

```
!pip install --upgrade keras-cv tensorflow
```

```
Collecting keras-cv
  Downloading keras_cv-0.9.0-py3-none-any.whl.metadata (12 kB)
Requirement already satisfied: tensorflow in /usr/local/lib/python3.12/dist-packages (2.19.0)
Collecting tensorflow
  Downloading tensorflow-2.20.0-cp312-cp312-manylinux_2_17_x86_64.manylinux2014_x86_64.whl.metadata (4.5 kB)
Requirement already satisfied: packaging in /usr/local/lib/python3.12/dist-packages (from tensorflow) (25.0)
Requirement already satisfied: absl-py in /usr/local/lib/python3.12/dist-packages (from tensorflow) (1.4.0)
Requirement already satisfied: regex in /usr/local/lib/python3.12/dist-packages (from tensorflow) (2025.11.3)
Requirement already satisfied: tensorflow-datasets in /usr/local/lib/python3.12/dist-packages (from tensorflow) (4.9.9)
Collecting keras-core (from keras-cv)
  Downloading keras_core-0.1.7-py3-none-any.whl.metadata (4.3 kB)
Requirement already satisfied: kagglehub in /usr/local/lib/python3.12/dist-packages (from keras-cv) (0.3.13)
Requirement already satisfied: astunparse>=1.6.0 in /usr/local/lib/python3.12/dist-packages (from tensorflow) (1.6.3)
Requirement already satisfied: flatbuffers>=24.3.25 in /usr/local/lib/python3.12/dist-packages (from tensorflow) (25.12.19)
Requirement already satisfied: gast!=0.5.0,!0.5.1,!0.5.2,>=0.2.1 in /usr/local/lib/python3.12/dist-packages (from tensorflow) (0.2.0)
Requirement already satisfied: google_pasta>=0.1.1 in /usr/local/lib/python3.12/dist-packages (from tensorflow) (0.2.0)
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Requirement already satisfied: protobuf>=5.28.0 in /usr/local/lib/python3.12/dist-packages (from tensorflow) (5.29.5)
Requirement already satisfied: requests<3,>=2.21.0 in /usr/local/lib/python3.12/dist-packages (from tensorflow) (2.32.4)
Requirement already satisfied: setuptools in /usr/local/lib/python3.12/dist-packages (from tensorflow) (75.2.0)
Requirement already satisfied: six>=1.12.0 in /usr/local/lib/python3.12/dist-packages (from tensorflow) (1.17.0)
Requirement already satisfied: termcolor>=1.1.0 in /usr/local/lib/python3.12/dist-packages (from tensorflow) (3.3.0)
Requirement already satisfied: typing_extensions>=3.6.6 in /usr/local/lib/python3.12/dist-packages (from tensorflow) (4.15)
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Requirement already satisfied: grpcio<2.0,>=1.24.3 in /usr/local/lib/python3.12/dist-packages (from tensorflow) (1.76.0)
Collecting tensorboard~2.20.0 (from tensorflow)
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Requirement already satisfied: keras>=3.10.0 in /usr/local/lib/python3.12/dist-packages (from tensorflow) (3.10.0)
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Requirement already satisfied: h5py>=3.11.0 in /usr/local/lib/python3.12/dist-packages (from tensorflow) (3.15.1)
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Requirement already satisfied: wheel<1.0,>=0.23.0 in /usr/local/lib/python3.12/dist-packages (from astunparse>=1.6.0->tens)
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Requirement already satisfied: optree in /usr/local/lib/python3.12/dist-packages (from keras>=3.10.0->tensorflow) (0.18.0)
Requirement already satisfied: charset_normalizer<4,>=2 in /usr/local/lib/python3.12/dist-packages (from requests<3,>=2.21
Requirement already satisfied: idna<4,>=2.5 in /usr/local/lib/python3.12/dist-packages (from requests<3,>=2.21.0->tensorf
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Requirement already satisfied: markdown>=2.6.8 in /usr/local/lib/python3.12/dist-packages (from tensorboard~2.20.0->tenso
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Requirement already satisfied: tensorboard-data-server<0.8.0,>=0.7.0 in /usr/local/lib/python3.12/dist-packages (from tens
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Requirement already satisfied: pyyaml in /usr/local/lib/python3.12/dist-packages (from kagglehub->keras-cv) (6.0.3)
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Requirement already satisfied: dm-tree in /usr/local/lib/python3.12/dist-packages (from keras-core->keras-cv) (0.1.9)
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Requirement already satisfied: toml in /usr/local/lib/python3.12/dist-packages (from tensorflow-datasets->keras-cv) (0.10.
Requirement already satisfied: einops in /usr/local/lib/python3.12/dist-packages (from etils[edc,epn,epath,epy,etree]>=1.9
```

```
import keras_cv
import matplotlib.pyplot as plt

model = keras_cv.models.StableDiffusion(img_width=512, img_height=512)

prompt = "A futuristic city with floating gardens, cinematic lighting, high resolution"

images = model.text_to_image(prompt, batch_size=1)

plt.imshow(images[0])
plt.axis("off")
plt.show()
```

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Downloading data from [https://huggingface.co/fchollet/stable-diffusion/resolve/main/kcv\\_decoder.h5](https://huggingface.co/fchollet/stable-diffusion/resolve/main/kcv_decoder.h5)  
198180272/198180272 11s 0us/step



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