

Multiple PDF Chatbot

Team_G_P_A_

Phase 2

01. Probing Question

02. Image Output

03. Other Changes

Probing Question

- When passed a question to the model we check for specific key words; if present and ambiguity found we ask clarifying question.
- If no ambiguity found then response is given by passing the query to the model for processing.



Images as Output

The bot now outputs images relevant to the answer of the question asked to it.

- Images are extracted with the surrounding texts of the page using various python libraries and stored in a data frame.
- After the user asks the question, the answer is checked for similarity with the texts; when sufficient similarity is found, the corresponding image or images are displayed to the user.
- The similarity check is performed using embeddings.



Other Changes

- Option to choose whether to display images from the highest similarity page or from each page having certain similarity threshold decided by the user.
- Button to toggle the chat history to see previous chats; as soon as new question is entered the history automatically toggles off.
- Separate button to submit the question preventing accidental submission by the pressing of `Enter` key.

