```
/usr/local/lib/python3.11/dist-packages/huggingface_hub/utils/_auth.py:94: UserWarning:
The secret `HF_TOKEN` does not exist in your Colab secrets.
To authenticate with the Hugging Face Hub, create a token in your settings tab (https://huggingface.co/settings/tokens), set it as secret in your Google Colab and restart your session.
You will be able to reuse this secret in all of your notebooks.
Please note that authentication is recommended but still optional to access public models or datasets.
  warnings.warn(
config.json: 100%  1.58k/1.58k [00:00<00:00, 54.4kB/s]
model.safetensors: 100%  1.63G/1.63G [00:14<00:00, 228MB/s]
generation_config.json: 100%  363/363 [00:00<00:00, 27.5kB/s]
vocab.json: 100%  899k/899k [00:00<00:00, 3.59MB/s]
merges.txt: 100%  456k/456k [00:00<00:00, 2.85MB/s]
tokenizer.json: 100%  1.36M/1.36M [00:00<00:00, 4.15MB/s]
Device set to use cpu
original document:

natural language processing(nlp) is a subfield of
linguistics, computer science, and artificial intelligence
 concerned with the interactions between computers and
 human language,in particular how to program computers to
 process and analyze large amounts of natural language
 data. the result is a computer capable of 'understanding'
 the contents of documents, including the contextual
 nuances of the language within them. the technology can
 then accurately extract information and insights contained
 in the documents as well as categorize and organize the
 documents themselves.


generated summary:
 Natural language processing is a subfield of computer science and artificial intelligence. It is concerned with how to program computers to process and analyze large amounts of natural language
```