



WhatsApp Chat BOT

Purpose

This is a ChatBot (Helper) designed to answer questions posted in on a WhatsApp group. The ChatBot understands your queries and provides the closest possible answers.

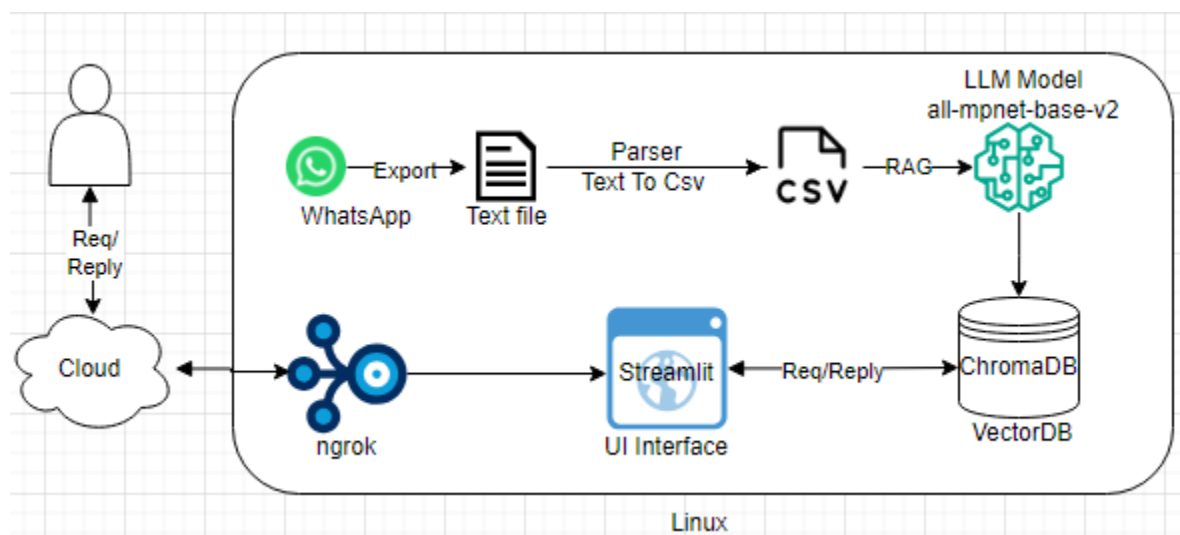
Example: Run below queries

- Google drive links
- Training Meeting Invite
- Baljeet contact details, please
- Recommended dev environment
- Quick_Chicken_Byte

Environment

- Linux
- Python3
- ChromaDB
- ngrok

Architecture



How to run?

1. Export WhatsApp messages to text file
2. Run '[wa-msg-parser.py](#)' which generates csv from text file

```
python wa-msg-parser.py
```

3. RAG csv data using '[wa-msg-producer.py](#)' and store in ChromaDB file

```
python wa-msg-producer.py
```

4. Run '[consumer.py](#)' with sample queries

```
python consumer.py
```

5. Run '[WA-Streamlit-Iface.py](#)' UI service on localhost to communicate with ChromaDB

```
streamlit run 01-streamlit-app.py
```

6. Run ngrok and expose UI interface to cloud

```
ngrok http http://localhost:8501
```