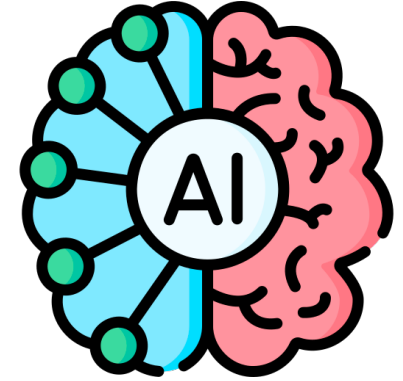




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#02



PrivateGPT



Disclaimer

- 1. I'm learning this stuff**
- 2. Might not be optimized or even not correct**
- 3. Just for reference**

Requirments

No-code solution

1. WHAT is PrivateGPT ?

<https://docs.privategpt.dev/>

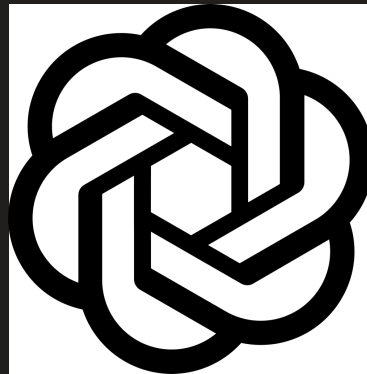
<https://github.com/imartinez/privateGPT>

API



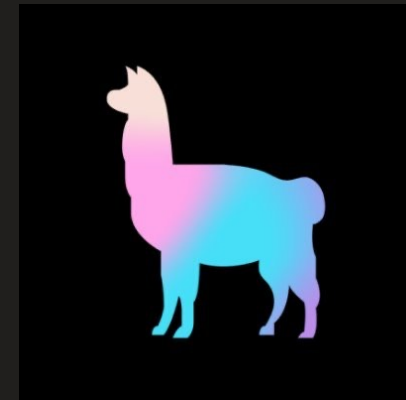
FastAPI

scheme



OpenAI

RAG



LlamaIndex

2. Try it?

<https://www.youtube.com/watch?v=XFiof0V3nhA>

 **YouTube** | Matthew Berman

PrivateGPT 2.0 - FULLY LOCAL Chat With Docs (PDF, TXT, HTML, PPTX, DOCX, and more) ▾



```
# Install Python 3.11
pyenv install 3.11
pyenv local 3.11

# (Optional) Install poetry if not install yet, check by: poetry --version
pip install poetry

# Install dependencies
poetry install --with ui,local

# Download Embedding and LLM models
poetry run python scripts/setup

# (Optional) For Mac with Metal GPU, enable it.
CMAKE_ARGS="-DLLAMA_METAL=on" pip install --force-reinstall -
-no-cache-dir llama-cpp-python

# Run the local server
PGPT_PROFILES=local make run

# Navigate to the UI and try it out!
http://localhost:8001/
```



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