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from transformers import pipeline
from datasets import load_dataset
import pandas as pd
from datasets import load_dataset, load_metric
from transformers import AutoModelForSeq2SeqLM, AutoTokenizer
import nltk
from nltk.tokenize import sent_tokenize
from tqdm import tqdm
import torch
dataset_samsum = load_dataset("samsum")

print(dataset_samsum)

split_lengths = [len(dataset_samsum[split]) for split in dataset_samsum]

print(split_lengths)

dialogue = dataset_samsum['test'][0]['dialogue']
print(dialogue)

model_ckpt = "google/pegasus-cnn_dailymail"
tokenizer = AutoTokenizer.from_pretrained(model_ckpt)

pipe = pipeline('summarization', model=model_ckpt)

pipe_out = pipe(dialogue)
print(pipe_out)

print(pipe_out[0]['summary_text'].replace(" .<n>", " .\n"))

```

Dialogue:

Hannah: Hey, do you have Betty's number?

Amanda: Lemme check

Hannah: <file_gif>

Amanda: Sorry, can't find it.

Amanda: Ask Larry

Amanda: He called her last time we were at the park together

Hannah: I don't know him well

Hannah: <file_gif>

Amanda: Don't be shy, he's very nice

Hannah: If you say so..

Hannah: I'd rather you texted him

Amanda: Just text him 😊

Hannah: Urgh.. Alright

Hannah: Bye

Amanda: Bye bye

Summary (output):

Amanda: Ask Larry Amanda: He called her last time we were at the park together .

Hannah: I'd rather you texted him .

Amanda: Just text him .