# SDXL_Dreambooth Colab

## 1.SDXL_DreamBooth_Train:

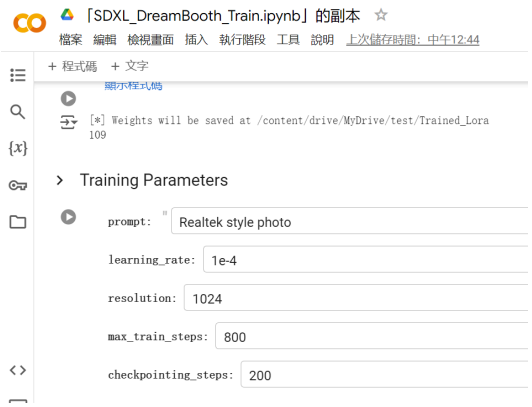
「SDXL_DreamBooth_Train.ipynb」的副本

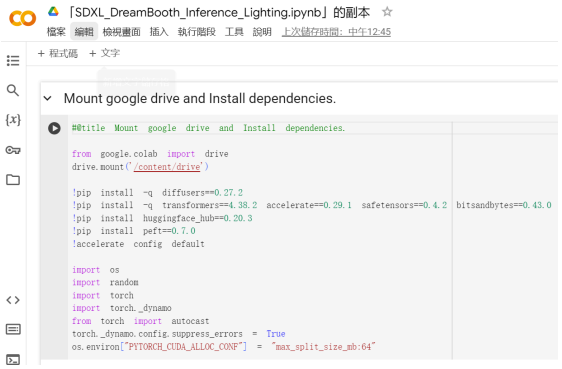
=>Training Dreambooth Model

## 2.SDXL_DreamBooth_Inference_Lighting

「SDXL_DreamBooth_Inference_Lighting.ipynb」的…

=>Generate images through Dreambooth model.

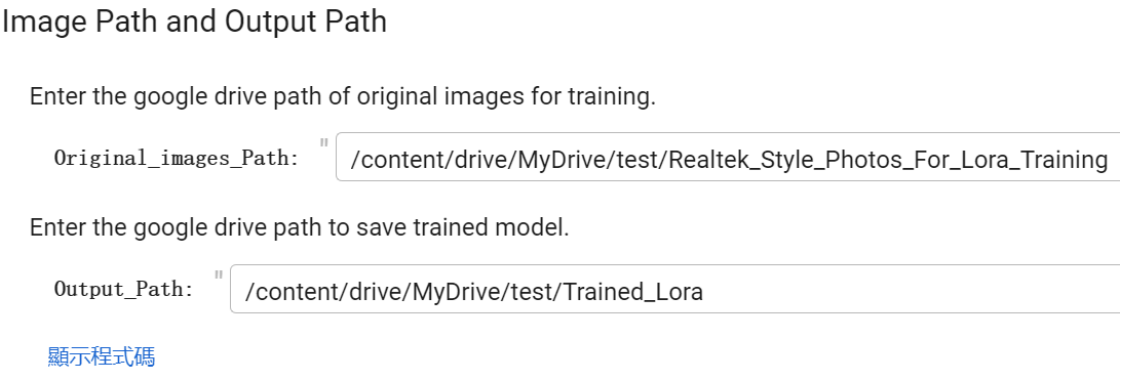


# Note:

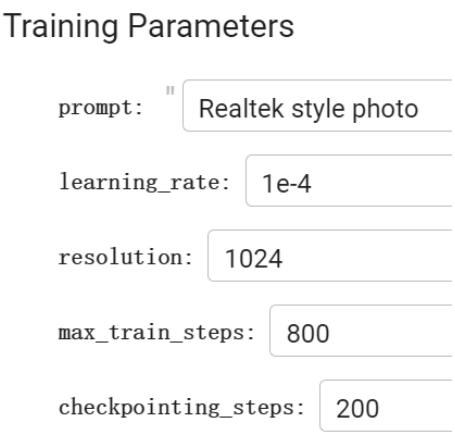
## 1.SDXL_DreamBooth_Train:

### (1)Image Source




**Original_images_Path:**

Ensure the diversity of your dataset for better performance.
Besides, please make sure all the images in the dataset are in the same size. (512x512 or 1024x1024)(training data:10~20 images)




### (2)Training Parameters:

**1.□style photo:**

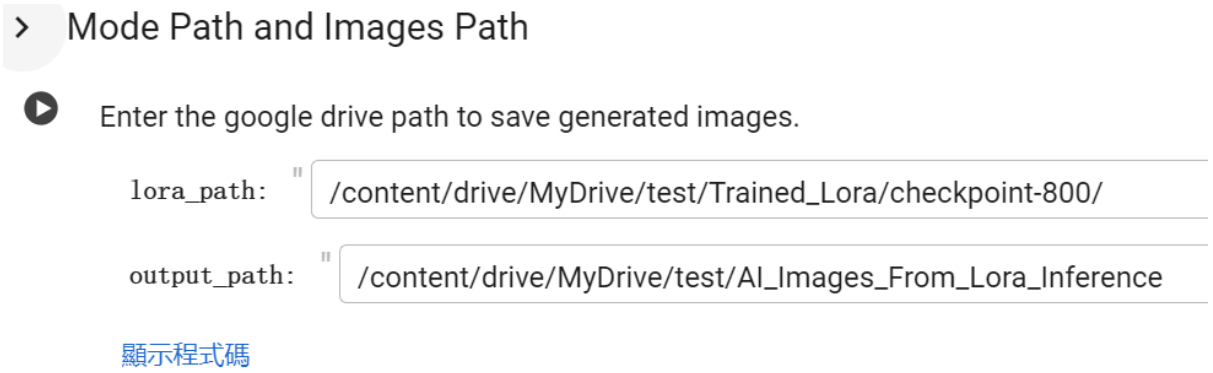
Modify the thing in the box based on the style of your images.
(It is fine to leave it the same:) )

**2.resolution:**

Adjust the resolution depending on your size of dataset.

## 2.SDXL_DreamBooth_Inference_Lighting:

(1)Model path and output path

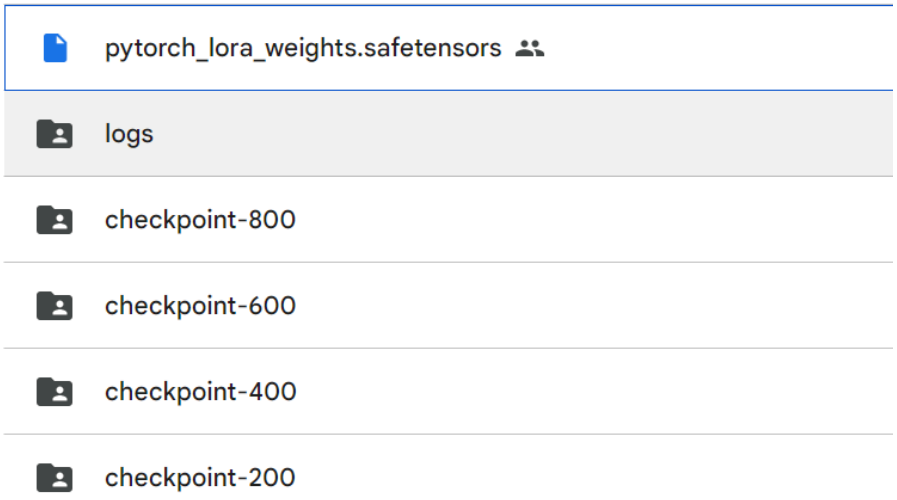



(Starts from checkpoint-200)

**lora_path:**

Fill in the directory of your dreambooth model.

You'll see the following image after training section:




**output_path:**

Fill in the directory where you want to place the output images.

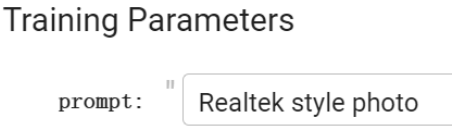
## 2.Prompt(Positive and Negative)

```
prompt_list = [
    "Realtek style photo, cars running on the street, distant view, Realtek style photo",
    "Realtek style photo, buses running on the street, distant view, Realtek style photo",
    "Realtek style photo, trucks running on the street, distant view, Realtek style photo",
    "Realtek style photo, motorcycles running on the street, distant view, Realtek style photo",
    "Realtek style photo, persons walking on the street, distant view, Realtek style photo",
    "Realtek style photo, motorcycles running on the street, distant view, Realtek style photo",
    "Realtek style photo, persons walking on the street, distant view, Realtek style photo",
    "Realtek style photo, night time, in the dark, cars running on the street, distant view, Realtek style photo",
    "Realtek style photo, night time, in the dark, buses running on the street, distant view, Realtek style photo",
    "Realtek style photo, night time, in the dark, trucks running on the street, distant view, Realtek style photo",
    "Realtek style photo, night time, in the dark, motorcycles running on the street, distant view, Realtek style photo",
    "Realtek style photo, night time, in the dark, persons walking on the street, distant view, Realtek style photo",
    "Realtek style photo, night time, in the dark, motorcycles running on the street, distant view, Realtek style photo",
    "Realtek style photo, night time, in the dark, persons walking on the street, distant view, Realtek style photo",
    "Realtek style photo, cars running on the road, distant view, Realtek style photo",
    "Realtek style photo, buses running on the road, distant view, Realtek style photo",
    "Realtek style photo, trucks running on the road, distant view, Realtek style photo",
    "Realtek style photo, motorcycles running on the road, distant view, Realtek style photo",
    "Realtek style photo, persons walking on the road, distant view, Realtek style photo",
    "Realtek style photo, motorcycles running on the road, distant view, Realtek style photo",
    "Realtek style photo, persons walking on the road, distant view, Realtek style photo",
    "Realtek style photo, heavy snowing, cars running on the road, distant view, Realtek style photo",
    "Realtek style photo, heavy snowing, buses running on the road, distant view, Realtek style photo",
    "Realtek style photo, heavy snowing, trucks running on the road, distant view, Realtek style photo",
    "Realtek style photo, heavy snowing, motorcycles running on the road, distant view, Realtek style photo",
    "Realtek style photo, heavy snowing, persons walking on the road, distant view, Realtek style photo",
    "Realtek style photo, heavy snowing, motorcycles running on the road, distant view, Realtek style photo",
    "Realtek style photo, heavy snowing, persons walking on the road, distant view, Realtek style photo",
    "Realtek style photo, heavy raining, cars running on the road, distant view, Realtek style photo",
    "Realtek style photo, heavy raining, buses running on the road, distant view, Realtek style photo",
    "Realtek style photo, heavy raining, trucks running on the road, distant view, Realtek style photo",
    "Realtek style photo, heavy raining, motorcycles running on the road, distant view, Realtek style photo",
    "Realtek style photo, heavy raining, persons walking on the road, distant view, Realtek style photo",
    "Realtek style photo, heavy raining, motorcycles running on the road, distant view, Realtek style photo",
    "Realtek style photo, heavy raining, persons walking on the road, distant view, Realtek style photo",
    "Realtek style photo, heavy fog, cars running on the road, distant view, Realtek style photo",
    "Realtek style photo, heavy fog, buses running on the road, distant view, Realtek style photo",
    "Realtek style photo, heavy fog, trucks running on the road, distant view, Realtek style photo",
    "Realtek style photo, heavy fog, motorcycles running on the road, distant view, Realtek style photo",
    "Realtek style photo, heavy fog, persons walking on the road, distant view, Realtek style photo",
    "Realtek style photo, heavy fog, motorcycles running on the road, distant view, Realtek style photo",
    "Realtek style photo, heavy fog, persons walking on the road, distant view, Realtek style photo",
]

[ ] negative_prompt = "blur, bad composition, bad anatomy, anime, cartoon, graphic, text, painting, crayon, graphite, abstract, concept, low resolution"
```

Adjust the positive prompt in the blank above to follow this structure:”Built-in prompt”,”Description”

**“Built-in prompt”:**the prompt you set in the training section:

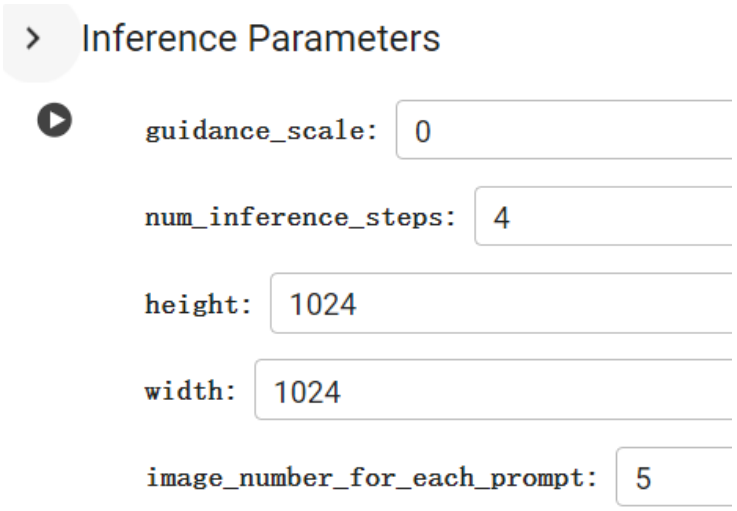



**“Description”:** your desired output scene.

```
"Realtek style photo, buses running on the street, distant view, Realtek style photo” or
"Realtek style photo”, “buses running on the street” ,“distant view,” Realtek style photo”
```

above is an example of a prompt.

## 3.Inference Parameters




Adjust the height and width for your needs
(The output size of images SHOULD be the same as the training data!!)