Workshop'

Samuel Berthe
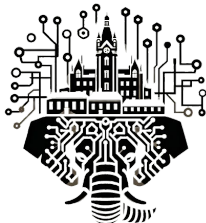*CTO @ Screeb*

Wifi:

Meetup / nantes2024

Le **10/07/2024** à **19h**
1 Boulevard de Berlin, 44000 Nantes

"Code ton premier agent conversationnel"

DIVA
European Digital Innovation Hub
Pays de la Loire

Co-funded by
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Qui n'est jamais venu au meetup Gen AI Nantes ?
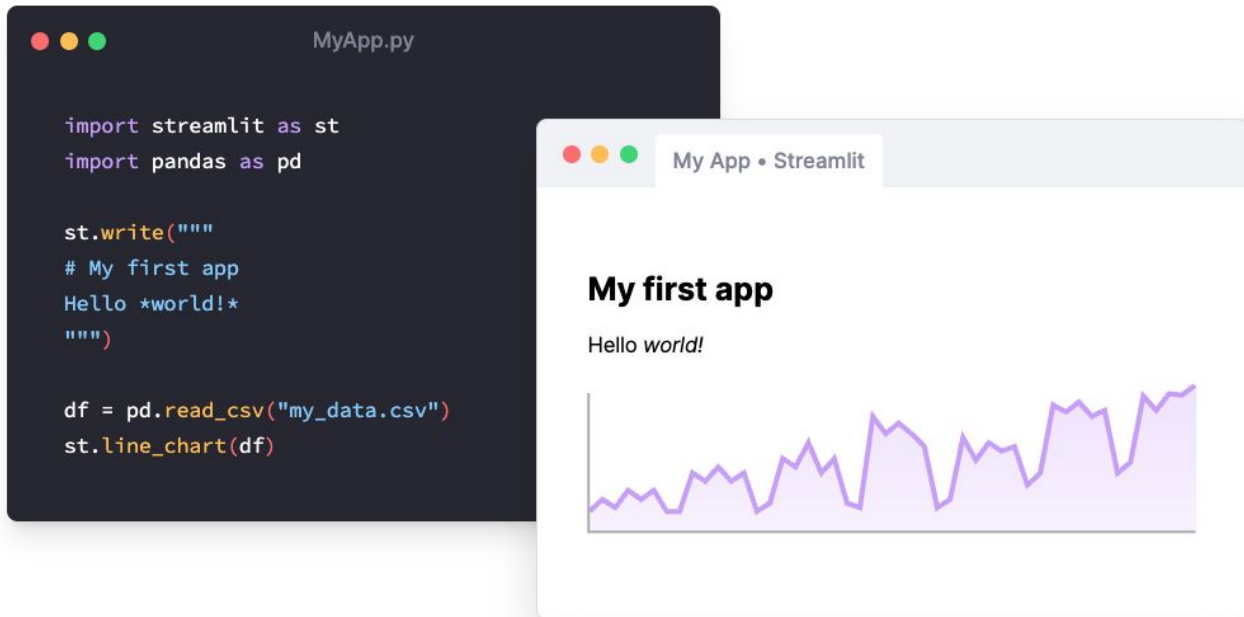
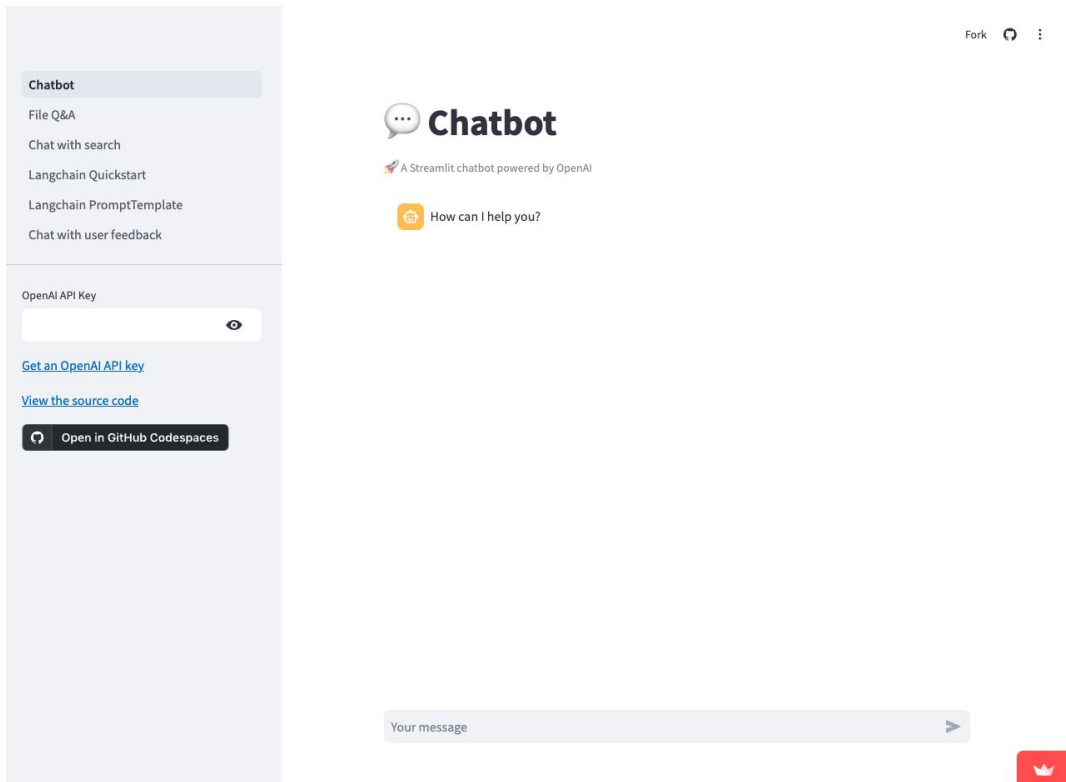# Qui fait des projets GenAI ?

Schedule

🤖 1 - Workshop

🍻 2 - Enjoy

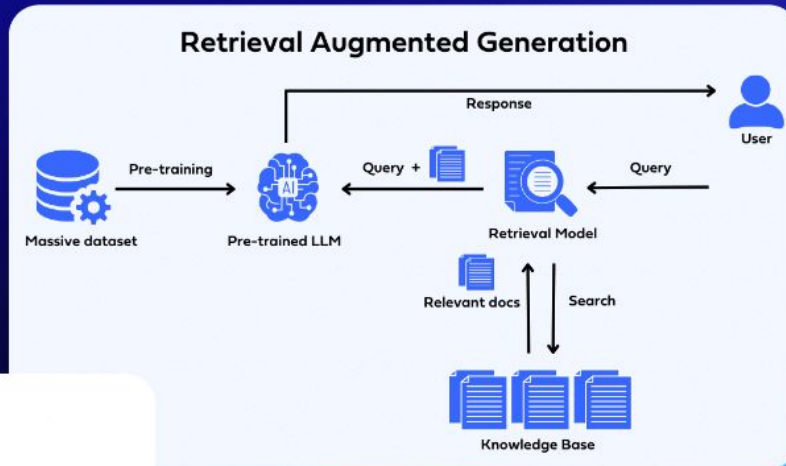# Streamlit: build simple data apps


```python
import streamlit as st
import pandas as pd

st.write("""
# My first app
Hello *world!*
""")

df = pd.read_csv("my_data.csv")
st.line_chart(df)
```

MyApp.py

My App • Streamlit

My first app

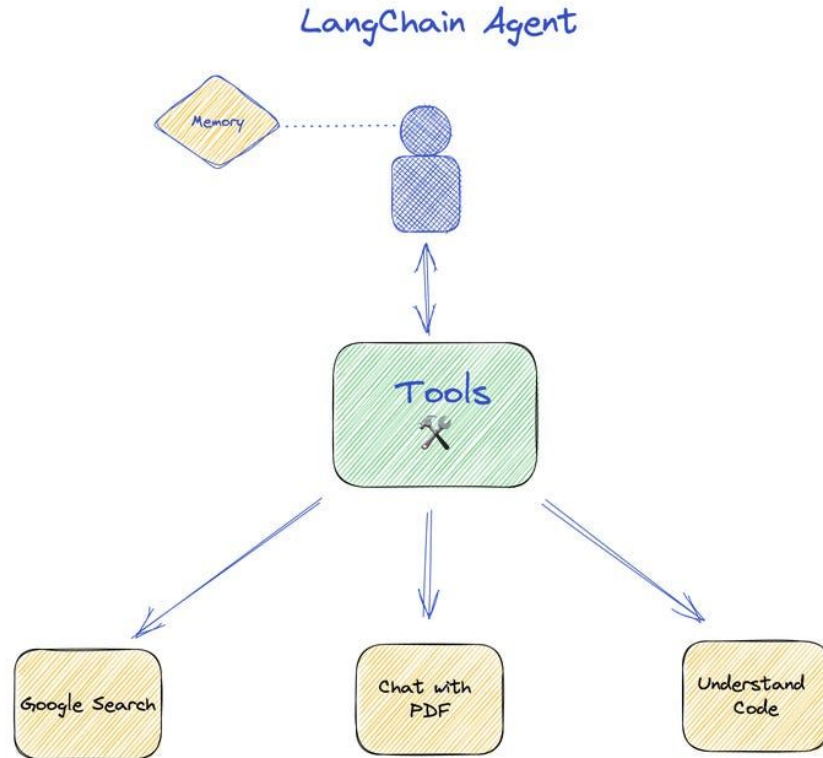Hello *world!*

Streamlit: build simple chat bots

Langchain: build RAG

Langchain: build agents

OpenAI: need a presentations? 😅

Workshop: build a chat on your data

Workshop

1 - ChatGPT-like

2 - Add a SQL agent

3 - Draw charts

4 - Deploy 🚀

```
$ sqlite3 power-generation.sqlite

sqlite> .tables
power_generation

sqlite> .schema power_generation
CREATE TABLE power_generation (
        id INTEGER PRIMARY KEY,
        timestamp INTEGER NOT NULL,
        country text NOT NULL,
        biomass_generation_mwh INTEGER DEFAULT 0,
        fossil_brown_coal_lignite_generation_mwh INTEGER DEFAULT 0,
        fossil_gas_generation_mwh INTEGER DEFAULT 0,
        fossil_hard_coal_generation_mwh INTEGER DEFAULT 0,
        fossil_oil_generation_mwh INTEGER DEFAULT 0,
        hydro_pumped_storage_generation_mwh INTEGER DEFAULT 0,
        hydro_run_of_river_and_poundage_generation_mwh INTEGER DEFAULT 0,
        hydro_water_reservoir_generation_mwh INTEGER DEFAULT 0,
        nuclear_generation_mwh INTEGER DEFAULT 0,
        other_generation_mwh INTEGER DEFAULT 0,
        other_renewable_generation_mwh INTEGER DEFAULT 0,
        solar_generation_mwh INTEGER DEFAULT 0,
        wind_onshore_generation INTEGER DEFAULT 0,
        fossil_coal_derived_gas_generation_mwh INTEGER DEFAULT 0,
        waste_generation_mwh INTEGER DEFAULT 0,
        wind_offshore_generation INTEGER DEFAULT 0,
        fossil_oil_shale_generation_mwh INTEGER DEFAULT 0,
        fossil_peat_generation_mwh INTEGER DEFAULT 0,
        geothermal_generation_mwh INTEGER DEFAULT 0,
        marine_generation_mwh INTEGER DEFAULT 0
    );
```

Let's go!

WIFI: Meetup - nantes2024

Workshop: https://github.com/**samber/workshop-streamlit**

Github Codespace: https://github.com/features/codespaces

OpenAI: sk-xxxxxxx

GPT3.5-turbo please 🙏

CONF'

Xavier Martinet

AI Research Engineer @ Meta

∞ Meta

"Les dessous de Llama 3"

Le **19/06/2024** à **19h**

Au Palace, 4 rue Voltaire, Nantes

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