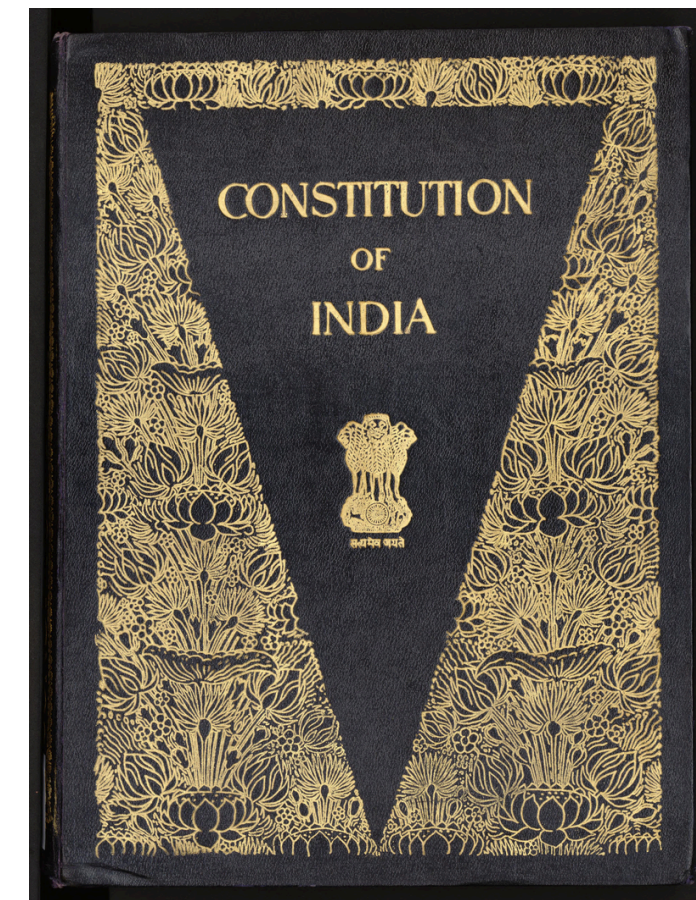


RAG Chatbot Using Gemini

For Constitution of India

Gemini



Tech Used



Chroma DB

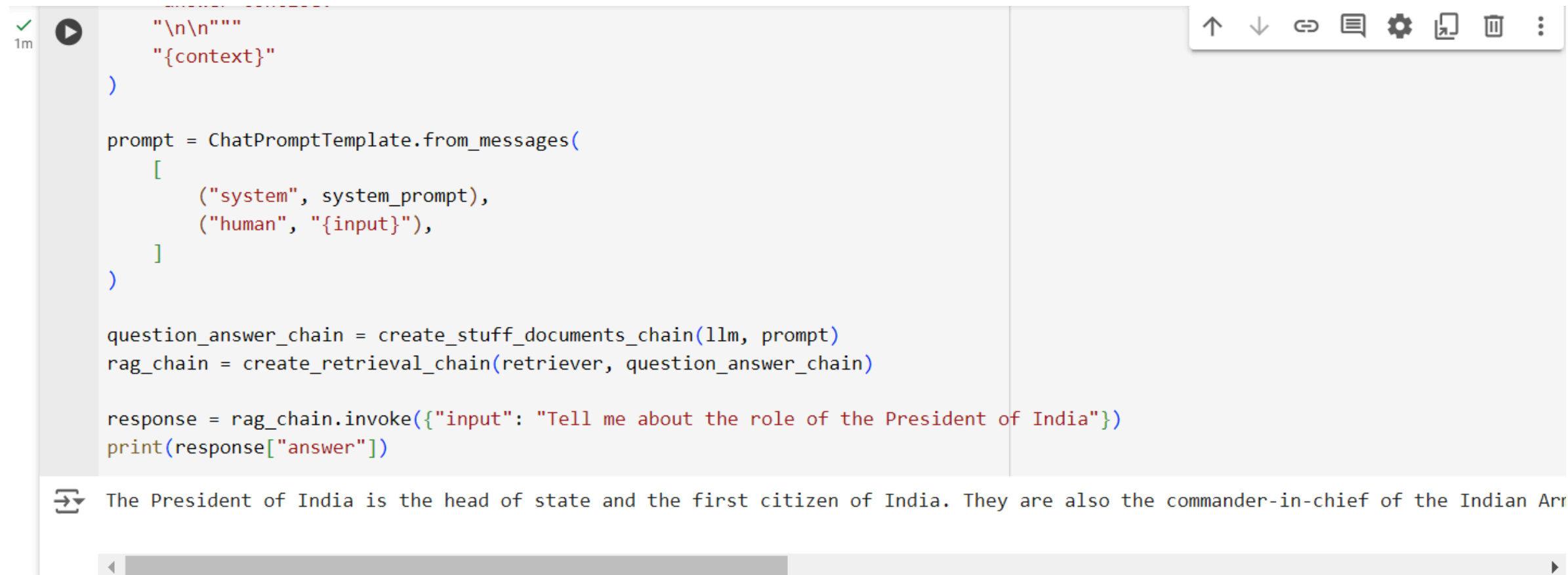


Library used

1. langchain
2. langchain_community
3. langchain-google-genai
4. python-dotenv
5. langchain_experimental
6. sentence-transformers
7. langchain_chroma
8. langchainhub
9. pypdf
10. rapidocr-onnxruntime

To try run google collab

https://colab.research.google.com/drive/18cV5bpfV_Eq9450ek5lbnjx06L7yighR?usp=sharing



```
✓ 1m ▶
"\n\n""
"{context}"
)

prompt = ChatPromptTemplate.from_messages(
    [
        ("system", system_prompt),
        ("human", "{input}"),
    ]
)

question_answer_chain = create_stuff_documents_chain(llm, prompt)
rag_chain = create_retrieval_chain(retriever, question_answer_chain)

response = rag_chain.invoke({"input": "Tell me about the role of the President of India"})
print(response["answer"])
```

→ The President of India is the head of state and the first citizen of India. They are also the commander-in-chief of the Indian Arr

