

```

pip install transformers datasets evaluate sacrebleu

Collecting datasets
  Downloading datasets-2.18.0-py3-none-any.whl (510 kB)
    510.5/510.5 kB 3.5 MB/s eta 0:00:00
Collecting evaluate
  Downloading evaluate-0.4.1-py3-none-any.whl (84 kB)
    84.1/84.1 kB 7.4 MB/s eta 0:00:00
Collecting sacrebleu
  Downloading sacrebleu-2.4.1-py3-none-any.whl (106 kB)
    106.6/106.6 kB 1.9 MB/s eta 0:00:00
Requirement already satisfied: filelock in /usr/local/lib/python3.10/dist-packages (from transformers) (3.13.3)
Requirement already satisfied: huggingface-hub<1.0,>=0.19.3 in /usr/local/lib/python3.10/dist-packages (from transformers) (0.20)
Requirement already satisfied: numpy>=1.17 in /usr/local/lib/python3.10/dist-packages (from transformers) (1.25.2)
Requirement already satisfied: packaging>=20.0 in /usr/local/lib/python3.10/dist-packages (from transformers) (24.0)
Requirement already satisfied: pyyaml>=5.1 in /usr/local/lib/python3.10/dist-packages (from transformers) (6.0.1)
Requirement already satisfied: regex!=2019.12.17 in /usr/local/lib/python3.10/dist-packages (from transformers) (2023.12.25)
Requirement already satisfied: requests in /usr/local/lib/python3.10/dist-packages (from transformers) (2.31.0)
Requirement already satisfied: tokenizers<0.19,>=0.14 in /usr/local/lib/python3.10/dist-packages (from transformers) (0.15.2)
Requirement already satisfied: safetensors>=0.4.1 in /usr/local/lib/python3.10/dist-packages (from transformers) (0.4.2)
Requirement already satisfied: tqdm>=4.27 in /usr/local/lib/python3.10/dist-packages (from transformers) (4.66.2)
Requirement already satisfied: pyarrow>=12.0.0 in /usr/local/lib/python3.10/dist-packages (from datasets) (14.0.2)
Requirement already satisfied: pyarrow-hotfix in /usr/local/lib/python3.10/dist-packages (from datasets) (0.6)
Collecting dill<0.3.9,>=0.3.0 (from datasets)
  Downloading dill-0.3.8-py3-none-any.whl (116 kB)
    116.3/116.3 kB 7.8 MB/s eta 0:00:00
Requirement already satisfied: pandas in /usr/local/lib/python3.10/dist-packages (from datasets) (1.5.3)
Collecting xxhash (from datasets)
  Downloading xxhash-3.4.1-cp310-cp310-manylinux_2_17_x86_64_manylinux2014_x86_64.whl (194 kB)
    194.1/194.1 kB 7.7 MB/s eta 0:00:00
Collecting multiprocessing (from datasets)
  Downloading multiprocessing-0.70.16-py310-none-any.whl (134 kB)
    134.8/134.8 kB 6.3 MB/s eta 0:00:00
Requirement already satisfied: fsspec[http]<=2024.2.0,>=2023.1.0 in /usr/local/lib/python3.10/dist-packages (from datasets) (202)
Requirement already satisfied: aiohttp in /usr/local/lib/python3.10/dist-packages (from datasets) (3.9.3)
Collecting responses<0.19 (from evaluate)
  Downloading responses-0.18.0-py3-none-any.whl (38 kB)
Collecting portalocker (from sacrebleu)
  Downloading portalocker-2.8.2-py3-none-any.whl (17 kB)
Requirement already satisfied: tabulate>=0.8.9 in /usr/local/lib/python3.10/dist-packages (from sacrebleu) (0.9.0)
Collecting colorama (from sacrebleu)
  Downloading colorama-0.4.6-py2.py3-none-any.whl (25 kB)
Requirement already satisfied: lxml in /usr/local/lib/python3.10/dist-packages (from sacrebleu) (4.9.4)
Requirement already satisfied: aiosignal>=1.1.2 in /usr/local/lib/python3.10/dist-packages (from aiohttp->datasets) (1.3.1)
Requirement already satisfied: attrs>=17.3.0 in /usr/local/lib/python3.10/dist-packages (from aiohttp->datasets) (23.2.0)
Requirement already satisfied: frozenlist>=1.1.1 in /usr/local/lib/python3.10/dist-packages (from aiohttp->datasets) (1.4.1)
Requirement already satisfied: multidict<7.0,>=4.5 in /usr/local/lib/python3.10/dist-packages (from aiohttp->datasets) (6.0.5)
Requirement already satisfied: yarl<2.0,>=1.0 in /usr/local/lib/python3.10/dist-packages (from aiohttp->datasets) (1.9.4)
Requirement already satisfied: async-timeout<5.0,>=4.0 in /usr/local/lib/python3.10/dist-packages (from aiohttp->datasets) (4.0)
Requirement already satisfied: typing-extensions>=3.7.4.3 in /usr/local/lib/python3.10/dist-packages (from huggingface-hub<1.0,>
Requirement already satisfied: charset-normalizer<4,>=2 in /usr/local/lib/python3.10/dist-packages (from requests->transformers)
Requirement already satisfied: idna<4,>=2.5 in /usr/local/lib/python3.10/dist-packages (from requests->transformers) (3.6)
Requirement already satisfied: urllib3<3,>=1.21.1 in /usr/local/lib/python3.10/dist-packages (from requests->transformers) (2.0)
Requirement already satisfied: certifi>=2017.4.17 in /usr/local/lib/python3.10/dist-packages (from requests->transformers) (2024)
Requirement already satisfied: python-dateutil>=2.8.1 in /usr/local/lib/python3.10/dist-packages (from pandas->datasets) (2.8.2)
Requirement already satisfied: pytz>=2020.1 in /usr/local/lib/python3.10/dist-packages (from pandas->datasets) (2023.4)
Requirement already satisfied: six>=1.5 in /usr/local/lib/python3.10/dist-packages (from python-dateutil>=2.8.1->pandas->dataset
Installing collected packages: xxhash, portalocker, dill, colorama, sacrebleu, responses, multiprocessing, datasets, evaluate
Successfully installed colorama-0.4.6 datasets-2.18.0 dill-0.3.8 evaluate-0.4.1 multiprocessing-0.70.16 portalocker-2.8.2 responses

```

```
from huggingface_hub import notebook_login
```

```
notebook_login()
```

```
VBox(children=(HTML(value='<center> <img\nsrc=https://huggingface.co/front/assets/huggingface_logo-noborder.sv...
```

```
from huggingface_hub import notebook_login
```

```
notebook_login()
```



Copy a token from [your Hugging Face tokens page](#) and paste it below.

Immediately click login after copying your token or it might be stored in plain text in this notebook file.

Token:

☒ Add token as git credential?

Login

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.

```
pip install googletrans==4.0.0-rc1
```

```
Collecting googletrans==4.0.0-rc1
  Downloading googletrans-4.0.0rc1.tar.gz (20 kB)
  Preparing metadata (setup.py) ... done
Collecting httpx==0.13.3 (from googletrans==4.0.0-rc1)
  Downloading httpx-0.13.3-py3-none-any.whl (55 kB)
    55.1/55.1 kB 1.1 MB/s eta 0:00:00
Requirement already satisfied: certifi in /usr/local/lib/python3.10/dist-packages (from httpx==0.13.3->googletrans==4.0.0-rc1) (2024.4.1)
Collecting hstspreload (from httpx==0.13.3->googletrans==4.0.0-rc1)
  Downloading hstspreload-2024.4.1-py3-none-any.whl (1.1 MB)
    1.1/1.1 MB 8.1 MB/s eta 0:00:00
Requirement already satisfied: sniffio in /usr/local/lib/python3.10/dist-packages (from httpx==0.13.3->googletrans==4.0.0-rc1) (1.3.0)
Collecting chardet==3.* (from httpx==0.13.3->googletrans==4.0.0-rc1)
  Downloading chardet-3.0.4-py2.py3-none-any.whl (133 kB)
    133.4/133.4 kB 15.7 MB/s eta 0:00:00
Collecting idna==2.* (from httpx==0.13.3->googletrans==4.0.0-rc1)
  Downloading idna-2.10-py2.py3-none-any.whl (58 kB)
    58.8/58.8 kB 7.5 MB/s eta 0:00:00
Collecting rfc3986<2,>=1.3 (from httpx==0.13.3->googletrans==4.0.0-rc1)
  Downloading rfc3986-1.5.0-py2.py3-none-any.whl (31 kB)
Collecting httpcore==0.9.* (from httpx==0.13.3->googletrans==4.0.0-rc1)
  Downloading httpcore-0.9.1-py3-none-any.whl (42 kB)
    42.6/42.6 kB 5.1 MB/s eta 0:00:00
Collecting h11<0.10,>=0.8 (from httpcore==0.9.*->httpx==0.13.3->googletrans==4.0.0-rc1)
  Downloading h11-0.9.0-py2.py3-none-any.whl (53 kB)
    53.6/53.6 kB 7.0 MB/s eta 0:00:00
Collecting h2==3.* (from httpcore==0.9.*->httpx==0.13.3->googletrans==4.0.0-rc1)
  Downloading h2-3.2.0-py2.py3-none-any.whl (65 kB)
    65.0/65.0 kB 8.0 MB/s eta 0:00:00
Collecting hyperframe<6,>=5.2.0 (from h2==3.*->httpcore==0.9.*->httpx==0.13.3->googletrans==4.0.0-rc1)
  Downloading hyperframe-5.2.0-py2.py3-none-any.whl (12 kB)
Collecting hpack<4,>=3.0 (from h2==3.*->httpcore==0.9.*->httpx==0.13.3->googletrans==4.0.0-rc1)
  Downloading hpack-3.0.0-py2.py3-none-any.whl (38 kB)
Building wheels for collected packages: googletrans
  Building wheel for googletrans (setup.py) ... done
  Created wheel for googletrans: filename=googletrans-4.0.0rc1-py3-none-any.whl size=17395 sha256=c54f77711f2ec8477228864a3714230b3
  Stored in directory: /root/.cache/pip/wheels/c0/59/9f/7372f0cf70160fe61b528532e1a7c8498c4becd6bcffb022de
Successfully built googletrans
Installing collected packages: rfc3986, hyperframe, hpack, h11, chardet, idna, hstspreload, h2, httpcore, httpx, googletrans
  Attempting uninstall: chardet
    Found existing installation: chardet 5.2.0
    Uninstalling chardet-5.2.0:
      Successfully uninstalled chardet-5.2.0
  Attempting uninstall: idna
    Found existing installation: idna 3.6
    Uninstalling idna-3.6:
      Successfully uninstalled idna-3.6
Successfully installed chardet-3.0.4 googletrans-4.0.0rc1 h11-0.9.0 h2-3.2.0 hpack-3.0.0 hstspreload-2024.4.1 httpcore-0.9.1 httpx-
```

```
from googletrans import Translator
```

```
def translate_text(text, target_language='en'):
    translator = Translator()
    translated_text = translator.translate(text, dest=target_language)
    return translated_text.text
```

```
def main():
    text = input("Enter the text you want to translate: ")
    target_language = input("Enter the target language code (e.g., 'en' for English): ")
    translated_text = translate_text(text, target_language)
    print("Translated text:", translated_text)
```

```
if __name__ == "__main__":
    main()
```

```
Enter the text you want to translate: Hello  
Enter the target language code (e.g., 'en' for English): french  
Translated text: Bonjour
```