**SAMPLESET  
  
PART – 2**

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**How to Use the Interactive QA Bot**

The Interactive QA Bot provides an easy way for users to upload PDF documents, ask questions about the content, and receive real-time responses. Here’s a step-by-step guide to help you understand how to use it.

**Step 1: Uploading PDF Documents**

1. **Launch the Streamlit Application**: After running the command streamlit run streamlit.py, the web interface will open in your browser.
2. **Upload the PDF File**:
   1. You will see an option to **“Choose a PDF file”** on the homepage.
   2. Click on the "Browse Files" button to select and upload a PDF file from your computer.

Once the PDF is uploaded, the system will automatically extract and process the text from the document.

**Step 2: Asking Questions**

1. **Enter Your Question**: After the PDF has been processed, you will see an input box where you can ask questions based on the content of the uploaded document.

Example: You can ask something like, *"What is the conclusion of the document?"* or *"What are the key findings?"*

1. **Submit Your Query**: After typing your question, press **Enter** or click on the **Submit** button.

**Step 3: Viewing the Bot's Responses**

1. **Receiving the Response**: The bot will retrieve the most relevant section(s) of the document and provide a response generated using Cohere's NLP capabilities.

The answer will appear below the question input box, with the relevant document segment included.

The response includes:

* 1. The **retrieved document section**: This is the part of the document that the bot finds most relevant to your query.
  2. The **generated answer**: This is the precise response generated by the bot based on the document content.

TEST DOCUMENT PDF CONTENT

**Title: Basics of HTML**

**Page 1:** HTML stands for HyperText Markup Language. It is the standard language used to create webpages. HTML consists of a series of elements that tell the browser how to display content. Elements are represented by tags, such as <h1>, <p>, and <a>. These tags structure the webpage and help in organizing text, images, and links.

The most common tags include:

* <h1> for headers
* <p> for paragraphs
* <a> for hyperlinks

HTML documents are saved with a .html extension and can be opened in any web browser.

OUTPUT

A screenshot of a chat box

Description automatically generated  
  
  
A screenshot of a chat box

Description automatically generated  
A screenshot of a chat box

Description automatically generated  
  
Tip  
Add a pdf full content and ask crisp questions to find the efficiency