**Document Search Bot**

**Introduction**

The Document Search Bot is an intelligent assistant designed to streamline document retrieval and information retrieval processes. By leveraging natural language processing and a question-answering model, the bot aims to enhance user experience in accessing information within various document formats.

**Objectives**

The primary objectives of this PoC are to:

Demonstrate the feasibility of the Document Search Bot.

Showcase the key functionalities, including document upload, deletion, and user queries.

Validate the effectiveness of the question-answering model in providing relevant responses.

**Prerequisite**

* Install Python: Install Python on your local machine.
* Install a code editor: Install any code editor for running your code (e.g., Visual Studio Code).

To install the required packages, you can run the following commands in your terminal or command prompt:

pip install streamlit

pip install PyPDF2

pip install langchain

pip install pandas

pip install python-pptx

pip install python-docx

pip install python-dotenv

**Document Search Bot:**

This script, built with Streamlit, serves as a document search bot. It enables administrators to upload and delete various document types (PDF, TXT, DOCX, XLSX, PPTX). Both Admin and Normal Users can utilize a question-answering model for document search. Admins have additional capabilities for document management, while normal users can perform search queries exclusively.