Step 0: Setup VSCode

* Create a new folder
* Open VSCode
* File > Open Folder (Open the newly created folder)

Step 1: Setup Github

* Ctrl + Shift + P > Create: New File > README.md
* Ctrl + Shift + P > Create: New File > requirements.txt. Fill it with:
  + langchain-cli
* Ctrl + Shift + P > Publish to Github
* Provide repository name, ensure it is public
* Go to terminal and run
  + git config --global user.email "you@example.com"
  + git config --global user.name "YourName"
* Ctrl + Shift + P > Git: Add Remote, link it to the same name as the folder
* On VS Code, click on source control, provide the commit message as “Initial Commit” and click commit and push.

Step 2: Create python virtual environment

* Create venv: Go to Terminal: python -m venv .venv
* Provide permissions to the folder: Set-ExecutionPolicy -ExecutionPolicy Unrestricted -Scope Process
* Activate the environment: .\.venv\Scripts\activate
* Upgrade pip: python -m pip install --upgrade pip
* Install the required modules: pip install -r ./requirements.txt
* Select the Python Interpreter: Ctrl + Shift + P > Python: Select Interpreter. Select .venv

Step 3: Setup OpenAI API key

* Ctrl + Shift + P > Create: New File > .env
* In the .env file add the following:
  + OPENAI\_API\_KEY=”<api\_key>”

Step 4: Load the PDFs

* Create a new folder and name it as data
* Add 1 or more pdfs there

Step 5: Test notebook

* Ctrl + Shift + P > Create: New Jupyter Notebook > test.ipynb