**Problem Statement:**

You are provided a library of PDF documents related to medical procedures and topics (e.g., surgeries such as hip surgery, spinal surgery, spinal treatment, etc.). The objective is to create a system that allows the user to search these documents using **semantic queries**. The system should return:

1. **The pages from the documents** where the relevant content appears.
2. **Text excerpts** from those pages that match the semantic search query.

The search should leverage semantic understanding and **return only relevant results** (i.e., results semantically connected to the query should be prioritized; irrelevant results should be excluded).

The system must be implemented using **Python** and must be delivered as a **workable API** that can be integrated into other applications.

**Requirements:**

**1. Input:**

* **A collection of PDF files** (provided as sample data, consisting of medical-related documents).
* A **user query input** (e.g., "hip surgery," "spinal treatment," etc.).

**2. Output:**

* A **list of relevant pages** from the input PDF files that match the user's query based on **semantic meaning**.
* **Relevant text excerpts** extracted from those pages to provide context and detailed information to the user.

**3. System Features:**

* **Semantic Search:** The system must understand the user's query beyond simple keyword matching.
* **PDF Processing:** The system must extract text content from the PDF files for semantic analysis.
* **Accuracy:** Ensure the output is semantically accurate, providing **only relevant results**. Irrelevant matches should be excluded.

**Implementation Details:**

**1. Language:**

The solution must be implemented in **Python**.

**Sample PDF:**