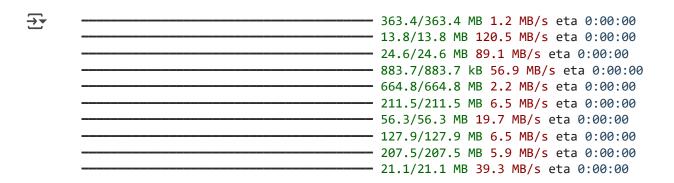
!pip install -q diffusers transformers accelerate scipy safetensors gradio



from huggingface_hub import login
login() # /P Paste your token here when prompted



```
import torch
from diffusers import StableDiffusionPipeline

device = "cuda" if torch.cuda.is_available() else "cpu"

pipe = StableDiffusionPipeline.from_pretrained(
    "runwayml/stable-diffusion-v1-5",
    torch_dtype=torch.float16 if device == "cuda" else torch.float32,
    safety_checker=None
).to(device)
```

```
/usr/local/lib/python3.11/dist-packages/huggingface_hub/utils/_auth.py:94: UserWarning:
     The secret `HF TOKEN` does not exist in your Colab secrets.
     To authenticate with the Hugging Face Hub, create a token in your settings tab (https://huggingface.co/settings/tokens), set it as secre
     You will be able to reuse this secret in all of your notebooks.
     Please note that authentication is recommended but still optional to access public models or datasets.
        warnings.warn(
     model index.json: 100%
                                                                        541/541 [00:00<00:00, 13.6kB/s]
     Fetching 13 files: 100%
                                                                        13/13 [00:35<00:00, 3.78s/it]
     preprocessor config.json: 100%
                                                                              342/342 [00:00<00:00, 20.4kB/s]
     vocab.json: 100%
                                                                   1.06M/1.06M [00:00<00:00, 4.59MB/s]
     config.json: 100%
                                                                   617/617 [00:00<00:00, 9.87kB/s]
     merges.txt: 100%
                                                                  525k/525k [00:00<00:00, 2.82MB/s]
     special_tokens_map.json: 100%
                                                                               472/472 [00:00<00:00, 4.82kB/s]
     tokenizer config.json: 100%
                                                                           806/806 [00:00<00:00, 19.4kB/s]
                                                                            308/308 [00:00<00:00, 5.42kB/s]
     scheduler_config.json: 100%
     model.safetensors: 100%
                                                                         492M/492M [00:08<00:00, 47.2MB/s]
     config.json: 100%
                                                                   743/743 [00:00<00:00, 35.9kB/s]
     config.json: 100%
                                                                   547/547 [00:00<00:00, 32.8kB/s]
     diffusion pytorch model.safetensors: 100%
                                                                                        335M/335M [00:05<00:00, 79.5MB/s]
     diffusion pytorch model.safetensors: 100%
                                                                                        3.44G/3.44G [00:35<00:00, 191MB/s]
     Loading pipeline components...: 100%
                                                                                     6/6 [00:04<00:00, 1.61it/s]
     You have disabled the safety checker for <class 'diffusers.pipelines.stable diffusion.pipeline stable diffusion.StableDiffusionPipeline'
import gradio as gr
def generate(prompt):
    image = pipe(prompt, guidance scale=7.5, num inference steps=50).images[0]
    return image
gr.Interface(
    fn=generate,
```

inputs=gr.Textbox(label="Enter your image prompt"),

outputs=gr.Image(label="Generated Image"),

).launch(share=True) # ☑ share=True is important for Colab

Colab notebook detected. To show errors in colab notebook, set debug=True in launch()
* Running on public URL: https://ea4ad44dfa94fd0188.gradio.live

This share link expires in 1 week. For free permanent hosting and GPU upgrades, run `gradio deploy` from the terminal in the working dir

Clear Submit

