AI/ML Assignment: Document Information Extractor using LLM

Objective:
Build a Python script that can read a document (PDF/TXT/DOCX) and extract specific fields using a **Large Language Model (LLM)**, returning them in a structured **JSON format**.

Tasks:

1. **Document Input**:
   - Read the provided sample insurance policy document (PDF/TXT/DOCX).
   - Extract specific fields from the document using a **Large Language Model (LLM)** for text comprehension and extraction.
2. **Required Fields to Extract**:
   Extract the following information from the document:

   - Name
   - Policy Number
   - Email
   - Policy Name
   - Plan Type
   - Sum Assured
   - Room Rent Limit

   - Waiting Period

3. **LLM-based Extraction**:
   - Use an LLM like **GPT-3/4**, **ChatGPT**, or any other pre-trained NLP model to process the document and automatically identify and extract the fields mentioned above.

4. **Return the Extracted Fields**:
   - Return the extracted fields in a **clean and structured JSON format**.