

# LLM Apps

LangChain in the PDF Full-Stack App

# Steps to include LangChain in the PDF App

- Make a copy of the PDF app on your computer so as not to write over the original PDF app.
- In this new copy:
  - Add OpenAI credentials.
  - Add a very simple LangChain functionality in the backend.
  - Initialize the backend to see how it works.
  - Add a slightly more advanced LangChain functionality in the backend.
  - Check the backend again to see how it works.
  - Update the frontend to show changes in the User Interface (UI).