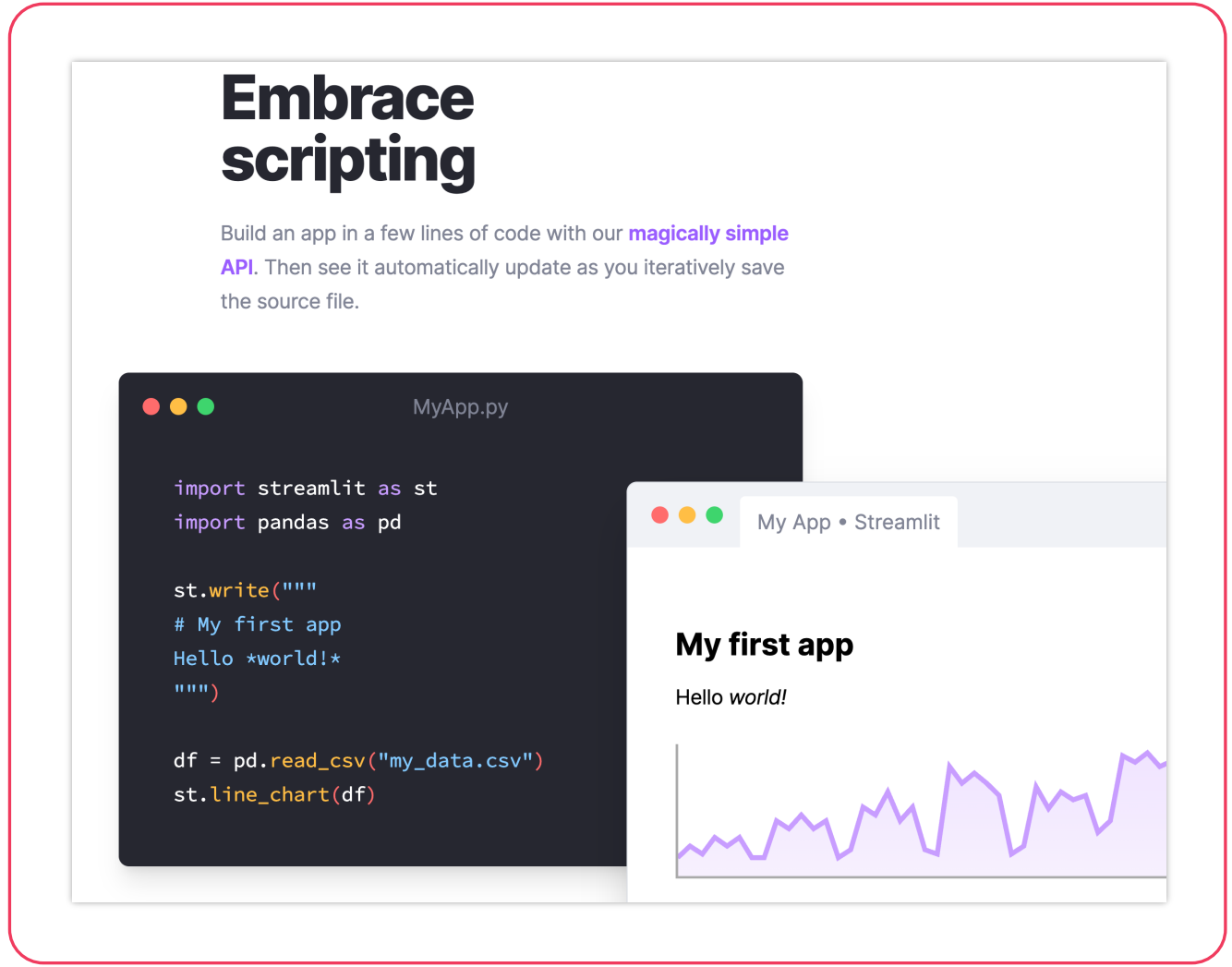
Why are Longitudes and Latitudes so smart ? 🤓

Because they have a lot of degrees 🎓 🎓 🎓

"You certainly don't need a degree to get started with Streamlit."

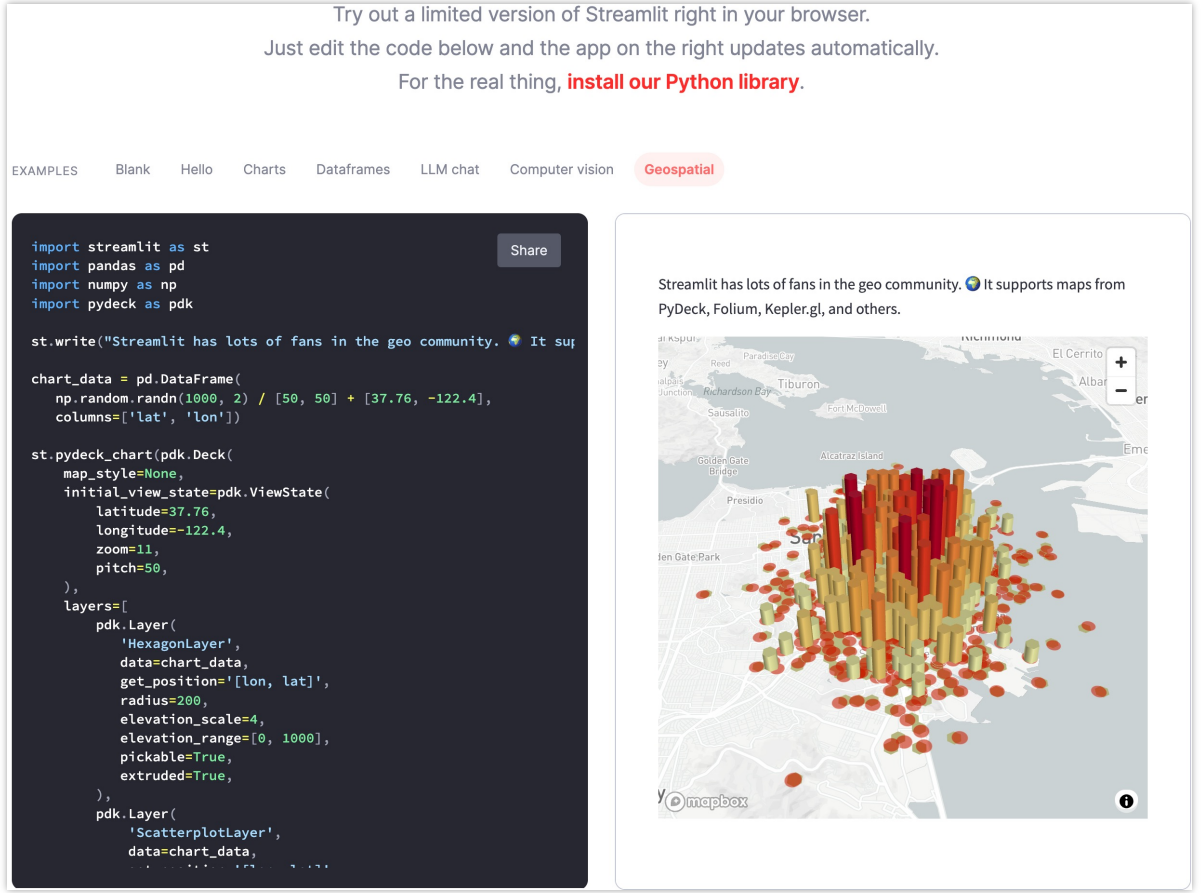
What is Streamlit 🤔

- Streamlit enables you to turn your Python scripts into Geospatial web-applications. No front-end experience is required.
- Streamlit is open source.
- You can deploy your apps for free using Streamlit Community Cloud: https://streamlit.io/cloud



Resources

- Streamlit Crash Course (25min video): https://www.youtube.com/watch?v=d7fnzDQ5qM8
- Streamlit Playground (write and run Streamlit code online): https://streamlit.io/playground
- Gallery: https://streamlit.io/gallery
- Documentation: https://docs.streamlit.io/
- Community forum: https://discuss.streamlit.io/
- Youtube channel: https://www.youtube.com/@streamlitofficial



Hello World

What is your name?

Gee Fernando

Hello Gee Fernando

When's your birthday

1989/08/18

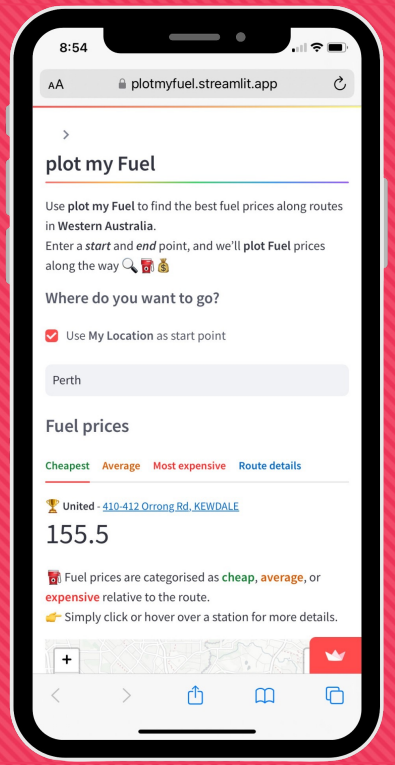
Gee Fernando is **35 years** old

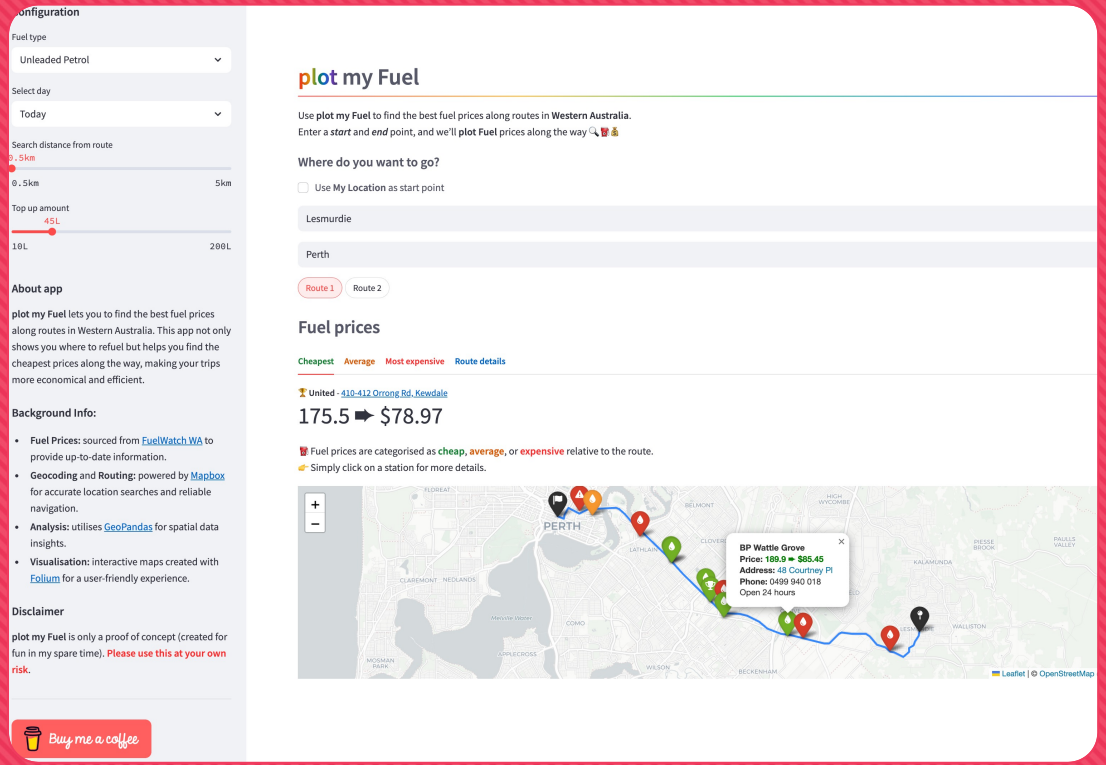
Send balloons

Where were you born?

Colombo, Sri Lanka


```python
import streamlit as st
from datetime import date
from geopy.geocoders import Nominatim
import pandas as pd

## Title ##
st.header(":rainbow[Hello World]", divider="rainbow")

## Text input ##
person_name = st.text_input("What is your name?", icon="🧑🏿")
if person_name:
    st.info(f"Hello {person_name}", icon="👋")

## Date input ##
person_birthday = st.date_input("When's your birthday", value=None, min_value=date(1900, 1, 1), max_value="today")
if person_birthday:
    today = date.today()
    person_age = today.year - person_birthday.year - ((today.month, today.day) < (person_birthday.month, person_birthday.day))
    st.info(f"{person_name} is **{person_age} years** old", icon="🎂")

    if st.button("🎈 Send balloons"):
        st.balloons()

## Geocoding and mapping ##
person_birthplace = st.text_input("Where were you born?", icon="📍")
if person_birthplace:
    geolocator = Nominatim(user_agent="my-geocoder")
    location = geolocator.geocode(person_birthplace)
    if location:
        location_dataframe = pd.DataFrame([{
            "latitude": location.latitude,
            "longitude": location.longitude
        }])
        st.map(location_dataframe)
```





plot my Fuel - https://plotmyfuel.streamlit.app/