

Explanation of Each Dependency

1 streamlit

Streamlit is used to build the interactive web interface of the application.

It handles:

- File upload functionality (PDF uploader)
- Text input area for raw contract text
- Buttons and UI layout
- Structured output display
- Risk flag highlighting
- Overall user experience

Streamlit allows rapid development of clean, professional dashboards using only Python, without requiring HTML, CSS, or JavaScript.

2 pymupdf

PyMuPDF is used for extracting text from uploaded PDF files.

It handles:

- Opening PDF documents
- Reading page-by-page content
- Extracting raw text from contracts
- Converting PDF content into analyzable text format

This enables the application to process real contract documents rather than only pasted text.

Why Only These Two?

The current MVP uses a modular mock analysis layer instead of a live LLM API to ensure stable execution without API quota limitations.

Therefore:

- No OpenAI dependency
- No Gemini dependency
- No requests library
- No dotenv configuration

This keeps the project lightweight, clean, and easy to run locally.

► How to Install Dependencies

Run: `pip install -r requirements.txt`

This installs all required packages for the project to run successfully.