

Video of the tutorial : <https://www.youtube.com/watch?v=343I11mhnXs>

Good day everyone. For those who have been following my DreamBooth, LoRA, or Textual Inversion training videos, you are already familiar with the fact that generating a lot of images with Stable Diffusion is necessary to obtain high-quality images.

However, manually sifting through thousands of images to find the best ones can be a tedious and time-consuming task. That's why I am excited to introduce you to a new method I have invented that utilizes the power of DeepFace face recognition technology to streamline the image selection process.

In this video, I will guide you through a step-by-step tutorial on how to use DeepFace AI to sort and filter the best images based on their similarity to your original training dataset. You don't need any technical knowledge to follow along, as I will explain everything in detail.

For instance, let's say you have generated 2000 images of yourself with various prompts using trained Stable Diffusion model. By following this video, you will be able to let DeepFace AI sort through these images and quickly identify the best ones that closely resemble your training dataset.

This approach is not restricted to trained models. You can choose base images and sort any images that most closely resemble those selected images.

Prompts : <https://github.com/FurkanGozukara/Stable-Diffusion/blob/main/Midjourney-Level-Realism.md>

We will begin with making venv folder

Deepface repo : <https://github.com/serengil/deepface>

start your cmd inside cloned folder and type (you can do this in any folder as well)

```
python -m venv venv
```

then move inside venv/scripts folder

start a new cmd in there

type activate

this will activate the generated venv folder and any executed pip command will now be only effective in this venv folder from now on

execute below command

```
pip install deepface
```

```
pip install matplotlib
```

this command will install deepface into that venv

now we are ready

all we need to do is execute our similarity python script after activating our new venv

for quickly activating our new venv and executing our python script you can use the activate.bat file

here folder structure

