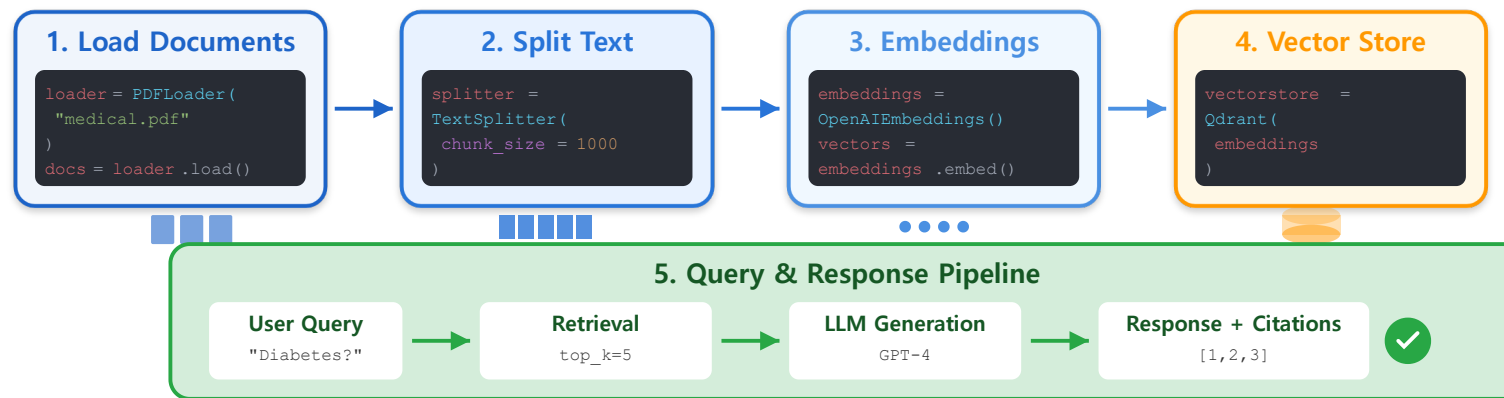


Hands-on: RAG Pipeline

🔧 LangChain RAG Implementation Flow



📄 Complete Implementation Code

```
from langchain.vectorstores import Qdrant
from langchain.embeddings import OpenAIEmbeddings
from langchain.chains import RetrievalQA

# Setup Vector Store
vectorstore = Qdrant(embeddings=OpenAIEmbeddings(), collection="medical_kb")

# Create RAG Chain
qa_chain = RetrievalQA.from_chain_type(
    llm=OpenAI(temperature=0),
    retriever=vectorstore.as_retriever(search_kwargs={"k": 5}),
    return_source_documents=True
)

# Query with Citations
result = qa_chain({"query": "Treatment for Type 2 Diabetes?"})
print(result['answer'], result['source_documents'])
```