Team name: HealthEdBot

Names & USC ID

Cici Chang (8706354957)

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README for Lab 6 Part 1

In this assignment, we built a Question-and-answer (Q&A) chatbot using Large Language Models (LLMs) and embedding models.

Features

1. PDF extraction: Extracts text from PDF files, acquiring information we need from PDF files.

2. Text chunks: To transfer text data into a more easily accessible, and manageable chunks format.

3. Vectorizing: Create word embeddings for chunks we created in the above step.

4. Conversation Chain: Create a conversation chain to understand user questions and give responses.

Required libraries:

Pandas, numpy, PyPDF2, langchain, torch

Usage

We could use this python script directly via commend line through:

Python chatbox.py

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