

Documentation: How to Use the QA Bot

This guide will help us understand how to use the QA bot to upload documents, ask questions, and get answers based on the content of our uploaded documents.

1. Uploading Files

- After launching the app, you will be presented with a user interface where you can upload a document.
- The supported file format for the document upload is **PDF**.

Steps to Upload:

1. Click on the **"Upload a PDF document"** button.
2. Select the PDF file from your computer.
3. Wait for the document to be processed. The system will extract the text from the PDF and generate embeddings in the background.
Note: Larger documents may take longer to process, but the system is optimized for handling large files.
- After the document has been processed successfully, a confirmation message will appear, letting you know that the document has been embedded and indexed.

2. Asking Questions

Once the document has been successfully processed, we can ask questions about the content of the document.

Steps to Ask a Question:

1. Enter your question in the **"Ask a question based on the document"** text input field.
2. The system will retrieve relevant sections from the document based on your question.
3. The QA bot will use the retrieved document content to generate a meaningful answer to your question.

Example:

- **Question:** "What is the main purpose of this document?"
- **Answer:** "The document is primarily focused on explaining the benefits of implementing a QA system."

3. Viewing Responses

- After we submit our question, the bot will generate an answer using the content extracted from the document.

- The response is displayed directly below the text input field.

Components of the Response:

1. **Retrieved Document Context:** This is the portion of the document that the system used to generate the answer.
2. **Generated Answer:** This is the answer generated by the QA bot based on the document context..

Notes:

- The system supports **multiple queries** on a single uploaded document. we can continue asking questions after uploading the document without re-uploading it.
- For optimal performance, keep the file size reasonable. Although the system is designed to handle large documents, very large files may take longer to process.
- If we upload a new document, the previous document will be replaced, and the QA bot will generate embeddings based on the new document.