

```
!pip install pydub openai-whisper transformers langdetect googletrans==4.0.0-rc1 nltk
!apt install ffmpeg
```

```

Found existing installation: nvidia-cufft-cu12 11.2.3.61
Uninstalling nvidia-cufft-cu12-11.2.3.61:
  Successfully uninstalled nvidia-cufft-cu12-11.2.3.61
Attempting uninstall: nvidia-cuda-runtime-cu12
  Found existing installation: nvidia-cuda-runtime-cu12 12.5.82
  Uninstalling nvidia-cuda-runtime-cu12-12.5.82:
    Successfully uninstalled nvidia-cuda-runtime-cu12-12.5.82
Attempting uninstall: nvidia-cuda-nvrtc-cu12
  Found existing installation: nvidia-cuda-nvrtc-cu12 12.5.82
  Uninstalling nvidia-cuda-nvrtc-cu12-12.5.82:
    Successfully uninstalled nvidia-cuda-nvrtc-cu12-12.5.82
Attempting uninstall: nvidia-cuda-cupti-cu12
  Found existing installation: nvidia-cuda-cupti-cu12 12.5.82
  Uninstalling nvidia-cuda-cupti-cu12-12.5.82:
    Successfully uninstalled nvidia-cuda-cupti-cu12-12.5.82
Attempting uninstall: nvidia-cublas-cu12
  Found existing installation: nvidia-cublas-cu12 12.5.3.2
  Uninstalling nvidia-cublas-cu12-12.5.3.2:
    Successfully uninstalled nvidia-cublas-cu12-12.5.3.2
Attempting uninstall: idna
  Found existing installation: idna 3.10
  Uninstalling idna-3.10:
    Successfully uninstalled idna-3.10
Attempting uninstall: h2
  Found existing installation: h2 4.2.0
  Uninstalling h2-4.2.0:
    Successfully uninstalled h2-4.2.0
Attempting uninstall: nvidia-cusparse-cu12
  Found existing installation: nvidia-cusparse-cu12 12.5.1.3
  Uninstalling nvidia-cusparse-cu12-12.5.1.3:
    Successfully uninstalled nvidia-cusparse-cu12-12.5.1.3
Attempting uninstall: nvidia-cudnn-cu12
  Found existing installation: nvidia-cudnn-cu12 9.3.0.75
  Uninstalling nvidia-cudnn-cu12-9.3.0.75:
    Successfully uninstalled nvidia-cudnn-cu12-9.3.0.75
Attempting uninstall: httpcore
  Found existing installation: httpcore 1.0.9
  Uninstalling httpcore-1.0.9:
    Successfully uninstalled httpcore-1.0.9
Attempting uninstall: nvidia-cusolver-cu12
  Found existing installation: nvidia-cusolver-cu12 11.6.3.83
  Uninstalling nvidia-cusolver-cu12-11.6.3.83:
    Successfully uninstalled nvidia-cusolver-cu12-11.6.3.83
Attempting uninstall: httpx
  Found existing installation: httpx 0.28.1
  Uninstalling httpx-0.28.1:
    Successfully uninstalled httpx-0.28.1
ERROR: pip's dependency resolver does not currently take into account all the packages that are installed. This
langsmith 0.3.42 requires httpx<1,>=0.23.0, but you have httpx 0.13.3 which is incompatible.
google-genai 1.15.0 requires httpx<1.0.0,>=0.28.1, but you have httpx 0.13.3 which is incompatible.
openai 1.78.1 requires httpx<1,>=0.23.0, but you have httpx 0.13.3 which is incompatible.
Successfully installed chardet-3.0.4 googletrans-4.0.0rc1 h11-0.9.0 h2-3.2.0 hpack-3.0.0 hstspreload-2025.1.1 ht
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
ffmpeg is already the newest version (7:4.4.2-0ubuntu0.22.04.1).
0 upgraded, 0 newly installed, 0 to remove and 34 not upgraded.
```

+ Code

+ Text

```
from pydub import AudioSegment
```

```
audio = AudioSegment.from_file("/content/meeting audio.mp3", format="mp3")
audio.export("/content/meeting audio.wav", format="wav")
```

```
>>> <_io.BufferedReader name='/content/meeting audio.wav'>
```

```
import whisper
```

```
model = whisper.load_model("base")
result = model.transcribe("/content/meeting audio.wav")
transcript = result["text"]
print(transcript)
```

```
100%|██████████████████████████████████████| 139M/139M [00:01<00:00, 135MiB/s]
/usr/local/lib/python3.11/dist-packages/whisper/transcribe.py:126: UserWarning: FP16 is not supported on CPU; using warnings.warn("FP16 is not supported on CPU; using FP32 instead")
Thank you. This is the arm of Springfield meeting agenda for October the first 2024. That exactly 6 p.m. Call thi
```

```
from transformers import pipeline
import torch

summarizer = pipeline("summarization", model="facebook/bart-large-cnn", device=0 if torch.cuda.is_available() else -1)
max_transcript_length = 1000
if len(transcript) > max_transcript_length:
    transcript = transcript[:max_transcript_length]
    print(f"Transcript truncated to {max_transcript_length} characters.")
if not transcript.strip():
    summary = "Transcript is empty or too short to summarize."
else:
    summary = summarizer(transcript, max_length=150, min_length=30, do_sample=False)[0]['summary_text']
    print("Summary:", summary)
print("Summary:", summary)
```

```

/usr/local/lib/python3.11/dist-packages/huggingface_hub/utils/_auth.py:104: UserWarning:
Error while fetching `HF_TOKEN` secret value from your vault: 'Requesting secret HF_TOKEN timed out. Secrets can only be fetched if you are authenticated with the Hugging Face Hub in this notebook.'
You are not authenticated with the Hugging Face Hub in this notebook.
If the error persists, please let us know by opening an issue on GitHub (https://github.com/huggingface/huggingface\_hub/issues)
warnings.warn(
config.json: 0%|          | 0.00/1.58k [00:00<?, ?B/s]
Xet Storage is enabled for this repo, but the 'hf_xet' package is not installed. Falling back to regular HTTP download
WARNING:huggingface_hub.file_download:Xet Storage is enabled for this repo, but the 'hf_xet' package is not installed
model.safetensors: 0%|          | 0.00/1.63G [00:00<?, ?B/s]
generation_config.json: 0%|          | 0.00/363 [00:00<?, ?B/s]
vocab.json: 0%|          | 0.00/899k [00:00<?, ?B/s]
merges.txt: 0%|          | 0.00/456k [00:00<?, ?B/s]
tokenizer.json: 0%|          | 0.00/1.36M [00:00<?, ?B/s]
Device set to use cpu
Transcript truncated to 1000 characters.
Summary: The arm of Springfield acknowledges that we are gathered on ancestral lands. Treaty one territory, tradit
Summary: The arm of Springfield acknowledges that we are gathered on ancestral lands. Treaty one territory, tradit

```

```
from transformers import pipeline

sentiment_pipeline = pipeline("sentiment-analysis")
sentiment = sentiment_pipeline(transcript)
print("Overall Sentiment:", sentiment)
```

```

➡ No model was supplied, defaulted to distilbert/distilbert-base-uncased-finetuned-sst-2-english and revision 714eb0
Using a pipeline without specifying a model name and revision in production is not recommended.
config.json: 0%|          | 0.00/629 [00:00<?, ?B/s]
Xet Storage is enabled for this repo, but the 'hf_xet' package is not installed. Falling back to regular HTTP down
WARNING:huggingface_hub.file_download:Xet Storage is enabled for this repo, but the 'hf_xet' package is not instal
model.safetensors: 0%|          | 0.00/268M [00:00<?, ?B/s]
tokenizer_config.json: 0%|          | 0.00/48.0 [00:00<?, ?B/s]
vocab.txt: 0%|          | 0.00/232k [00:00<?, ?B/s]
Device set to use cpu
Overall Sentiment: [{'label': 'POSITIVE', 'score': 0.9992223978042603}]

```

```
qa_pipeline = pipeline("question-answering")
```

```

question = "What was discussed in the meeting?"
qa_result = qa_pipeline(question=question, context=summary)
print("Q&A Result:", qa_result)

```

```

➡ No model was supplied, defaulted to distilbert/distilbert-base-cased-distilled-squad and revision 564e9b5 (https://
Using a pipeline without specifying a model name and revision in production is not recommended.
config.json: 0%|          | 0.00/473 [00:00<?, ?B/s]
Xet Storage is enabled for this repo, but the 'hf_xet' package is not installed. Falling back to regular HTTP down
WARNING:huggingface_hub.file_download:Xet Storage is enabled for this repo, but the 'hf_xet' package is not instal
model.safetensors: 0%|          | 0.00/261M [00:00<?, ?B/s]
tokenizer_config.json: 0%|          | 0.00/49.0 [00:00<?, ?B/s]
vocab.txt: 0%|          | 0.00/213k [00:00<?, ?B/s]
tokenizer.json: 0%|          | 0.00/436k [00:00<?, ?B/s]
Device set to use cpu
Q&A Result: {'score': 0.2512718141078949, 'start': 77, 'end': 97, 'answer': 'Treaty one territory'}

```

```
from googletrans import Translator
```

```

translator = Translator()
translated = translator.translate(summary, dest='fr') # 'fr' for French
print("Translated Summary:", translated.text)

```

```

➡ us sommes rassemblés sur des terres ancestrales.Traité One Territory, Territoire traditionnel de l'Anishinaabe, Kri

```

```

import smtplib
from email.message import EmailMessage

```

```

# Email sender and app password
SENDER_EMAIL = "thiruchowdary91@gmail.com"
APP_PASSWORD = "smzk opel ofnk ckzt" # Replace this securely


```

```

def send_email(summary, recipient):
    msg = EmailMessage()
    msg.set_content(summary)
    msg["Subject"] = "Meeting Summary"
    msg["From"] = SENDER_EMAIL
    msg["To"] = recipient
    try:
        with smtplib.SMTP_SSL("smtp.gmail.com", 465) as smtp:
            smtp.login(SENDER_EMAIL, APP_PASSWORD)
            smtp.send_message(msg)
            print("Email sent successfully!")
    except Exception as e:
        print("Failed to send email:", e)

```

es rassemblés sur des terres ancestrales.Traité One Territory, Territoire traditionnel de l'Anishinaabe, Kri, Oji k"
a real email

 Email sent successfully!