

Conversational UI Chatbot App with ChatGPT, LangChain and Streamlit

Instructor

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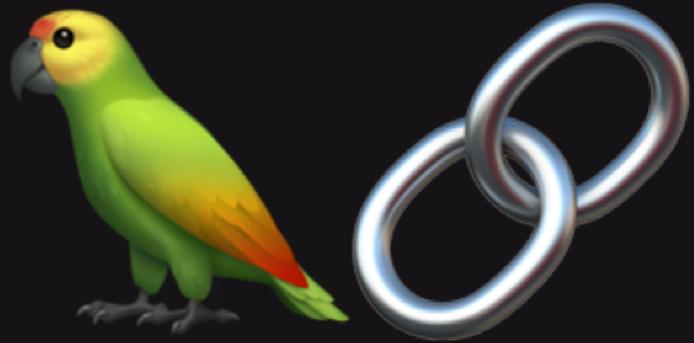
Published Author



Outline

- Key tools to build a UI-based Conversational Chatbot App
- UI-based Chatbot Architecture
- Authentication Keys for App
- Store ChatGPT and NGrok API Keys in YAML format

Key tools to build a UI-based Conversational Chatbot App



[LangChain](#) - A Python framework to build
LLM systems

Key tools to build a UI-based Conversational Chatbot App



LLMs like [Open AI ChatGPT](#)

Key tools to build a UI-based Conversational Chatbot App



[Streamlit](#) - A Python framework to build conversational UI

Key tools to build a UI-based Conversational Chatbot App



Google Colab or a Python environment for running your apps

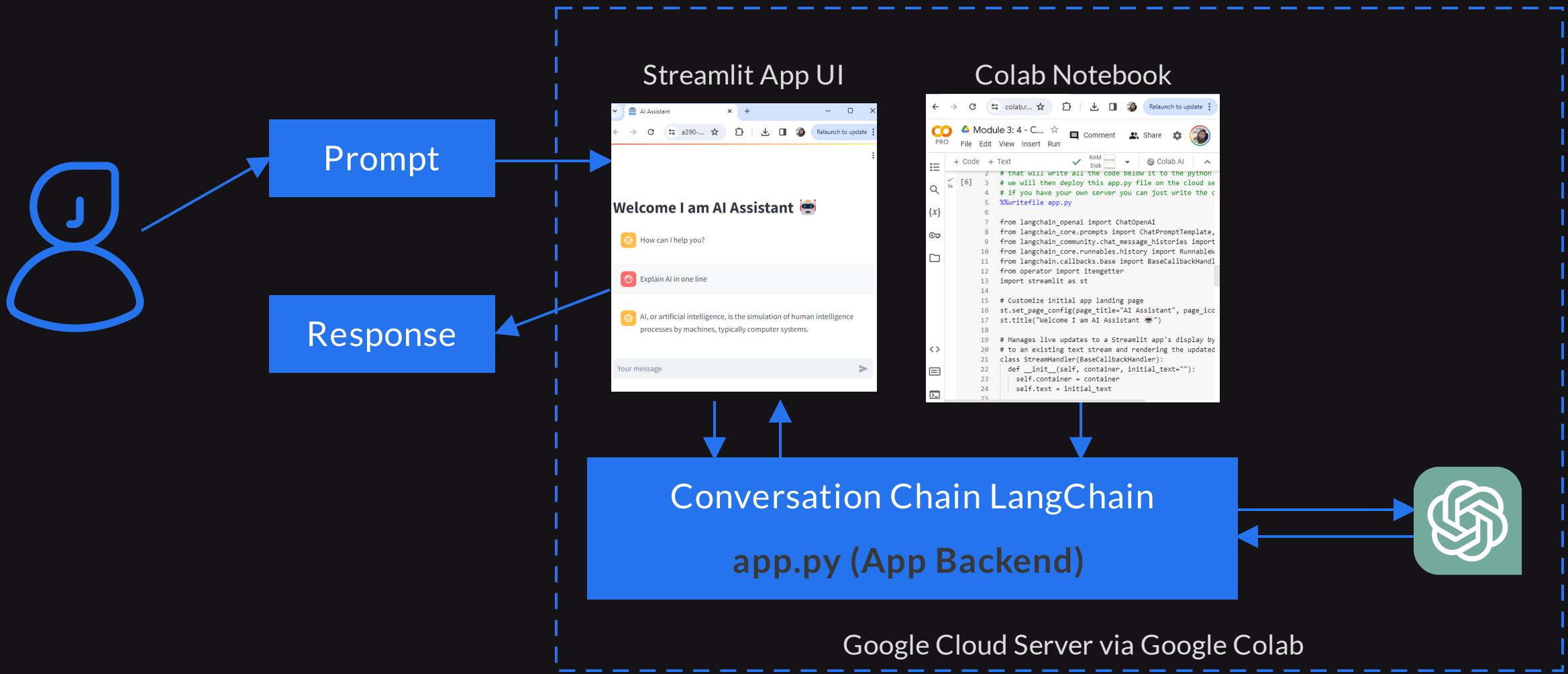


Key tools to build a UI-based Conversational Chatbot App

ngrok

[ngrok](#) to access deployed app publicly

UI-based Chatbot Architecture



Authentication Keys for App

- ChatGPT Open AI Key (or use Google Gemini or HuggingFace LLMs)
- NGrok API Key

Store ChatGPT and NGrok API Keys in YAML format

chatgpt_api_credentials.yml ×

```
1 openai_key : sk-i0SmpANG1avZYP1DBIt
```

ngrok_credentials.yml ×

```
1 ngrok_key : 1rnMGVDt6L57aU12JSqNVB  
2
```

- Store each key as key-value pairs as shown on the left side in text files
- Make sure the files have a [.yml](#) extension
- We will load these files when building apps to not expose keys publicly in the app code

Thank You
