

HuggingFace Testing

Inleiding

Na het testen met Flowise kwam het naar voren dat ik niet met OpenAI (gratis) kan testen. Hier zijn credits voor nodig en deze had ik helaas niet op mijn account. Verder naar een van de alternatieven; HuggingFace. Hierbij heb ik gespeeld met het model Image to Text. Met een klein stukje code kon ik al snel een foto in mijn bestanden zetten en deze vervolgens laten scannen.

HuggingFace API Test

Code (Python)

app.py — HuggingFace-Test

app.py 2, U ×

chat.py U

app.py > ...

```
1  from dotenv import find_dotenv, load_dotenv
2  from transformers import pipeline
3
4  load_dotenv(find_dotenv())
5
6  # img to text
7  def img2text(url):
8      image_to_text = pipeline("image-to-text", model="Salesforce/blip-image-captioning-base", max_new_tokens=60)
9      text = image_to_text(url)[0]["generated_text"]
10
11     print(text)
12     return text
13
14  img2text("image.jpg")
15
```



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6 # img to text
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8     image_to_text = pipeline("image-to-text", model="Salesforce/blip-image-captioner")
9     text = image_to_text(url)[0]["generated_text"]
10
11     print(text)
12     return text
13
14 img2text("pancakes.jpg")
15
```

Connected to Python 3.9.6

```
✓ from dotenv import find_dotenv, load_dotenv ...
... /Users/elinevooijs/Library/Python/3.9/lib/python/site-packages/urll
  warnings.warn(
  /Users/elinevooijs/Library/Python/3.9/lib/python/site-packages/tqdm
    from .autonotebook import tqdm as notebook_tqdm
  All model checkpoint layers were used when initializing TFBlipForCo

All the layers of TFBlipForConditionalGeneration were initialized fr
If your task is similar to the task the model of the checkpoint was
WARNING:tensorflow:5 out of the last 5 calls to <function TFBlipTex
WARNING:tensorflow:6 out of the last 6 calls to <function TFBlipTex
a laptop computer sitting on a desk next to a book
```

'a laptop computer sitting on a desk next to a book'

```
warnings.warn(
/Users/elinevooijs/Library/Python/3.9/lib/python/site-packages/tqdm
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Type 'python' code here and press Enter to run

Resultaat



```
✓ from dotenv import find_dotenv, load_dotenv ...
```

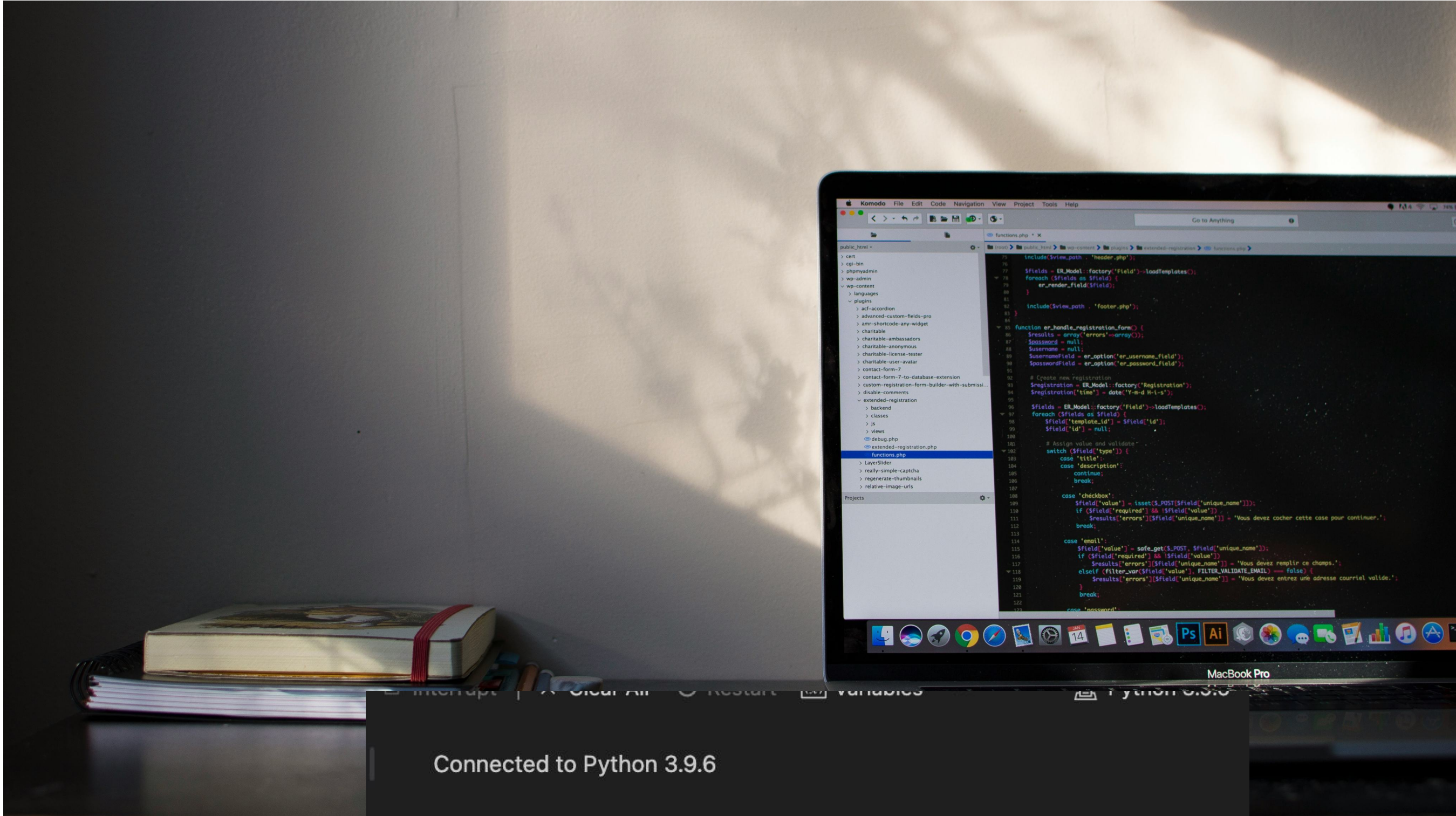
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