

# AI Chatbot for PDF Documents – Sample Documentation

## Overview

This document explains how an AI chatbot can read and understand content from PDF files. The chatbot allows users to upload PDF documents and ask questions related to the text inside them.

## How It Works

The user uploads a PDF file. The chatbot extracts the text from the PDF and divides it into small sections. Then, it converts these sections into numerical representations called embeddings. When a user asks a question, the chatbot compares the question with these embeddings to find the most relevant parts of the document and generates an answer.

## Features

- Upload and read PDF documents easily.
- Ask natural language questions about the document.
- Get instant and accurate answers based on the content.

## Example Use Case

Imagine you upload a research paper. You can ask the chatbot questions like 'What is the main conclusion of the paper?' or 'Who are the authors?' and the chatbot will provide relevant responses directly from the PDF content.

## End of Document

This sample document is created to test the AI Chatbot for PDF Documents project.