

The screenshot displays a JupyterLab environment with a dark theme. The top menu bar includes 'File', 'Edit', 'View', 'Insert', 'Runtime', 'Tools', and 'Help'. Below the menu is a toolbar with 'Commands', '+ Code', '+ Text', and 'Run all'. On the right side of the toolbar, there are icons for RAM and Disk usage, and a 'Share' button. The main workspace contains a Python script for installing dependencies and generating an image using the Stable Diffusion pipeline. The script includes imports for 'diffusers', 'torch', 'PIL', 'matplotlib.pyplot', 'os', and 'huggingface_hub'. It defines a prompt for a dreamy night sky and uses the 'StableDiffusionPipeline' to generate an image, which is then displayed using 'plt.imshow'. The bottom status bar shows 'Variables', 'Terminal', a diamond icon, '2:14 PM', and 'Python 3'.

```
File Edit View Insert Runtime Tools Help
Commands + Code + Text ▶ Run all
RAM
Disk
25m
!pip install diffusers transformers accelerate --quiet
!pip install torch torchvision torchaudio --index-url https://download.pytorch.org/whl/cu118 --quiet

from diffusers import StableDiffusionPipeline
import torch
from PIL import Image
import matplotlib.pyplot as plt
import os

from huggingface_hub import login
login()

pipe = StableDiffusionPipeline.from_pretrained(
    "runwayml/stable-diffusion-v1-5",
    torch_dtype=torch.float32
)

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

prompt = "A dreamy night sky full of stars above a calm mountain landscape, with a glowing Milky Way, reflected in a peaceful lake, digital painting, soft lighting, tranquil atmosphere"

image = pipe(prompt).images[0]

plt.imshow(image)
plt.axis("off")
```

Variables Terminal 2:14 PM Python 3



FileEditViewInsertRuntimeToolsHelp

CommandsCodeTextRun all

RAM
Disk


ShareGeminid

Pro Tip: If you don't already have one, you can create a dedicated 'notebooks' token with 'write' access, that you can then easily reuse for all notebooks.

Loading pipeline components...: 100%7/7 [00:01~00:00, 6.65it/s]

100%50/50 [24:20~00:00, 28.34s/it]

Generated Image



VariablesTerminal

2:14 PMPython 3