
DJANGO
companion
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Agenda

- The idea
- The app
- The demo
- The sequence

The idea

Travel is one of the most wanted activities during vacation for many people and it is always a lot of fun! However, with so many incredible destinations in the world, it can be tricky to decide where to go and how to arrive there...

The app

So, that's why the Django Companion app was created: to help you find out where to go to on your next trip based on your preferences and interests.
It will also search for available flights so you can get there!

Code Features

Python

Cities Dataset
Kaggle

Google Flights
API

Cities Dataset

560 cities featuring the following information:

- id, city, country, region
- short_description
- latitude, longitude
- ideal_durations
- budget_level
- interest
- weather

Coding steps:

Wrangling

Filtering cities dataset

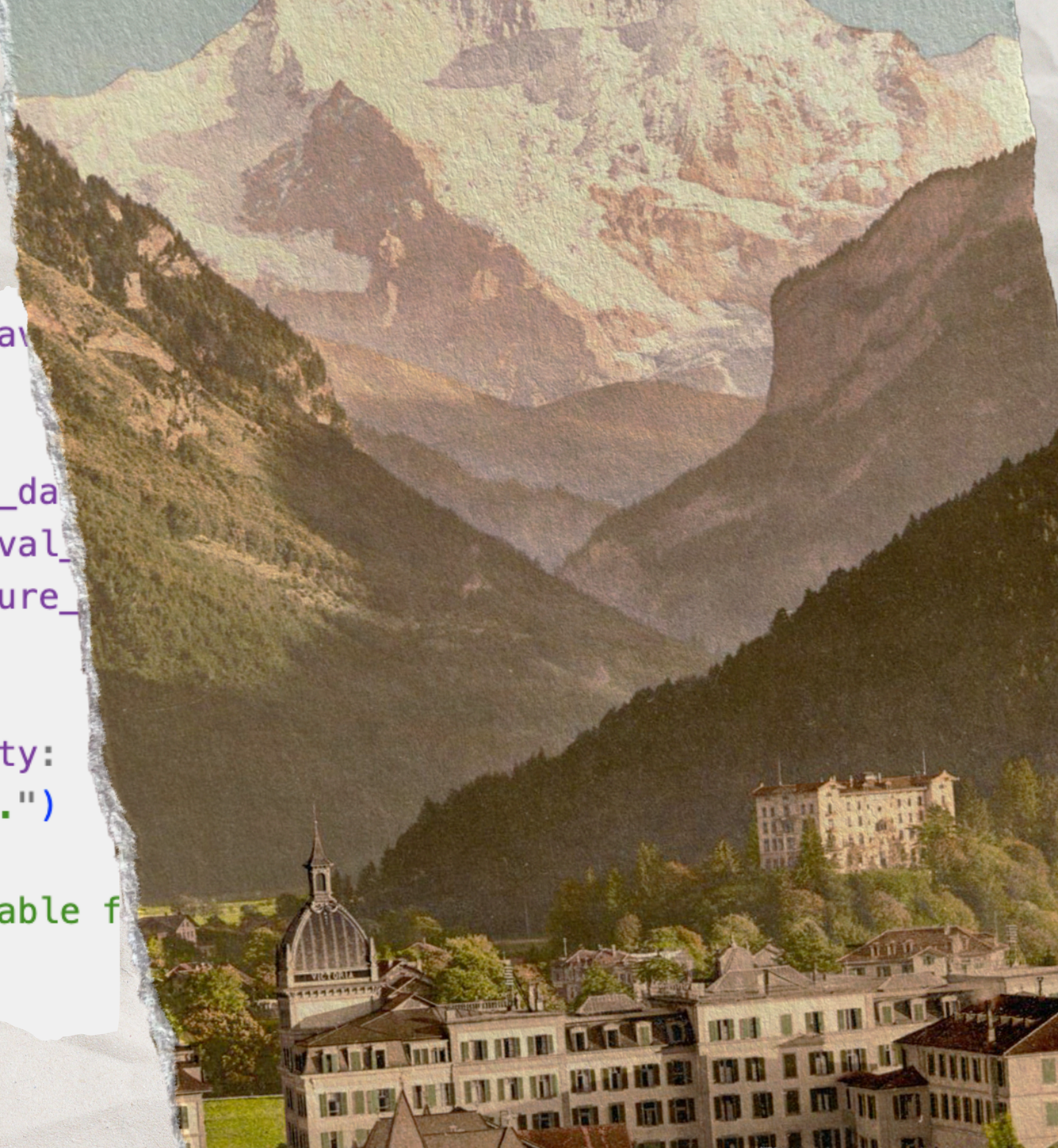
API implementation

Functions definition

The demo

```
ssage, cities_df    ter_df(trav
print(message)
display(cities_df)
departure_code, arrival_code, dep_da
print(departure_code, " - ", arrival_
API_result = check_airport(departure_

flights = get_df(API_result)
if flights is None or flights.empty:
    print("Please restart the app.")
lse:
        Here are the top available f
        flights)
        ight()
```



The sequence

1. Implement return flight search
2. Include hotels search
3. Include activity search according user's interest
4. Provide table with flight, hotel and activities expenses

Q&A

Thank you!

Django

in memoriam

Laura