.png

```
{"model_id": "8a2d48eaa8ef4f16b4574b92605af5e3", "version_major": 2, "version_minor": 0}
```

Epoch [416/500], loss_g: 2.5900, loss_d: 0.1563, real_score: 0.8738, fake_score: 0.0139

Saving generated-images-0416.png

```
{"model_id": "0381a92220a243e5930f2002bd793c5d", "version_major": 2, "version_minor": 0}
```

Epoch [417/500], loss_g: 3.9319, loss_d: 0.1018, real_score: 0.9243, fake_score: 0.0189

Saving generated-images-0417.png

```
{"model_id": "528d6dc37d2b4762afe2a5ff69aace30", "version_major": 2, "version_minor": 0}
```

Epoch [418/500], loss_g: 4.9143, loss_d: 0.0942, real_score: 0.9339, fake_score: 0.0231

Saving generated-images-0418.png

```
{"model_id": "7ae3d8be2f654e469c3f3497e97797e8", "version_major": 2, "version_minor": 0}
```

Epoch [419/500], loss_g: 4.5788, loss_d: 0.0796, real_score: 0.9535,

fake_score: 0.0299

Saving generated-images-0419.png

```
{"model_id": "7c3572f948fe4648aec44280314aee88", "version_major": 2, "version_minor": 0}
```

Epoch [420/500], loss_g: 2.9661, loss_d: 0.1334, real_score: 0.9094, fake_score: 0.0339

Saving generated-images-0420.png

```
{"model_id": "77bd63decc894e11b90091e1f4f760bb", "version_major": 2, "version_minor": 0}
```

Epoch [421/500], loss_g: 4.2356, loss_d: 0.1140, real_score: 0.9302, fake_score: 0.0363

Saving generated-images-0421.png

```
{"model_id": "afcb5f2dcca649d9bef22f3ac4817131", "version_major": 2, "version_minor": 0}
```

Epoch [422/500], loss_g: 2.8225, loss_d: 0.1081, real_score: 0.9252, fake_score: 0.0256

Saving generated-images-0422.png

```
{"model_id": "a089fb75f82848a69be88eb3da2357c0", "version_major": 2, "version_minor": 0}
```

Epoch [423/500], loss_g: 3.9800, loss_d: 0.1719, real_score: 0.9498, fake_score: 0.1065

Saving generated-images-0423.png

```
{"model_id": "100775c54c694f948405f794cbccf18c", "version_major": 2, "version_minor": 0}
```

Epoch [424/500], loss_g: 0.0286, loss_d: 0.7189, real_score: 0.5385, fake_score: 0.0135

Saving generated-images-0424.png

```
{"model_id": "a787fab5c5104db0aa79dfe41dec2455", "version_major": 2, "version_minor": 0}
```

Epoch [425/500], loss_g: 4.3475, loss_d: 0.2356, real_score: 0.9268, fake_score: 0.1395

Saving generated-images-0425.png

```
{"model_id": "a1cfa4dc0eed4d70b8972cf98c7dbd86", "version_major": 2, "version_minor": 0}
```

Epoch [426/500], loss_g: 3.3697, loss_d: 0.2288, real_score: 0.8877,
fake_score: 0.0977

Saving generated-images-0426.png

```
{"model_id": "9288cc16718f418d82db18180a54584b", "version_major": 2, "version_minor": 0}
```

Epoch [427/500], loss_g: 2.2833, loss_d: 0.3028, real_score: 0.7554,
fake_score: 0.0066

Saving generated-images-0427.png

```
{"model_id": "a1dec7231fcd41d9b89b6730a69f5374", "version_major": 2, "version_minor": 0}
```

Epoch [428/500], loss_g: 2.5480, loss_d: 0.2346, real_score: 0.8443,
fake_score: 0.0503

Saving generated-images-0428.png

```
{"model_id": "a02634d1b4ac4d67b28b2d1d7960d0ac", "version_major": 2, "version_minor": 0}
```

Epoch [429/500], loss_g: 2.1615, loss_d: 0.1749, real_score: 0.8847,
fake_score: 0.0451

Saving generated-images-0429.png

```
{"model_id": "ed56c0b89f8d49368bea96ff0459a049", "version_major": 2, "version_minor": 0}
```

Epoch [430/500], loss_g: 3.3977, loss_d: 0.1739, real_score: 0.8877,
fake_score: 0.0498

Saving generated-images-0430.png

```
{"model_id": "fc608fde3eb44003be6f83d6974ed2a3", "version_major": 2, "version_minor": 0}
```

Epoch [431/500], loss_g: 2.7288, loss_d: 0.1313, real_score: 0.9391,
fake_score: 0.0624

Saving generated-images-0431.png

```
{"model_id": "ae6898a55e3b4b3e9228a6e0e5eb6adf", "version_major": 2, "version_minor": 0}
```

Epoch [432/500], loss_g: 3.8645, loss_d: 0.0768, real_score: 0.9692,
fake_score: 0.0424

Saving generated-images-0432.png

```
{"model_id": "d48d01a7a7024f03ae4e3b0abaca9f57", "version_major": 2, "version_minor": 0}
```

Epoch [433/500], loss_g: 2.3166, loss_d: 0.1523, real_score: 0.8812, fake_score: 0.0220

Saving generated-images-0433.png

```
{"model_id": "40ced8aa351b433da22e937e43a4f3af", "version_major": 2, "version_minor": 0}
```

Epoch [434/500], loss_g: 3.5413, loss_d: 0.2537, real_score: 0.8618, fake_score: 0.0894

Saving generated-images-0434.png

```
{"model_id": "2b1ff46dbd2a4404bffcfc3c991e16c2e", "version_major": 2, "version_minor": 0}
```

Epoch [435/500], loss_g: 2.6493, loss_d: 0.2210, real_score: 0.8845, fake_score: 0.0868

Saving generated-images-0435.png

```
{"model_id": "a0a82623da9844a9b4a2c3843655cc01", "version_major": 2, "version_minor": 0}
```

Epoch [436/500], loss_g: 3.4786, loss_d: 0.1530, real_score: 0.9011, fake_score: 0.0429

Saving generated-images-0436.png

```
{"model_id": "fcafb0412f14bd39f68acfd9b19710f", "version_major": 2, "version_minor": 0}
```

Epoch [437/500], loss_g: 2.9116, loss_d: 0.1063, real_score: 0.9196, fake_score: 0.0180

Saving generated-images-0437.png

```
{"model_id": "06f8add9d9914d40b37ffb836e498ead", "version_major": 2, "version_minor": 0}
```

Epoch [438/500], loss_g: 3.1737, loss_d: 0.1036, real_score: 0.9229, fake_score: 0.0181

Saving generated-images-0438.png

```
{"model_id": "ee414c9ead35460497a3f914214599f8", "version_major": 2, "version_minor": 0}
```

Epoch [439/500], loss_g: 1.6773, loss_d: 0.3352, real_score: 0.8017,

fake_score: 0.0447
Saving generated-images-0439.png

```
{"model_id": "18973298a9504637bb090f45c3869ec5", "version_major": 2, "version_minor": 0}
```

Epoch [440/500], loss_g: 3.1424, loss_d: 0.2322, real_score: 0.8719,
fake_score: 0.0758
Saving generated-images-0440.png

```
{"model_id": "e409e63e8a29414baecbed83c9e748b2", "version_major": 2, "version_minor": 0}
```

Epoch [441/500], loss_g: 3.6678, loss_d: 0.0949, real_score: 0.9596,
fake_score: 0.0503
Saving generated-images-0441.png

```
{"model_id": "9b351d5f38734dc3af49b3726a04f658", "version_major": 2, "version_minor": 0}
```

Epoch [442/500], loss_g: 5.0261, loss_d: 0.1466, real_score: 0.9945,
fake_score: 0.1209
Saving generated-images-0442.png

```
{"model_id": "be8a0e57db234a30b9f92243f4a9275a", "version_major": 2, "version_minor": 0}
```

Epoch [443/500], loss_g: 4.1709, loss_d: 0.0783, real_score: 0.9625,
fake_score: 0.0369
Saving generated-images-0443.png

```
{"model_id": "a223530ce3bf4d3a9e1a145712cb62b7", "version_major": 2, "version_minor": 0}
```

Epoch [444/500], loss_g: 4.3933, loss_d: 0.0790, real_score: 0.9861,
fake_score: 0.0597
Saving generated-images-0444.png

```
{"model_id": "79807c8b79bf4a0aac1e678b5d94d099", "version_major": 2, "version_minor": 0}
```

Epoch [445/500], loss_g: 3.3027, loss_d: 0.1201, real_score: 0.9376,
fake_score: 0.0518
Saving generated-images-0445.png

```
{"model_id": "d5619cce51dc42cdae3be7115770fa65", "version_major": 2, "version_minor": 0}
```

Epoch [446/500], loss_g: 4.5165, loss_d: 0.1071, real_score: 0.9619,
fake_score: 0.0638

Saving generated-images-0446.png

```
{"model_id": "9ecdee98d2484efc949fb3f7e2e3e34a", "version_major": 2, "version_minor": 0}
```

Epoch [447/500], loss_g: 4.9565, loss_d: 0.0688, real_score: 0.9720,
fake_score: 0.0384

Saving generated-images-0447.png

```
{"model_id": "0b82a384e3894597805903efe7bde728", "version_major": 2, "version_minor": 0}
```

Epoch [448/500], loss_g: 3.8307, loss_d: 0.1120, real_score: 0.9627,
fake_score: 0.0680

Saving generated-images-0448.png

```
{"model_id": "5a760b5e640c43709c23cc09c7d2d4a4", "version_major": 2, "version_minor": 0}
```

Epoch [449/500], loss_g: 3.3772, loss_d: 0.1147, real_score: 0.9058,
fake_score: 0.0110

Saving generated-images-0449.png

```
{"model_id": "66c7e2f2f17f4750bead2bfaa8e1c338", "version_major": 2, "version_minor": 0}
```

Epoch [450/500], loss_g: 4.1039, loss_d: 0.0743, real_score: 0.9697,
fake_score: 0.0412

Saving generated-images-0450.png

```
{"model_id": "83bed3dc354c4653992a3a43b1626ee5", "version_major": 2, "version_minor": 0}
```

Epoch [451/500], loss_g: 4.7400, loss_d: 0.0573, real_score: 0.9883,
fake_score: 0.0435

Saving generated-images-0451.png

```
{"model_id": "0c6ca73f87e84671adf9827ea90b8cf2", "version_major": 2, "version_minor": 0}
```

Epoch [452/500], loss_g: 4.9971, loss_d: 0.0579, real_score: 0.9682,
fake_score: 0.0242

Saving generated-images-0452.png


```
{"model_id": "05022f898ad8453cb42b681b7bd74323", "version_major": 2, "version_minor": 0}
```

Epoch [453/500], loss_g: 2.2847, loss_d: 0.1420, real_score: 0.8989, fake_score: 0.0293

Saving generated-images-0453.png

```
{"model_id": "44cf2ab98ac9438d90ea41acb22f9fe7", "version_major": 2, "version_minor": 0}
```

Epoch [454/500], loss_g: 4.1275, loss_d: 0.0651, real_score: 0.9688, fake_score: 0.0307

Saving generated-images-0454.png

```
{"model_id": "a850717b780d4b5d8b2094f526ec690a", "version_major": 2, "version_minor": 0}
```

Epoch [455/500], loss_g: 1.8174, loss_d: 0.1795, real_score: 0.8593, fake_score: 0.0205

Saving generated-images-0455.png

```
{"model_id": "d7b25527e3bc428f9cb9f0c51d0ec870", "version_major": 2, "version_minor": 0}
```

Epoch [456/500], loss_g: 2.3409, loss_d: 0.3204, real_score: 0.7892, fake_score: 0.0567

Saving generated-images-0456.png

```
{"model_id": "77f32266a7a8448cbe342777ff1aa600", "version_major": 2, "version_minor": 0}
```

Epoch [457/500], loss_g: 3.1662, loss_d: 0.1954, real_score: 0.8908, fake_score: 0.0682

Saving generated-images-0457.png

```
{"model_id": "0ed3e4a14cbf4281aac1abd7ca6f3eef", "version_major": 2, "version_minor": 0}
```

Epoch [458/500], loss_g: 2.9682, loss_d: 0.1470, real_score: 0.9168, fake_score: 0.0535

Saving generated-images-0458.png

```
{"model_id": "7bd07aa18873474187dd4f7f6ceda489", "version_major": 2, "version_minor": 0}
```

Epoch [459/500], loss_g: 3.3466, loss_d: 0.1504, real_score: 0.8950,

fake_score: 0.0338
Saving generated-images-0459.png

```
{"model_id": "56c50002b9024dd7bd378228be985197", "version_major": 2, "version_minor": 0}
```

Epoch [460/500], loss_g: 4.8831, loss_d: 0.0758, real_score: 0.9744,
fake_score: 0.0477
Saving generated-images-0460.png

```
{"model_id": "cbb62ebdab294444b48fdbb41ba923b5", "version_major": 2, "version_minor": 0}
```

Epoch [461/500], loss_g: 5.7008, loss_d: 0.2132, real_score: 0.9915,
fake_score: 0.1696
Saving generated-images-0461.png

```
{"model_id": "16c392d8e1ac4b9c8a97c3b173167d98", "version_major": 2, "version_minor": 0}
```

Epoch [462/500], loss_g: 4.2681, loss_d: 0.0912, real_score: 0.9699,
fake_score: 0.0569
Saving generated-images-0462.png

```
{"model_id": "1f9604503bf84452aeb3ebc031265b19", "version_major": 2, "version_minor": 0}
```

Epoch [463/500], loss_g: 4.1132, loss_d: 0.0707, real_score: 0.9530,
fake_score: 0.0215
Saving generated-images-0463.png

```
{"model_id": "89cc4f6752044218ae79ef37993b54e4", "version_major": 2, "version_minor": 0}
```

Epoch [464/500], loss_g: 2.3052, loss_d: 0.1237, real_score: 0.9206,
fake_score: 0.0383
Saving generated-images-0464.png

```
{"model_id": "e224948c923f4a87825af9787d4d4726", "version_major": 2, "version_minor": 0}
```

Epoch [465/500], loss_g: 4.0931, loss_d: 0.1979, real_score: 0.8518,
fake_score: 0.0246
Saving generated-images-0465.png

```
{"model_id": "22326686b2724e63b0c6454de778b43f", "version_major": 2, "version_minor": 0}
```

Epoch [466/500], loss_g: 4.2642, loss_d: 0.0777, real_score: 0.9623,
fake_score: 0.0375

Saving generated-images-0466.png

```
{"model_id": "1338471342f949db8e94b5d9cfbe6113", "version_major": 2, "version_minor": 0}
```

Epoch [467/500], loss_g: 5.4710, loss_d: 0.1818, real_score: 0.9839,
fake_score: 0.1423

Saving generated-images-0467.png

```
{"model_id": "f98f4151747a411abc39c209fb2f6c54", "version_major": 2, "version_minor": 0}
```

Epoch [468/500], loss_g: 7.5778, loss_d: 0.2437, real_score: 0.9931,
fake_score: 0.1991

Saving generated-images-0468.png

```
{"model_id": "c818128c88c54bac9cb49c443402b056", "version_major": 2, "version_minor": 0}
```

Epoch [469/500], loss_g: 3.5279, loss_d: 0.0667, real_score: 0.9720,
fake_score: 0.0367

Saving generated-images-0469.png

```
{"model_id": "09c730829cc043fd8d6d4371d9bfbac6", "version_major": 2, "version_minor": 0}
```

Epoch [470/500], loss_g: 3.6227, loss_d: 0.0782, real_score: 0.9594,
fake_score: 0.0347

Saving generated-images-0470.png

```
{"model_id": "d1aae5e1c2a2458f82e130e18ec11e52", "version_major": 2, "version_minor": 0}
```

Epoch [471/500], loss_g: 2.3880, loss_d: 0.1540, real_score: 0.8929,
fake_score: 0.0329

Saving generated-images-0471.png

```
{"model_id": "94e1b415ab2f49939d50933231c93d5c", "version_major": 2, "version_minor": 0}
```

Epoch [472/500], loss_g: 4.1272, loss_d: 0.1412, real_score: 0.9245,
fake_score: 0.0564

Saving generated-images-0472.png

```
{"model_id": "37db44dc04a548138e47e3abf15a9985", "version_major": 2, "version_minor": 0}
```

Epoch [473/500], loss_g: 3.1369, loss_d: 0.1295, real_score: 0.9256, fake_score: 0.0421

Saving generated-images-0473.png

```
{"model_id": "052fd762e843483fbbbedee3ed74bf9a2", "version_major": 2, "version_minor": 0}
```

Epoch [474/500], loss_g: 3.5691, loss_d: 0.1067, real_score: 0.9317, fake_score: 0.0326

Saving generated-images-0474.png

```
{"model_id": "e3e5c51f2eb64699bc2da89b80c1be86", "version_major": 2, "version_minor": 0}
```

Epoch [475/500], loss_g: 4.8055, loss_d: 0.0687, real_score: 0.9698, fake_score: 0.0357

Saving generated-images-0475.png

```
{"model_id": "6b994f18a29c46c38658cbdeb3ec259c", "version_major": 2, "version_minor": 0}
```

Epoch [476/500], loss_g: 3.2083, loss_d: 0.1200, real_score: 0.9175, fake_score: 0.0281

Saving generated-images-0476.png

```
{"model_id": "9ee10092eee24b768fab85de4082930c", "version_major": 2, "version_minor": 0}
```

Epoch [477/500], loss_g: 4.0551, loss_d: 0.1073, real_score: 0.9117, fake_score: 0.0132

Saving generated-images-0477.png

```
{"model_id": "6877344947ab426083281c0b8b0a7d3d", "version_major": 2, "version_minor": 0}
```

Epoch [478/500], loss_g: 4.9874, loss_d: 0.0671, real_score: 0.9896, fake_score: 0.0538

Saving generated-images-0478.png

```
{"model_id": "a1e8ee159cfa488095b5d5a7c476608a", "version_major": 2, "version_minor": 0}
```

Epoch [479/500], loss_g: 3.6231, loss_d: 0.1008, real_score: 0.9239,

fake_score: 0.0183
Saving generated-images-0479.png

```
{"model_id": "6efe4b7a2f564f5788bc0ae190164451", "version_major": 2, "version_minor": 0}
```

Epoch [480/500], loss_g: 3.0326, loss_d: 0.1265, real_score: 0.8996,
fake_score: 0.0156
Saving generated-images-0480.png

```
{"model_id": "1fe71d3df36a4400ba54a6f539caf25c", "version_major": 2, "version_minor": 0}
```

Epoch [481/500], loss_g: 2.8633, loss_d: 0.1488, real_score: 0.8840,
fake_score: 0.0169
Saving generated-images-0481.png

```
{"model_id": "31fb080a92724dc298e4974ae4a51851", "version_major": 2, "version_minor": 0}
```

Epoch [482/500], loss_g: 2.8535, loss_d: 0.2691, real_score: 0.8659,
fake_score: 0.1058
Saving generated-images-0482.png

```
{"model_id": "98affd82fef48639d8e5ed82e6912dc", "version_major": 2, "version_minor": 0}
```

Epoch [483/500], loss_g: 3.5753, loss_d: 0.1437, real_score: 0.9026,
fake_score: 0.0347
Saving generated-images-0483.png

```
{"model_id": "1af269573736492eacbd22cc58a09cd0", "version_major": 2, "version_minor": 0}
```

Epoch [484/500], loss_g: 3.8627, loss_d: 0.1233, real_score: 0.9232,
fake_score: 0.0348
Saving generated-images-0484.png

```
{"model_id": "a824e987164848bf95c9aaf9377f83f6", "version_major": 2, "version_minor": 0}
```

Epoch [485/500], loss_g: 4.3515, loss_d: 0.1278, real_score: 0.9684,
fake_score: 0.0866
Saving generated-images-0485.png

```
{"model_id": "97462805431f443e863d398f40728a86", "version_major": 2, "version_minor": 0}
```

Epoch [486/500], loss_g: 0.4189, loss_d: 0.4396, real_score: 0.6865,
fake_score: 0.0131
Saving generated-images-0486.png

```
{"model_id": "37f8d01036d548fda97905d71c72f166", "version_major": 2, "version_minor": 0}
```

Epoch [487/500], loss_g: 3.5321, loss_d: 0.1341, real_score: 0.9275,
fake_score: 0.0511
Saving generated-images-0487.png

```
{"model_id": "562d4a8747fc433792cc0e0ec3964b11", "version_major": 2, "version_minor": 0}
```

Epoch [488/500], loss_g: 5.6200, loss_d: 0.1117, real_score: 0.9160,
fake_score: 0.0189
Saving generated-images-0488.png

```
{"model_id": "1e56da6f02fd43a4b954f83253763bb1", "version_major": 2, "version_minor": 0}
```

Epoch [489/500], loss_g: 4.4285, loss_d: 0.1406, real_score: 0.9358,
fake_score: 0.0556
Saving generated-images-0489.png

```
{"model_id": "420b294d8eb44f64b866ec737c61e4b9", "version_major": 2, "version_minor": 0}
```

Epoch [490/500], loss_g: 3.1849, loss_d: 0.1422, real_score: 0.8883,
fake_score: 0.0195
Saving generated-images-0490.png

```
{"model_id": "23d8416e57514d10ac3abe1edc2c8ad2", "version_major": 2, "version_minor": 0}
```

Epoch [491/500], loss_g: 4.3958, loss_d: 0.0793, real_score: 0.9727,
fake_score: 0.0487
Saving generated-images-0491.png

```
{"model_id": "1cdb48d587084cabad557399b0207334", "version_major": 2, "version_minor": 0}
```

Epoch [492/500], loss_g: 3.7642, loss_d: 0.0809, real_score: 0.9453,
fake_score: 0.0225
Saving generated-images-0492.png

```
{"model_id": "a3de302188544789b97f125411b219ef", "version_major": 2, "version_minor": 0}
```

Epoch [493/500], loss_g: 3.4973, loss_d: 0.0611, real_score: 0.9710, fake_score: 0.0304

Saving generated-images-0493.png

```
{"model_id": "c0a32d0a88564016a1846fe7a3c9a81a", "version_major": 2, "version_minor": 0}
```

Epoch [494/500], loss_g: 4.3228, loss_d: 0.0797, real_score: 0.9625, fake_score: 0.0386

Saving generated-images-0494.png

```
{"model_id": "8908c75686d14d3b8522dcc3e3fb2b70", "version_major": 2, "version_minor": 0}
```

Epoch [495/500], loss_g: 3.0139, loss_d: 0.1441, real_score: 0.9041, fake_score: 0.0337

Saving generated-images-0495.png

```
{"model_id": "bdd3e84c9d164780b0d3490c286bdf52", "version_major": 2, "version_minor": 0}
```

Epoch [496/500], loss_g: 3.7364, loss_d: 0.0455, real_score: 0.9767, fake_score: 0.0213

Saving generated-images-0496.png

```
{"model_id": "c9987035a7944e7e8f3ab1e7b7e829b3", "version_major": 2, "version_minor": 0}
```

Epoch [497/500], loss_g: 5.9260, loss_d: 0.1779, real_score: 0.9930, fake_score: 0.1475

Saving generated-images-0497.png

```
{"model_id": "cf80910606e946b4945283835ae569c", "version_major": 2, "version_minor": 0}
```

Epoch [498/500], loss_g: 4.2561, loss_d: 0.1207, real_score: 0.9258, fake_score: 0.0370

Saving generated-images-0498.png

```
{"model_id": "07bdde3757bf41a7961566b8aa857558", "version_major": 2, "version_minor": 0}
```

Epoch [499/500], loss_g: 3.7688, loss_d: 0.0546, real_score: 0.9689,


```
fake_score: 0.0223
Saving generated-images-0499.png

{"model_id": "de151c331f044589849e36ed90cd44be", "version_major": 2, "version_minor": 0}

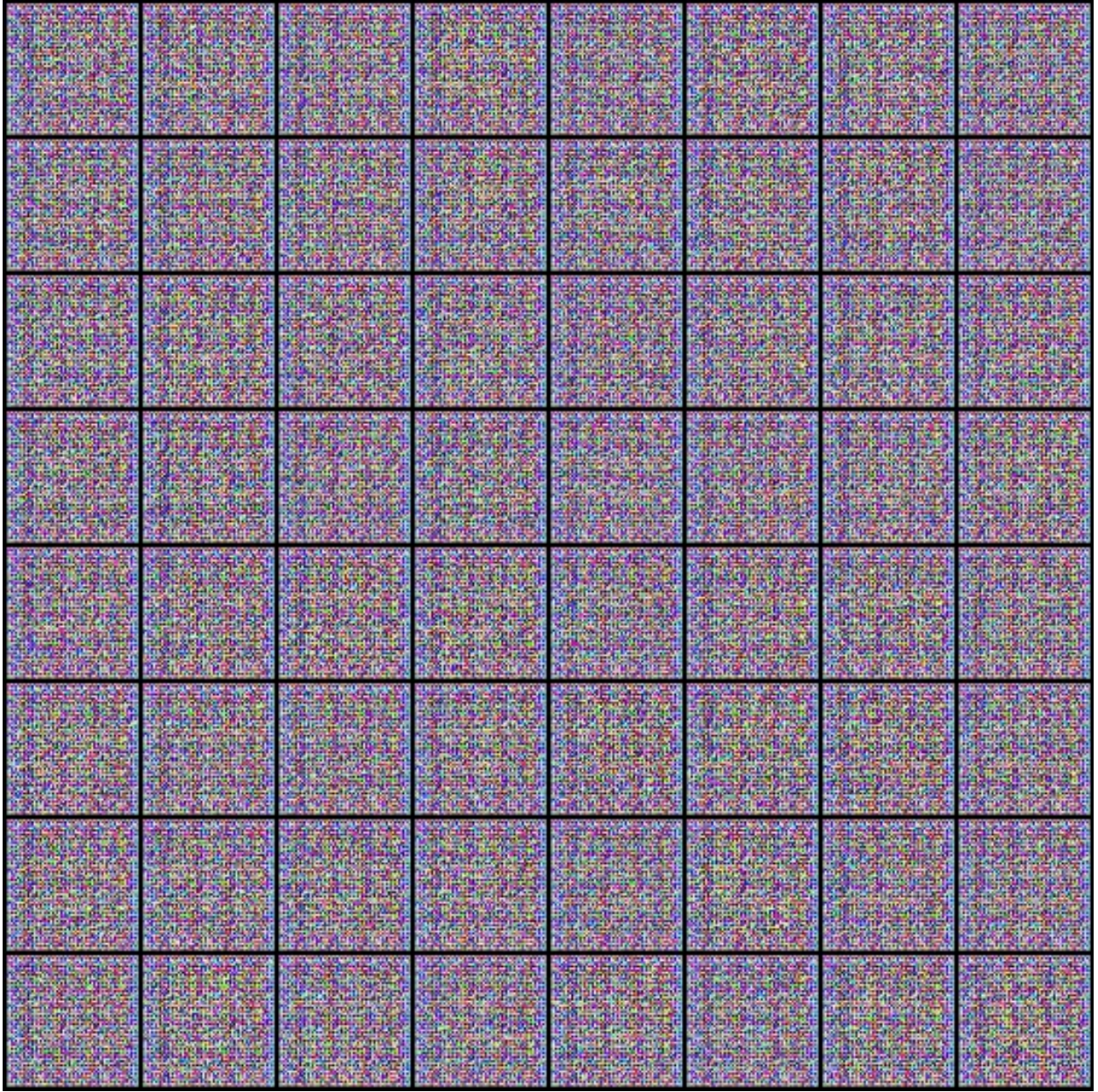
Epoch [500/500], loss_g: 5.0251, loss_d: 0.0602, real_score: 0.9632,
fake_score: 0.0213
Saving generated-images-0500.png

losses_g, losses_d, real_scores, fake_scores = history

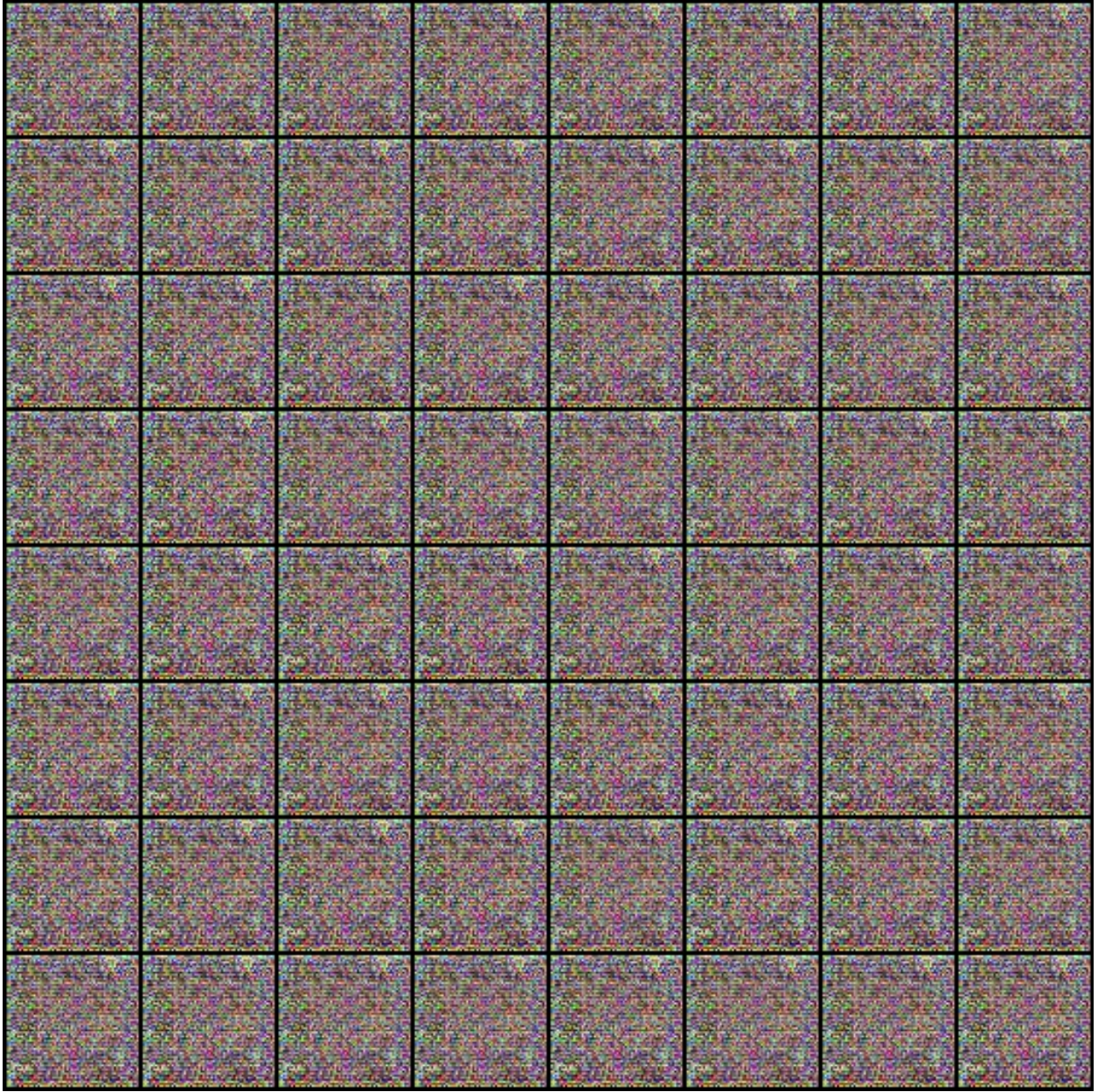
# Save the model checkpoints
torch.save(generator.state_dict(), 'G.pth')
torch.save(discriminator.state_dict(), 'D.pth')

from IPython.display import Image

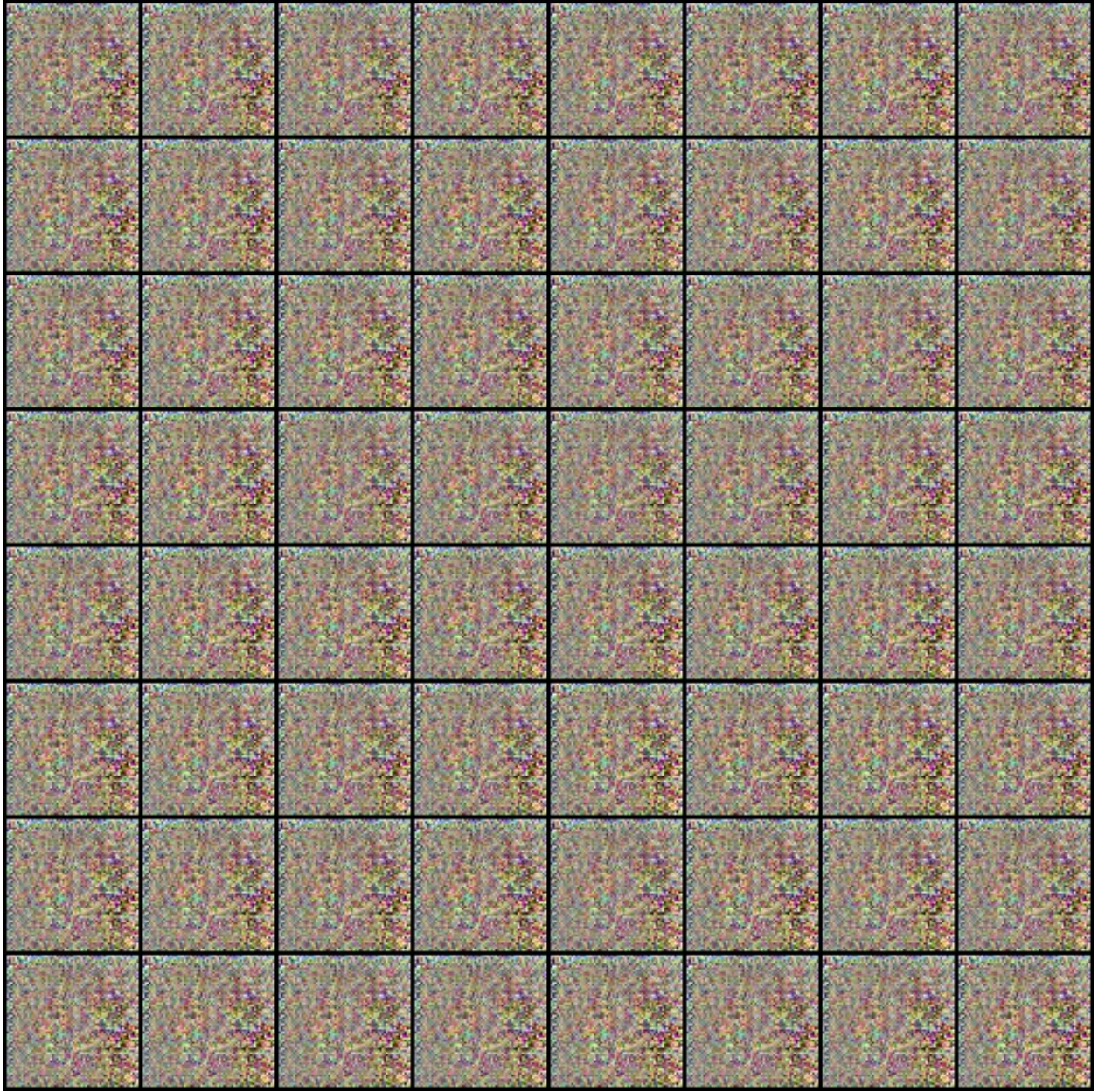
Image('./Photo2Cartoon_generated/generated-images-0001.png')
```



Image('./Photo2Cartoon_generated/generated-images-0050.png')



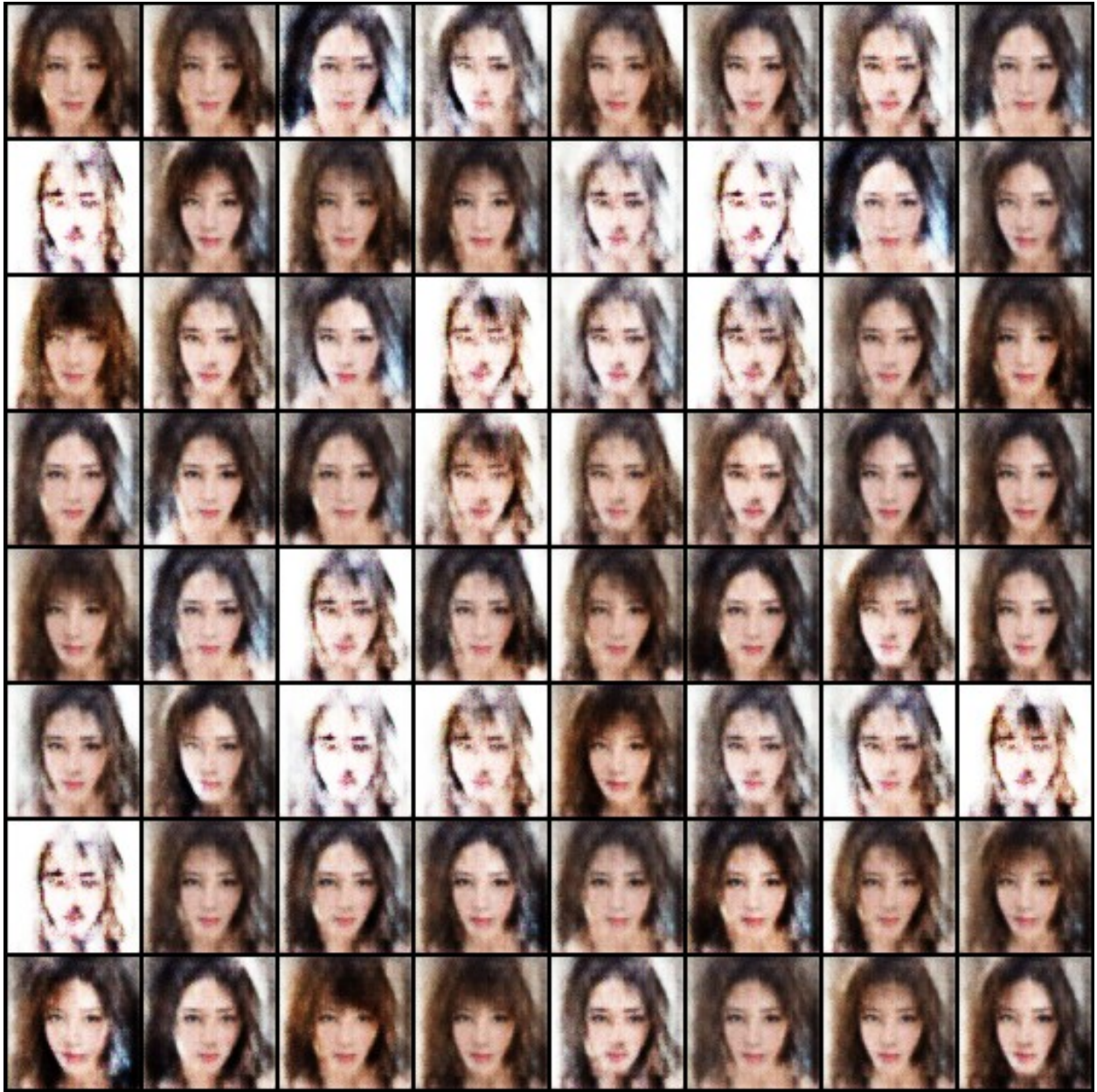
Image('./Photo2Cartoon_generated/generated-images-0100.png')



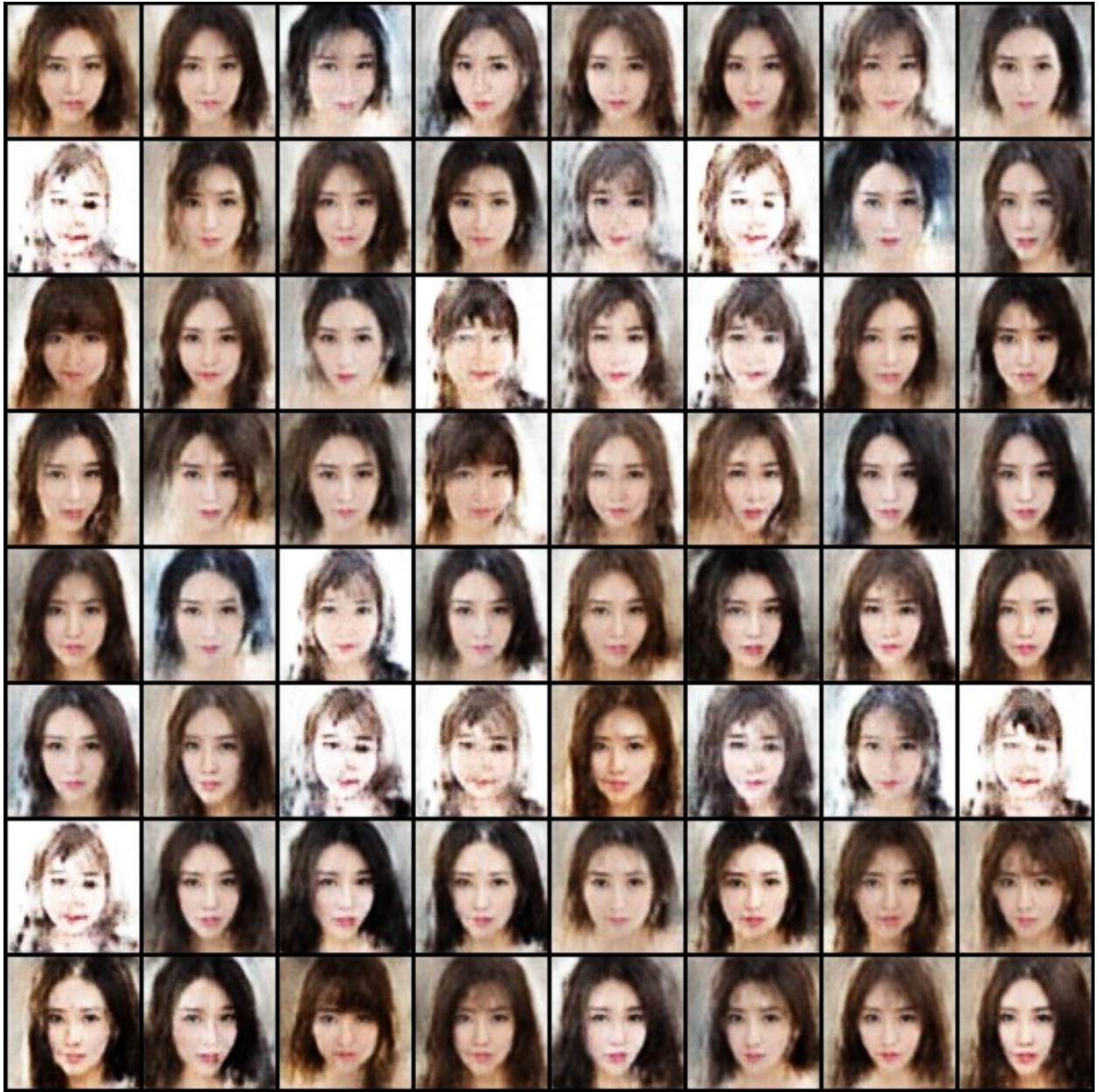
Image('./Photo2Cartoon_generated/generated-images-0150.png')



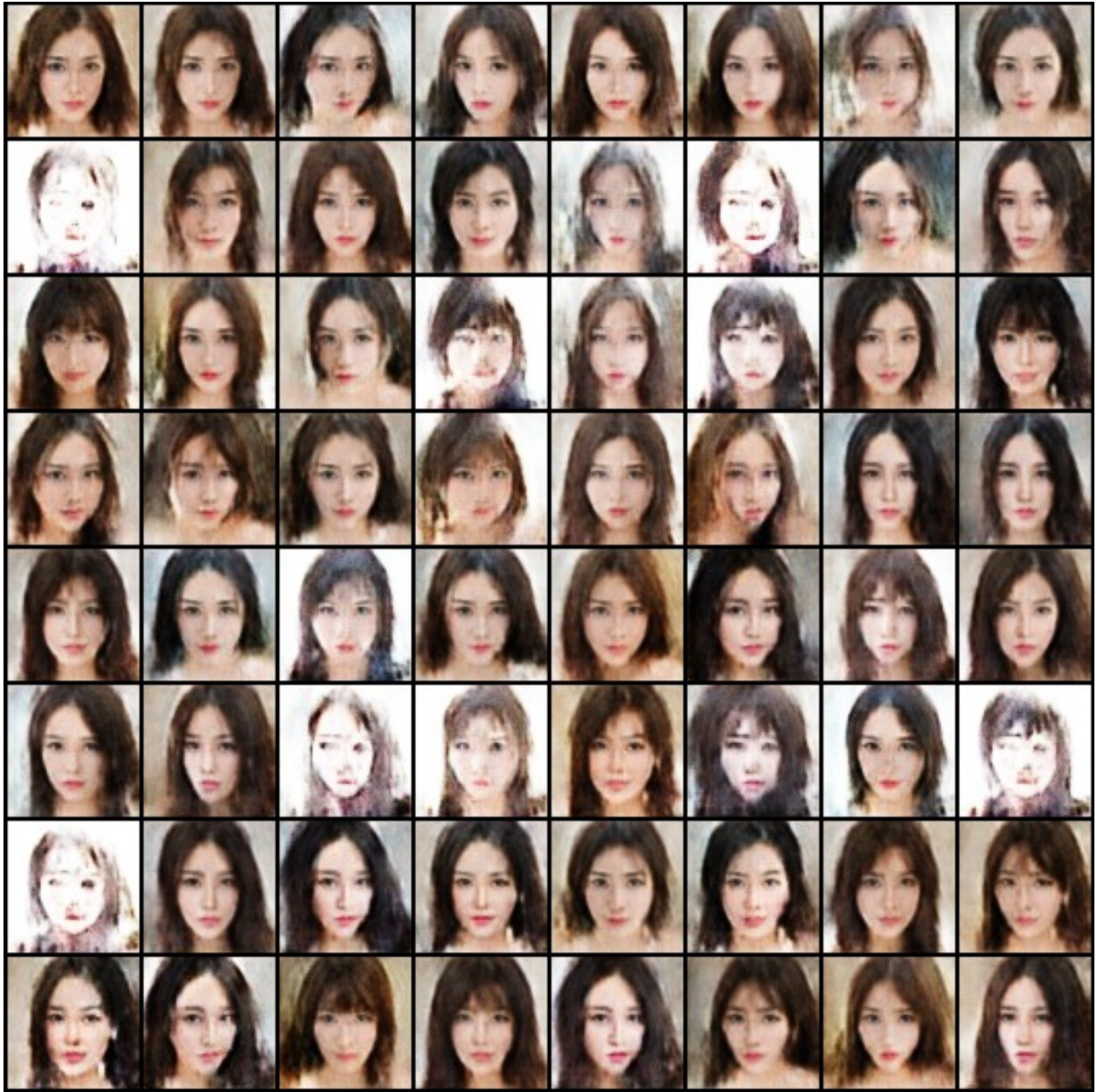
Image('./Photo2Cartoon_generated/generated-images-0200.png')



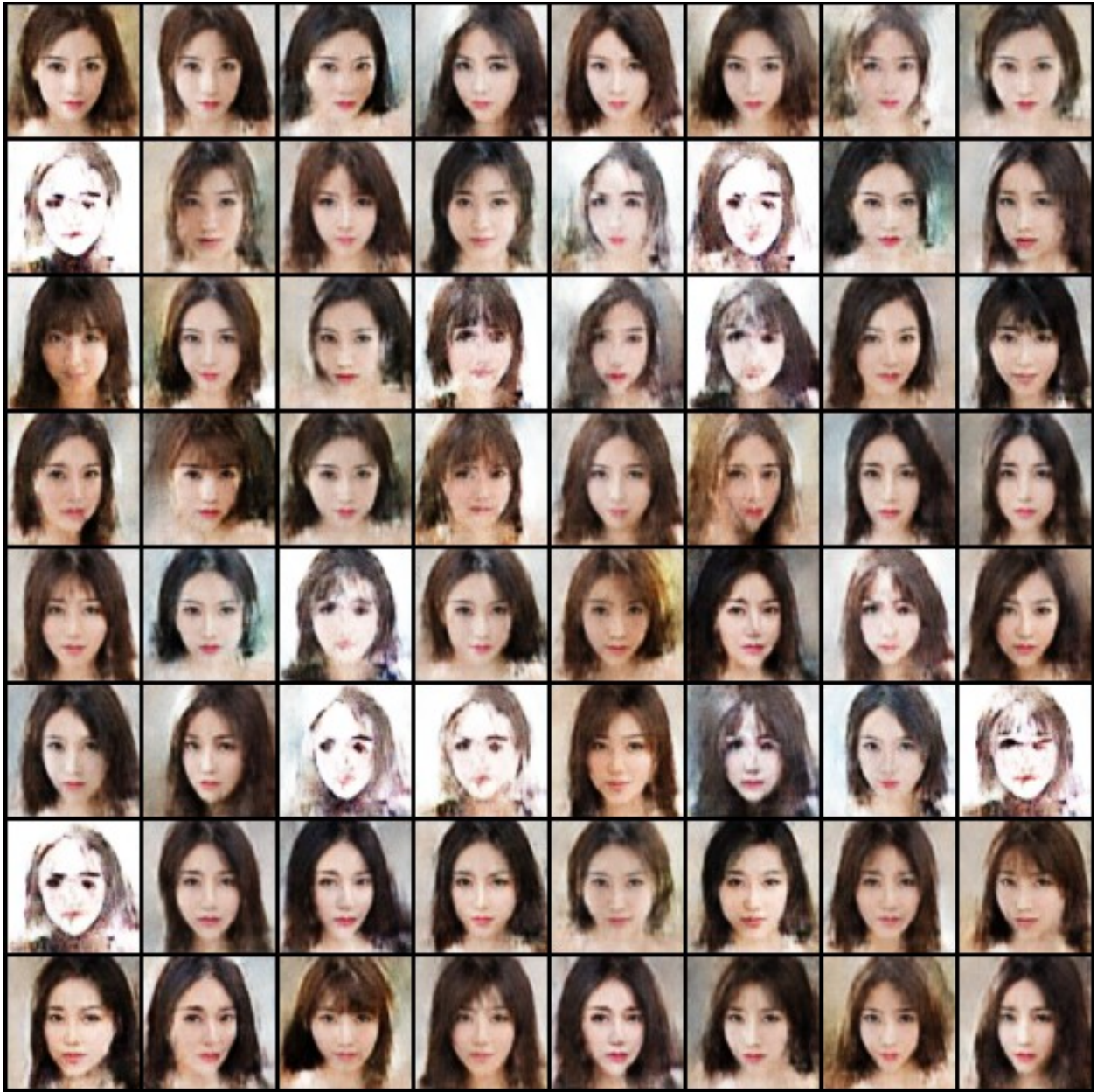
Image('./Photo2Cartoon_generated/generated-images-0250.png')



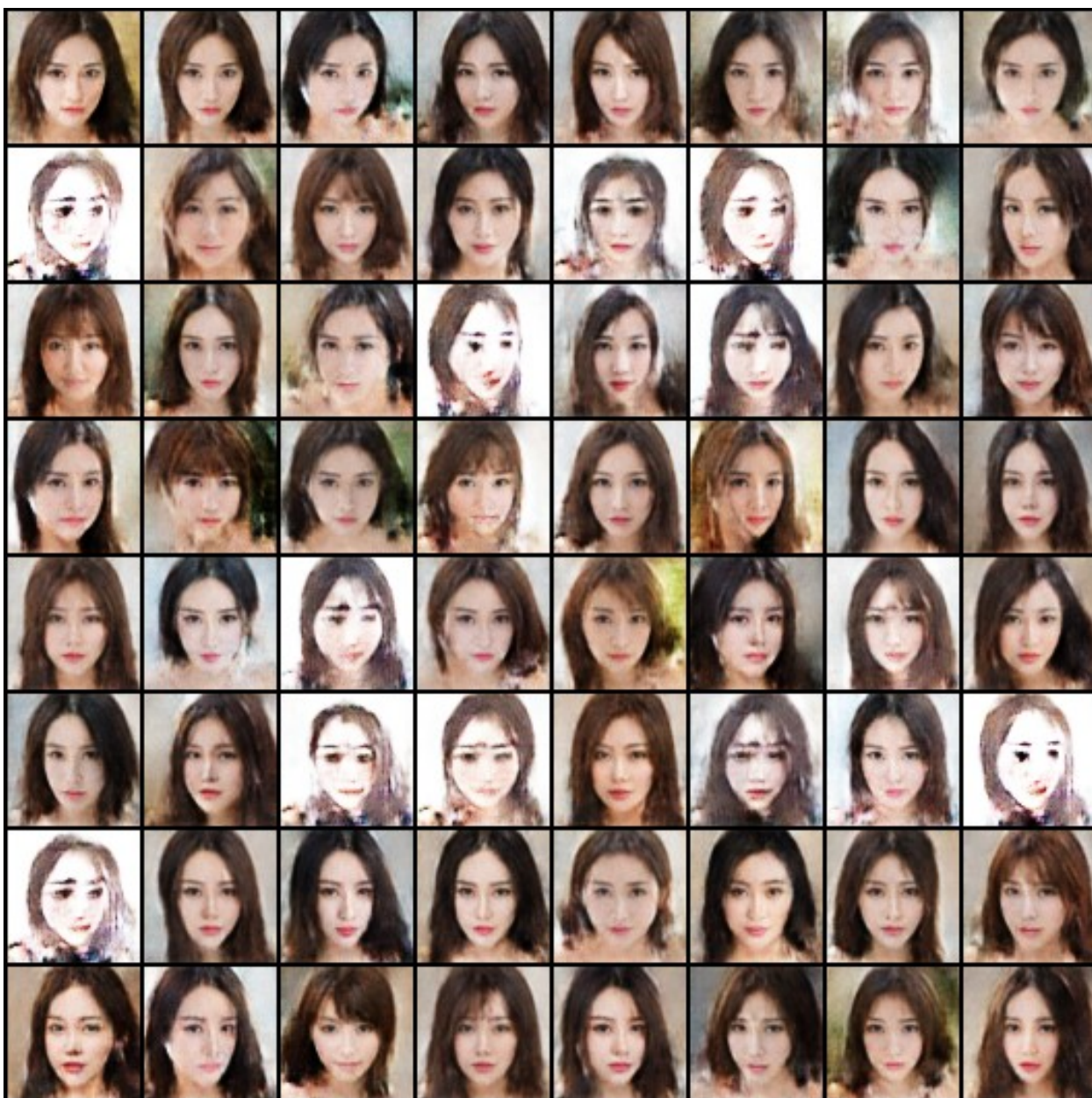
Image('./Photo2Cartoon_generated/generated-images-0300.png')



Image('./Photo2Cartoon_generated/generated-images-0350.png')



Image('./Photo2Cartoon_generated/generated-images-0500.png')



```
import cv2
import os

vid_fname = 'gans_training.avi'

files = [os.path.join(sample_dir, f) for f in os.listdir(sample_dir)
if 'Photo2Cartoon_generated' in f]
files.sort()

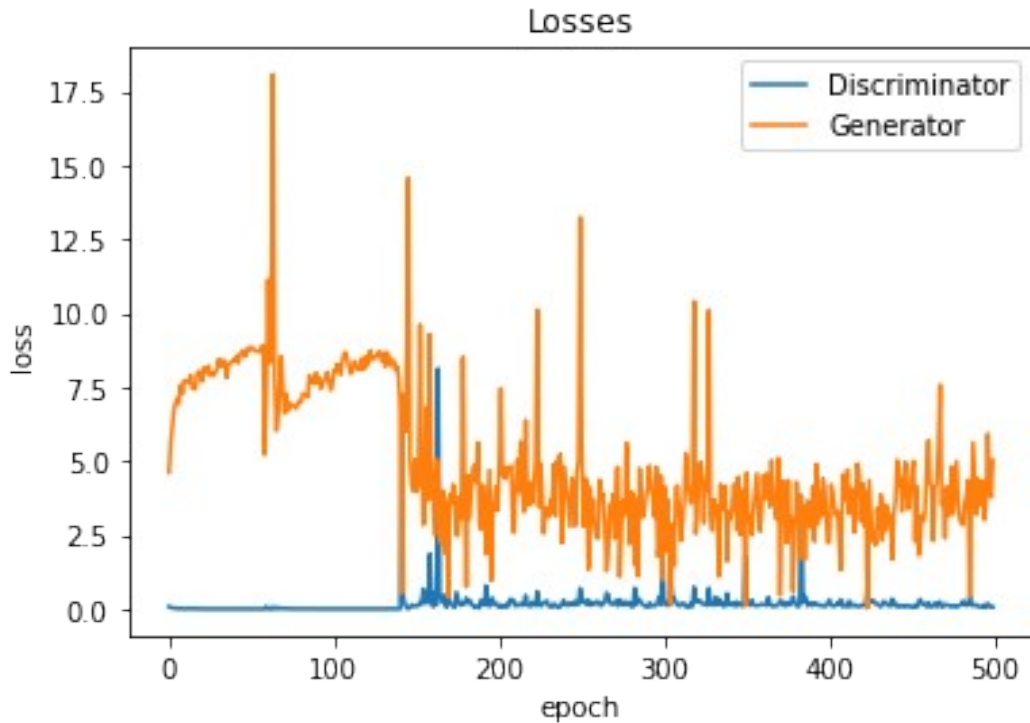
out = cv2.VideoWriter(vid_fname, cv2.VideoWriter_fourcc(*'MP4V'), 1,
(530, 530))
```

```

[out.write(cv2.imread(fname)) for fname in files]
out.release()

plt.plot(losses_d, '-')
plt.plot(losses_g, '-')
plt.xlabel('epoch')
plt.ylabel('loss')
plt.legend(['Discriminator', 'Generator'])
plt.title('Losses');

```



```

plt.plot(real_scores, '-')
plt.plot(fake_scores, '-')
plt.xlabel('epoch')
plt.ylabel('score')
plt.legend(['Real', 'Fake'])
plt.title('Scores');

```

