In [ ]:

```
import numpy as np
import matplotlib.pyplot as plt
from tensorflow.keras.datasets import cifar10
from tensorflow.keras.models import Sequential
from tensorflow.keras.layers import Dense, Reshape, Flatten, Conv2D, Conv2DTra
from tensorflow.keras.optimizers import Adam

(x_train, _), (_, _) = cifar10.load_data()
x_train = (x_train.astype('float32') - 127.5) / 127.5
latent_dim = 100

def build_generator():
    model = Sequential()
    model.add(Dense(8*8*256, input_dim=latent_dim))
    model.add(LeakyReLU(0.2))
    model.add(Reshape((8, 8, 256)))
    model.add(Conv2DTranspose(128, (4,4), strides=(2,2), padding='same'))
    model.add(LeakyReLU(0.2))
    model.add(Conv2DTranspose(64, (4,4), strides=(2,2), padding='same'))
    model.add(LeakyReLU(0.2))
    model.add(Conv2DTranspose(3, (3,3), activation='tanh', padding='same'))
    return model

def build_discriminator():
    model = Sequential()
    model.add(Conv2D(64, (3,3), strides=(2,2), padding='same', input_shape=(32
    model.add(LeakyReLU(0.2))
    model.add(Dropout(0.3))
    model.add(Conv2D(128, (3,3), strides=(2,2), padding='same'))
    model.add(LeakyReLU(0.2))
    model.add(Dropout(0.3))
    model.add(Flatten())
    model.add(Dense(1, activation='sigmoid'))
    opt = Adam(0.0002, 0.5)
    model.compile(loss='binary_crossentropy', optimizer=opt, metrics=['accurac
    return model

discriminator = build_discriminator()
generator = build_generator()

discriminator.trainable = False
gan = Sequential([generator, discriminator])
gan.compile(loss='binary_crossentropy', optimizer=Adam(0.0002, 0.5))

def train(epochs=5000, batch_size=128, save_interval=1000):
    half = int(batch_size / 2)
    for epoch in range(epochs):
        idx = np.random.randint(0, x_train.shape[0], half)
        imgs = x_train[idx]
        noise = np.random.normal(0, 1, (half, latent_dim))
        gen_imgs = generator.predict(noise)

        d_loss_real = discriminator.train_on_batch(imgs, np.ones((half, 1)))
```

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        d_loss_fake = discriminator.train_on_batch(gen_imgs, np.zeros((half, 1
        noise = np.random.normal(0, 1, (batch_size, latent_dim))
        valid_y = np.ones((batch_size, 1))
        g_loss = gan.train_on_batch(noise, valid_y)

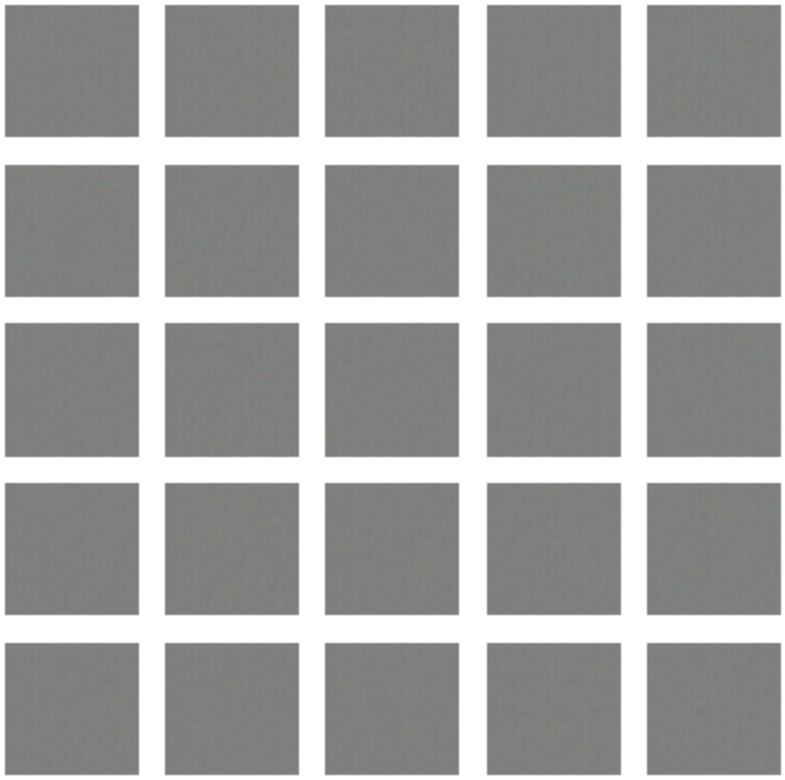
        if epoch % save_interval == 0:
            print(f"{epoch} [D loss: {0.5 * np.add(d_loss_real[0], d_loss_fake
            sample_images(epoch)

def sample_images(epoch):
    r, c = 5, 5
    noise = np.random.normal(0, 1, (r * c, latent_dim))
    gen_imgs = generator.predict(noise)
    gen_imgs = 0.5 * gen_imgs + 0.5
    fig, axs = plt.subplots(r, c, figsize=(5,5))
    cnt = 0
    for i in range(r):
        for j in range(c):
            axs[i,j].imshow(gen_imgs[cnt])
            axs[i,j].axis('off')
            cnt += 1
    plt.suptitle(f"Generated Images at Epoch {epoch}")
    plt.show()

train(epochs=3000, batch_size=128, save_interval=500)
```

```
Downloading data from https://www.cs.toronto.edu/~kriz/cifar-10-python.tar.gz
170498071/170498071 ━━━━━━━━━━━━━━━━━━━━ 6s 0us/step
/usr/local/lib/python3.12/dist-packages/keras/src/layers/convolutional/base_con
v.py:113: UserWarning: Do not pass an `input_shape`/`input_dim` argument to a l
ayer. When using Sequential models, prefer using an `Input(shape)` object as th
e first layer in the model instead.
  super().__init__(activity_regularizer=activity_regularizer, **kwargs)
/usr/local/lib/python3.12/dist-packages/keras/src/layers/core/dense.py:93: User
Warning: Do not pass an `input_shape`/`input_dim` argument to a layer. When usi
ng Sequential models, prefer using an `Input(shape)` object as the first layer
in the model instead.
  super().__init__(activity_regularizer=activity_regularizer, **kwargs)
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 178ms/step
/usr/local/lib/python3.12/dist-packages/keras/src/backend/tensorflow/trainer.p
y:83: UserWarning: The model does not have any trainable weights.
  warnings.warn("The model does not have any trainable weights.")
0 [D loss: 0.7021650671958923] [G loss: 0.6945041418075562]
1/1 ━━━━━━━━━━━━━━━━━━━━ 0s 281ms/step
```

Generated Images at Epoch 0



```
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 333ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 496ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 177ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 179ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 290ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 179ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 235ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 294ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 278ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 529ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 178ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 179ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 286ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 177ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 297ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 174ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 174ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 178ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 177ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 282ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 177ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 267ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 178ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 281ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 175ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 177ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 291ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 175ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 179ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 177ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 300ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 179ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 279ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 176ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 176ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 292ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 177ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 178ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 179ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 292ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 173ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 173ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 177ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 294ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 292ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 273ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 285ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 178ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 299ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 172ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 179ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 299ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 172ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 275ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 178ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 177ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 303ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 280ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 179ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 298ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 286ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 175ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 301ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 176ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 176ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 237ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 174ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 300ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 179ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 176ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 282ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 178ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 177ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 224ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 373ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 278ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 179ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 178ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 273ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 178ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 280ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 218ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 179ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 283ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 176ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 179ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 300ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 294ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 178ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 179ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 293ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 297ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 296ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 176ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 179ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 299ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 286ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 294ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 212ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 291ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 173ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 176ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 285ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 235ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 177ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 307ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 281ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 178ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 176ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 251ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 286ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 178ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 178ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 281ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 179ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 291ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 294ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 307ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 293ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 298ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 178ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 289ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 178ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 284ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 178ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 281ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 176ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 289ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 256ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 174ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 178ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 218ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 307ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 177ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 296ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 291ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 288ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 176ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 227ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 295ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 274ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 298ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 284ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 179ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 289ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
```

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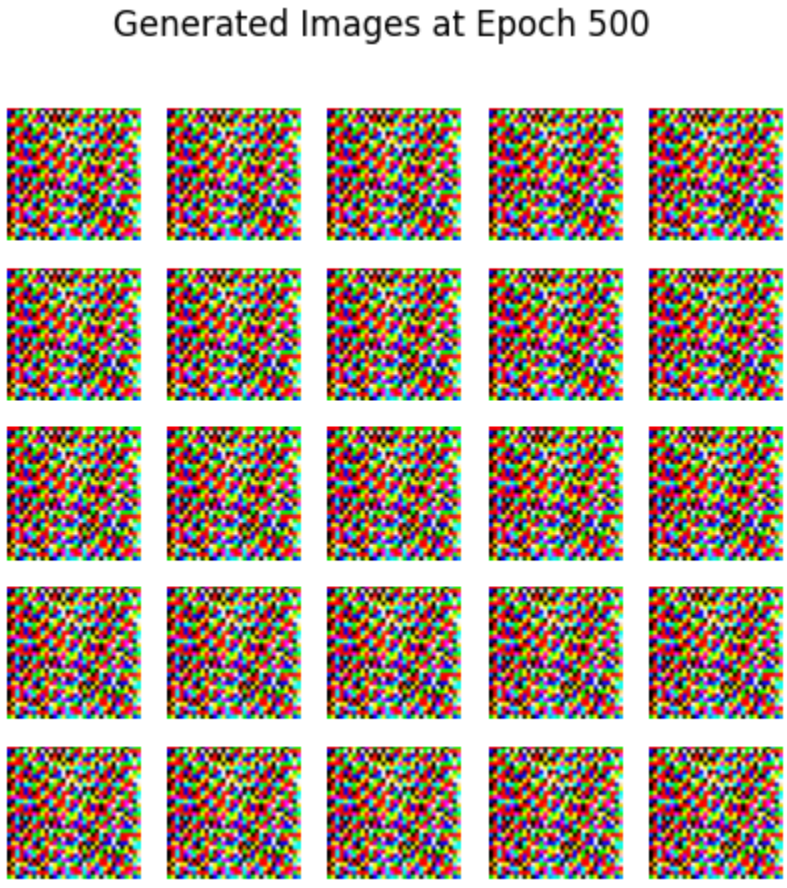
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 300ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 179ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 229ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
500 [D loss: 1.6923561096191406] [G loss: 0.11616962403059006]
1/1 ━━━━━━━━━━━━━━━━━━━━ 0s 164ms/step
```



```
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 288ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 309ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 284ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 279ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 284ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 233ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 177ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 288ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 179ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 288ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 177ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 274ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
```

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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 287ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 178ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 309ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 232ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 291ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 179ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 300ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 179ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 179ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 256ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 178ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 179ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 284ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 179ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 214ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 179ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 295ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 245ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 274ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 287ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 281ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 178ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 299ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 239ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 268ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 179ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 281ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 298ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 274ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 271ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 296ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 223ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 221ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 230ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 288ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 221ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 283ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 303ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 279ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 284ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 307ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 296ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 282ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 310ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 316ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 298ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 333ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 228ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 285ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 280ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 280ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 305ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 298ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 245ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 312ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 298ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 291ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 302ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 311ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 252ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 297ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 298ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 305ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 290ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 233ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 217ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 270ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 302ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 212ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 298ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 292ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 305ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 300ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 287ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 178ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 184ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 218ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 309ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 297ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 296ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 309ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
```

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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 214ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 227ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 317ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 301ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 221ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 222ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 309ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 307ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 221ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 226ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 271ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 295ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 235ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 215ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 217ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 308ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 294ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
```

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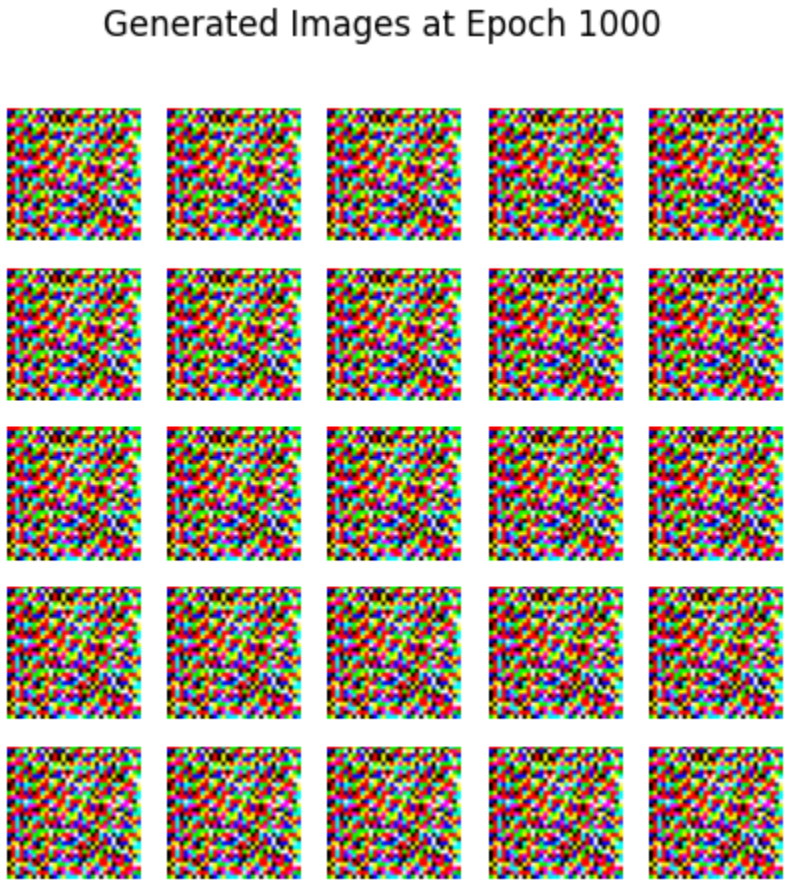
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 223ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 324ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 283ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
1000 [D loss: 1.9609029293060303] [G loss: 0.07023009657859802]
1/1 ━━━━━━━━━━━━━━━━━━━━ 0s 267ms/step
```



```
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 290ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 212ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 302ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 306ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 252ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 217ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 313ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 240ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 329ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 221ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 219ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 222ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 316ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 219ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 214ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
```

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2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 306ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 230ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 218ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 300ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 215ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 294ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 212ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 335ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 220ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 290ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 215ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 221ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 215ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 245ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 299ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 296ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 222ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 292ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 310ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 214ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 322ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 215ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 180ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 314ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 249ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 300ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 221ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 296ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 301ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 296ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 225ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 292ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 309ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 220ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 231ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 308ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 264ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 297ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 282ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 212ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 294ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 251ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 298ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 315ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 314ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 222ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 323ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 286ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 182ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 303ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 279ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 307ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 306ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 214ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 320ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 286ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 212ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 186ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 291ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 312ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 290ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 252ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 214ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 285ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 212ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 311ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 306ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 214ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 215ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 218ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 219ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 220ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 303ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 212ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 323ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 227ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 289ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 235ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 320ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 225ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 288ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 301ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 289ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 214ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 219ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 223ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 307ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 293ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 297ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 296ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 315ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 212ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 314ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 215ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 220ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 228ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 326ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 298ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 324ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
```

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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 308ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 326ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 227ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 323ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 215ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 333ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 316ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 218ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 231ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 319ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 314ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 292ms/step
```

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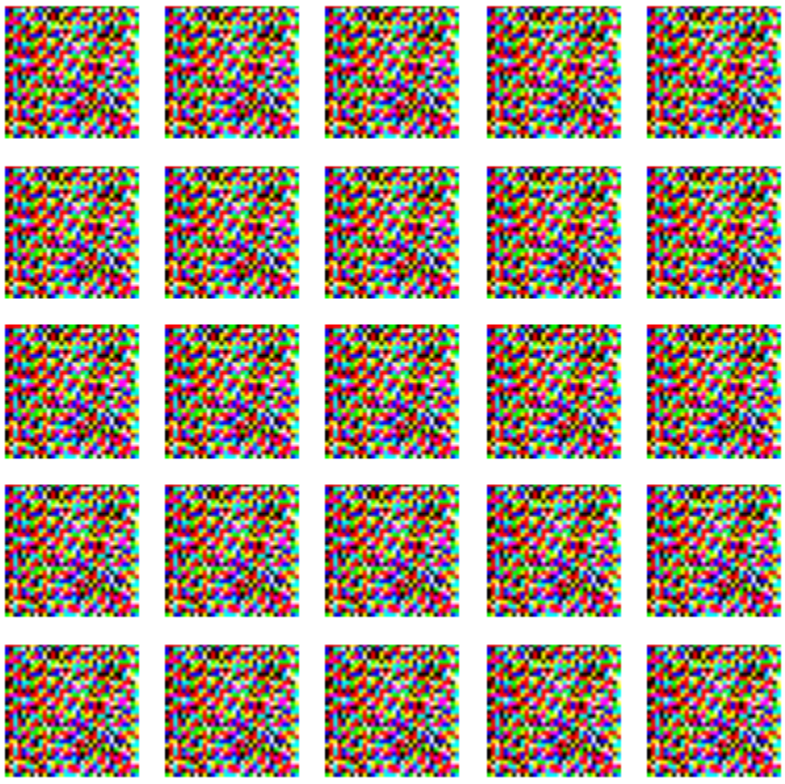
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 293ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 295ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
1500 [D loss: 2.107771396636963] [G loss: 0.05253385379910469]
1/1 ━━━━━━━━━━━━━━━━━━━━ 0s 166ms/step
```

Generated Images at Epoch 1500



```
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 220ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 267ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 295ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 304ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 276ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 297ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 307ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 312ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 219ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 305ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 228ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 285ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 218ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 306ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 274ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 212ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 317ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 298ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 320ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 232ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 345ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 220ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 217ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 227ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 226ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 221ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 215ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 228ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 295ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 227ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 290ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 299ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 308ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 215ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 300ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 215ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 302ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 305ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 223ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 301ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 304ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 297ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 221ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 312ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 245ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 214ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 212ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 295ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 228ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 279ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 325ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 323ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 225ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 316ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 320ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 278ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 212ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 311ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 219ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 305ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 302ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 302ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 281ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 214ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 215ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 294ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 304ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 313ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 290ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 234ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 304ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 292ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 215ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 261ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 224ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 340ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 317ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 219ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 291ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 291ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 340ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 311ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 301ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 215ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 289ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 327ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 305ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 330ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 290ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 319ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 214ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
```

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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 280ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 232ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 260ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 329ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 187ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 322ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 323ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 306ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 333ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 215ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 237ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 339ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 288ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 214ms/step
```

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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 296ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 218ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 323ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 314ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 217ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 304ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 294ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 221ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 314ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 301ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 223ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 313ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
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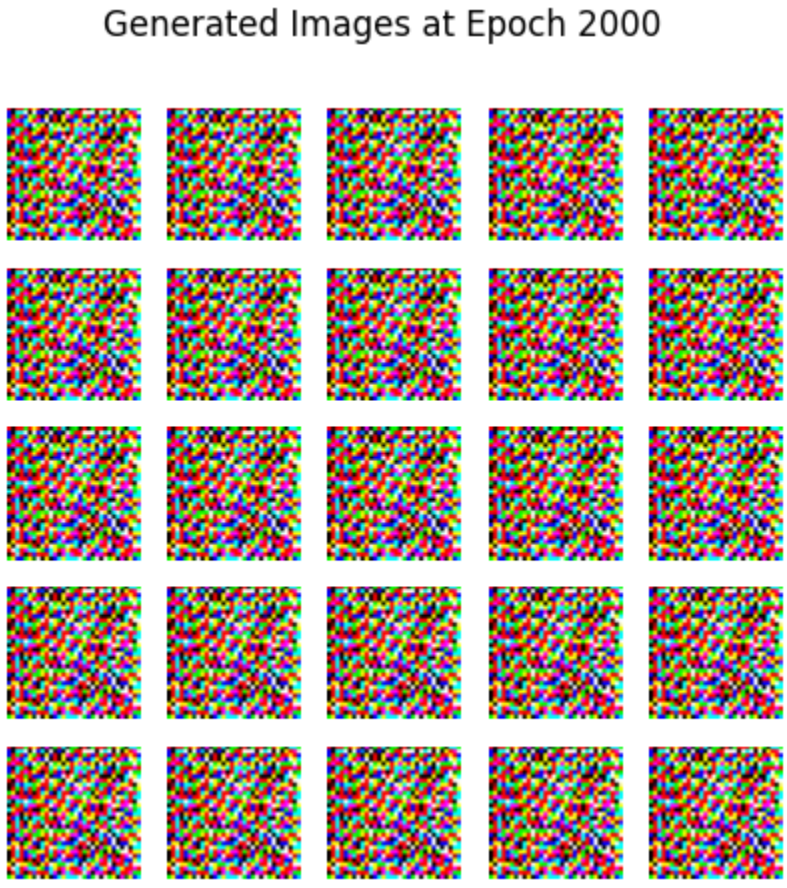
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 214ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 223ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 312ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 212ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2000 [D loss: 2.1957006454467773] [G loss: 0.04319695755839348]
1/1 ━━━━━━━━━━━━━━━━━━━━ 0s 183ms/step
```



```
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 304ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 223ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 308ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 218ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 214ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 279ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 316ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 333ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 296ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 284ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 314ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 336ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 219ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 281ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 299ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 225ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 372ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 305ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 325ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 282ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 217ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 323ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 214ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 271ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 309ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 301ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 296ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 340ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 307ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 289ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 304ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 218ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 220ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 225ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 276ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 309ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 278ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
```

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2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 324ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 289ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 302ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 289ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 267ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 212ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 310ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 282ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 319ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 217ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
```

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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 313ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 214ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 223ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 294ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 283ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 309ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 281ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 323ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 274ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 219ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 286ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 221ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 324ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 215ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 312ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 317ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 217ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 343ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 325ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 221ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 218ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 219ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 294ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 217ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 304ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 214ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 323ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 222ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 226ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 301ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 215ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 226ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 334ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 215ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 185ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 300ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 295ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 217ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 266ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 343ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 223ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 297ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 217ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 299ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 250ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 311ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 217ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 218ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 212ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 303ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 212ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 295ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 231ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 272ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 343ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 284ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 284ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 311ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 212ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 308ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 218ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 222ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 297ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 321ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 326ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 220ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 218ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 313ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 293ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 307ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 297ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 302ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 318ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 273ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 306ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
```

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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 224ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 254ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 297ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 298ms/step
2500 [D loss: 2.256368637084961] [G loss: 0.03736592084169388]
1/1 ━━━━━━━━━━━━━━━━━━━━ 0s 181ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 313ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 250ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 322ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 295ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 285ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 285ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 212ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 217ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 220ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 220ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 240ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 222ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 292ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 219ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 275ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 226ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
```

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2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 276ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 292ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 268ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 259ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 309ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 316ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 294ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 308ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 270ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
```

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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 310ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 314ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 307ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 290ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 285ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 301ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 230ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 296ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 221ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 304ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 217ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 255ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 189ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 333ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 324ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 281ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 217ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 299ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 190ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 295ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 301ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 299ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 215ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 274ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 278ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 240ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 297ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 316ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 327ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 314ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 212ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 321ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 318ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 309ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 305ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 219ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 282ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 305ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 293ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 188ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 315ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 335ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 294ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 227ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 297ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 218ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 295ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 225ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 313ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 304ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 210ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 214ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 314ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 226ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 215ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 298ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 307ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 203ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 221ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 191ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 192ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 347ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 321ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 217ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 218ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 303ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 231ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 316ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 214ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 217ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 308ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 313ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 230ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 250ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 325ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 284ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 224ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 227ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 229ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 320ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 218ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 342ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 212ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 218ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 227ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 208ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 299ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 199ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 198ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 214ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 317ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 300ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 227ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 322ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 202ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 216ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 261ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 197ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 213ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 227ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 313ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 212ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 231ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 225ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 222ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 279ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 211ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 209ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 285ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 204ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 220ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 205ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 200ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
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2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 325ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 194ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 195ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 196ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 193ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 286ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 201ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 206ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 207ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 0s 212ms/step
2/2 ━━━━━━━━━━━━━━━━━━━━ 1s 293ms/step
```

Exp-12: Implement a Deep Convolutional GAN to Generate Complex Color Images.

Aim:
To design a Deep Convolutional GAN (DCGAN) that generate realistic color images using convolutional layers.

Description:
A GAN consists of a Generator that creates fake images and a Discriminator that distinguishes real from fake.
The DCGAN replaces dense layers with convolutional ones for better image detail and stability.

Procedure:
1) Prepare and normalize a colour image dataset
2) Build Generator using transposed convolutions to upsample noise vectors.
3) Build Discriminator using CNN layers to classify images.
4) Train both adversarially: Generator tries to fool the Discriminator.
5) Generate sample images during training

Noise (100)

↓

Generator:

Dense → Reshape → Conv2DTranspose ×3

↓

Output (32×32×3)

↓

Fake Image (32×32×3)

↓

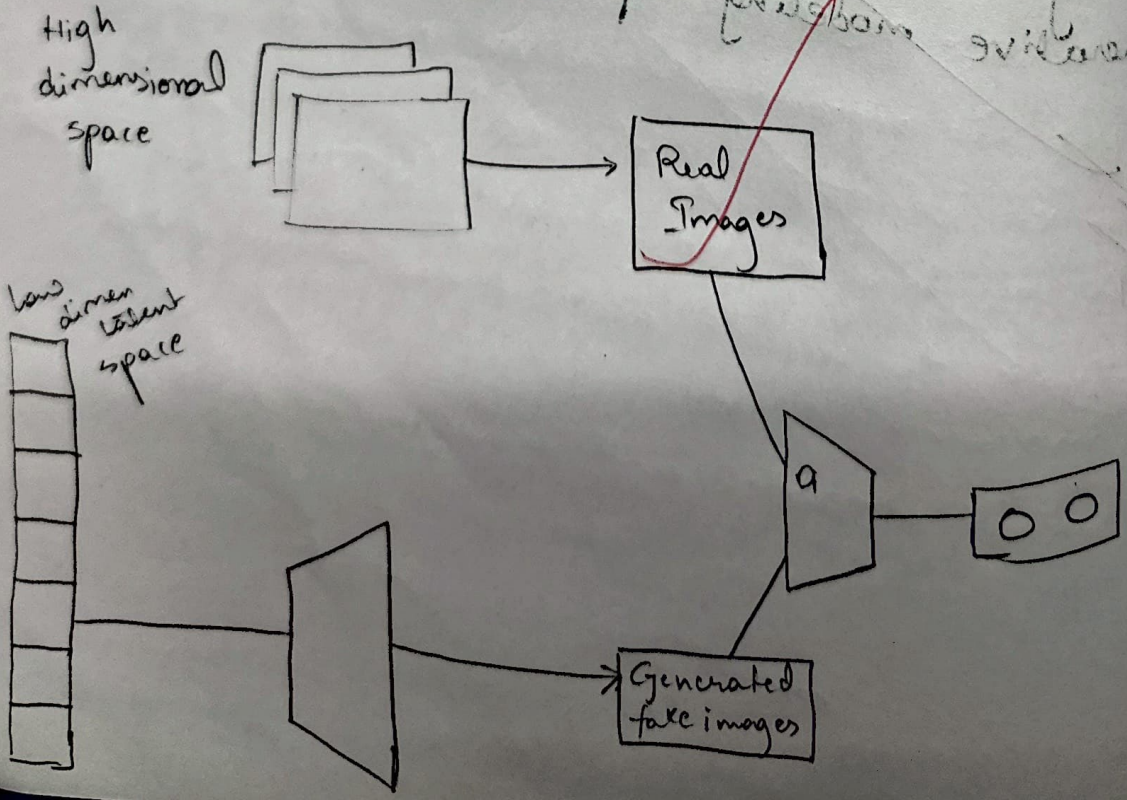
Discriminator:

Conv2D ×3 → Flatten → Dense → Sigmoid

↓

Output: Real / Fake

Adversarial Training between Generator and Discriminator



Pseudocode:

Load CIFAR-10 dataset
Build Generator (noise → conv layers → image)
Build Discriminator (image → conv layers → output)
Adversarial training loop:
    Train Discriminator on real and fake images
    Train Generator to fool Discriminator.
Generate and display sample images.

Observation:
Generated color images improves with epochs, showing realistic patterns and textures.

Result: The DCGAN successfully produced convincing color images, proving its capability for deep ~~learning~~ generative image modeling.

Output :

Epoch [1/10] / Loss : 0.2695 / G Loss : 1.3297

Epoch [2/10] / Loss : 0.2787 / G Loss : 1.8825

Epoch [3/10] / Loss : 0.2546 / G loss : 2.0490

Epoch [6/10] / Loss : 0.3482 / G Loss : 1.1048

Epoch [7/10] / Loss : 0.3175 / G loss : 1.3139

Epoch [8/10] / Loss : 0.3072 / G Loss : 1.2928

Epoch [10/10] / D Loss : 0.3295 / G Loss : 1.0922