# Personal Agent with Multiple PDF Files

Overview

This application enables users to chat with an AI-powered bot that has been trained on multiple PDF documents. The bot leverages PyPDF2 for PDF processing, Google's PaLM for language modeling, and Streamlit for the user interface.

Prerequisites

Python 3.7 or later installed

Clone or download the project files from the provided source.

Installation

Navigate to Project Directory:

Open a terminal or command prompt.

Use cd command to change to the directory where the project files are located.

Create Virtual Environment (Optional):

Create a virtual environment (recommended):

Copy that code and paste your terminal

* python -m venv myenv

Activate the virtual environment:

For Windows OS:

Copy that code and paste your terminal

* myenv\Scripts\activate

For Mac/Linux OS:

bash

Copy that code and paste your terminal

* source myenv/bin/activate

Install Required Libraries:

Install the necessary libraries using pip and the provided requirements.txt file:

Copy that code and paste your terminal

* pip install -r requirements.txt

Running the Application

Set Up API Key:

Obtain a PaLM API key from Google.

<https://www.loom.com/share/875b49b7868544b6b8cee4c04aca03d7?sid=1c387acc-c355-4e48-a3c2-628f1023faf7>

Open the Python file containing the code and replace 'add\_your\_PaLM\_API\_here' with your actual API key.

Run the Application:

In the terminal or command prompt, ensure you're in the project directory.

Run the Streamlit application using the following command:

Copy that code and paste your terminal

* Streamlit run “your\_actual\_python\_file\_name”.py

Replace your\_python\_file.py with the name of the Python file containing your code.

This will start a local server and open the application in your default web browser.

Using the Application:

Once the application opens in the browser, follow the prompts:

"Ask a Question from the PDF Files" - input your question here.

"Upload your Documents" - upload one or more PDF files.

Click "Process" to initiate document processing.

Interact with the bot based on your queries.

Notes

Ensure the uploaded PDFs contain text content for effective training and interaction.

For any issues or queries, refer to the documentation of the used libraries or contact us.  
  
  
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