

INTRODUCTION

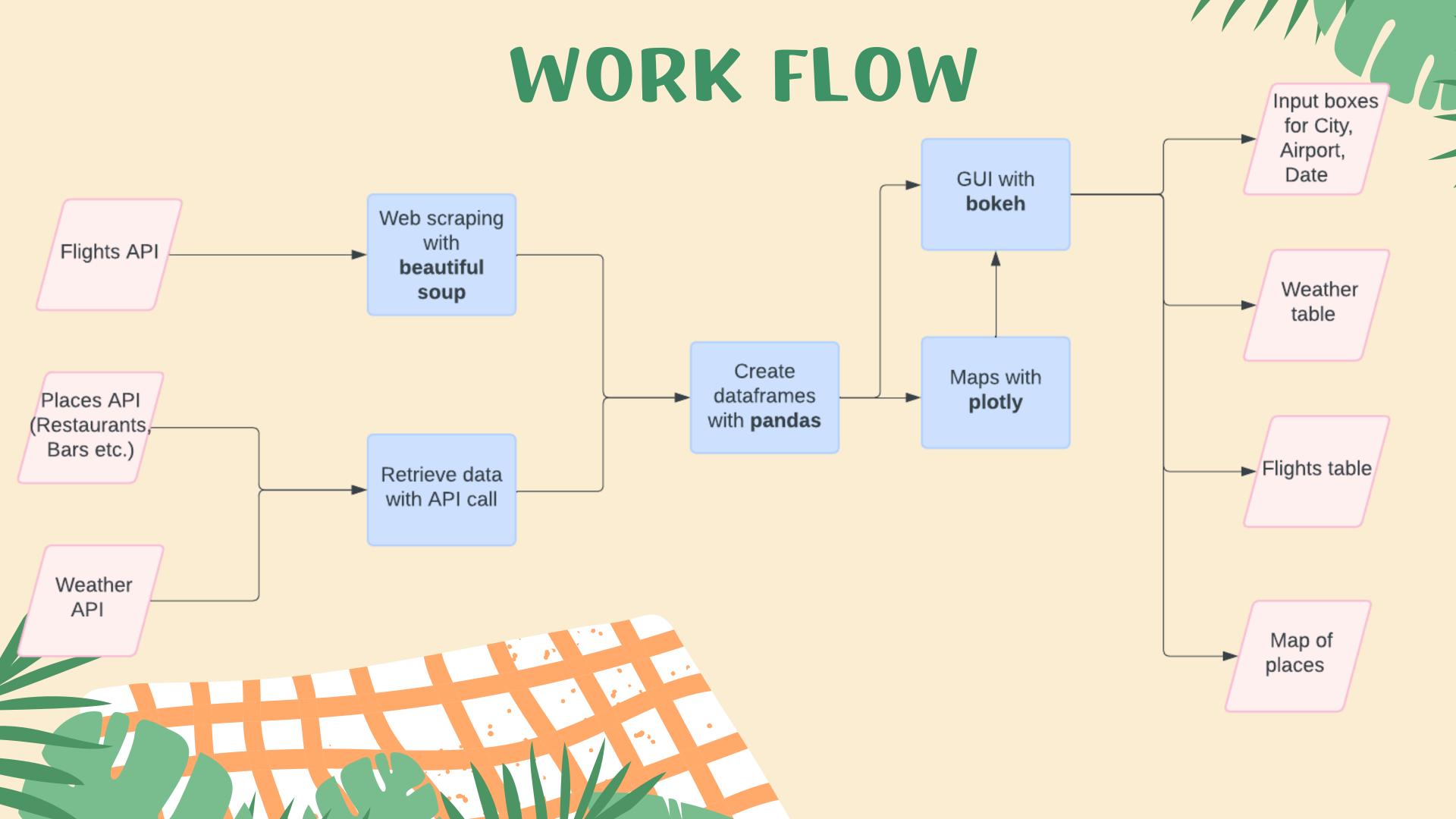


- Vacationing for 7 days
- Tropical destination
- Want to explore clubs, restaurants, bars
- Weather forecast
- Flight details

Aims:

- User inputs city & airport, chooses dates and flight details are shown
- User can see a map of bars & main airports, as well as a table of the weather forecast & flight details









• OpenAI's ChatGPT:

- First time creating GUI became familiar with the Bokeh library
- o Connecting the API data and analysis with GUI
- Researched best API for weather and places

• DeepAI:

o To generate the logo

PROGRESS - GUI



Holidays by Sunny Side Up

Afrigort: ATH Select a date range: 024-06-09 to 2024-06-15 Discover this city Best week based on high temperature: Athens, starting from 2024-06-09 with average temp 30.7°C. Best week based on low humidity: Crete, starting from 2024-06-09 with average humidity 23.9%. Best week based on low wind speed: Athens, sarting from 2024-06-09 with average wind speed 14.7 kph. # City Date Temperature Humidity Condition Wind Speed 4 Athens 2024-06-06 27.3 40 Patchy rain nea 13 Athens 2024-06-07 26.4 48 Patchy rain nea 23.8	City:							
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IF FOOTAGE IS NOT WORK, TRY THIS

LINK:

HTTPS://WWW.CANVA.COM/DESIGN/DAG

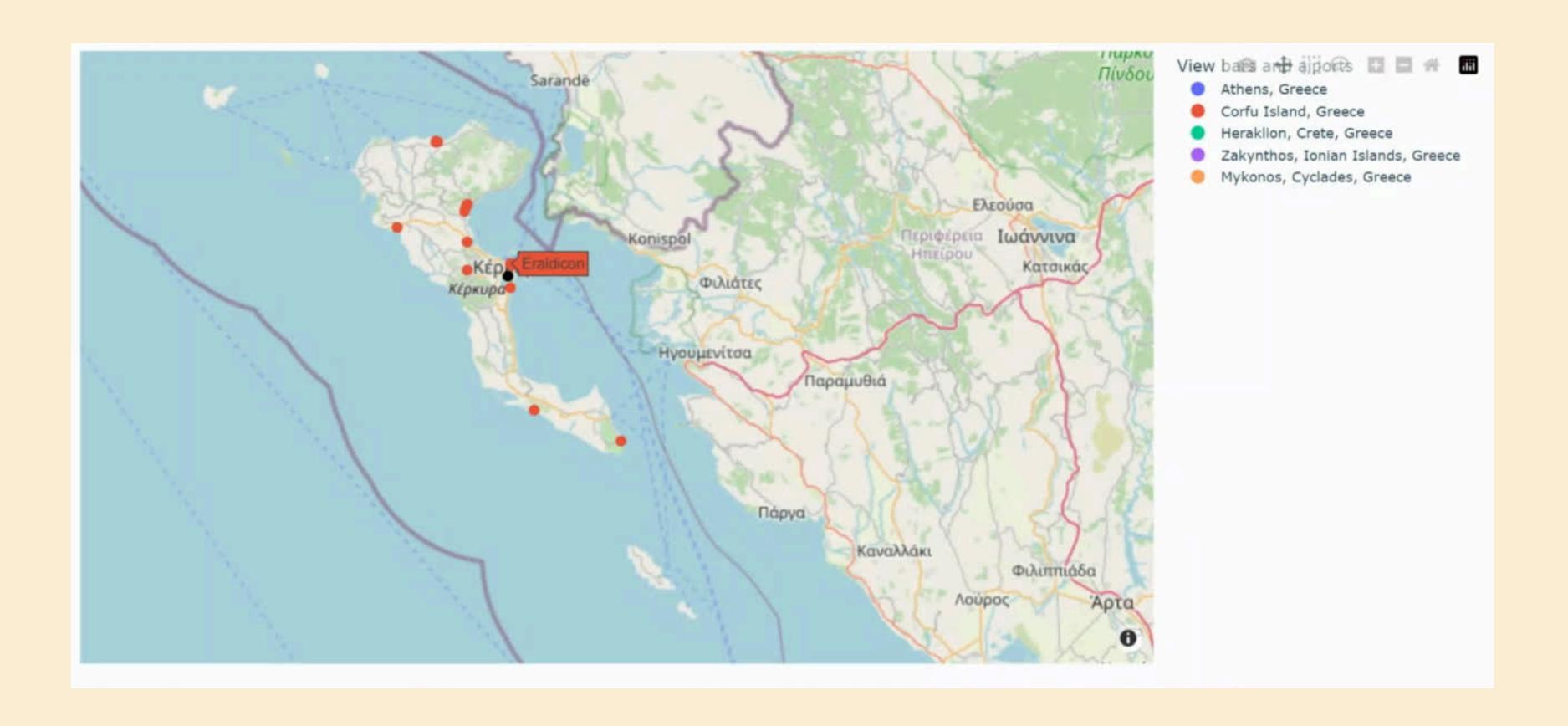
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Q/EDIT?

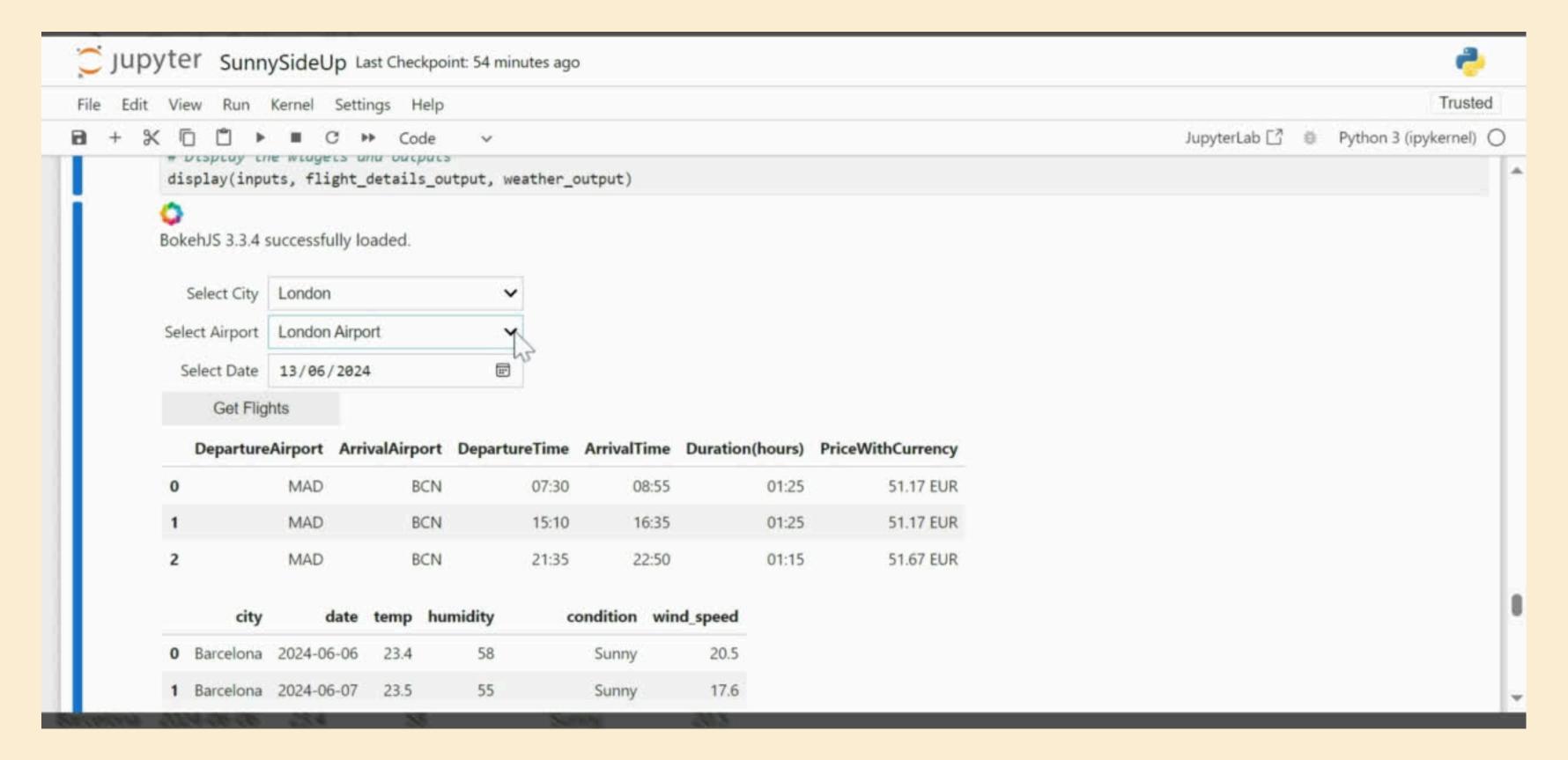
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PROGRESS - PLACES API MAP



PROGRESS - INTERACTIVITY



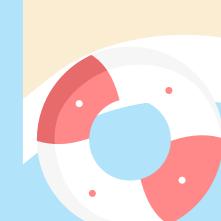


CONCLUSIONS















- Overall, we needed more time to integrate the API data with the GUI
 - Our GUI works with 'manually' created lists and dictionaries but not very well with the data that we fetched through web scraping / API calls..
- Needed to self learn GUI as well as APIs
 - There are many frameworks such as Tkinter, Flask, Bokeh etc with their own mechanisms
 - More time is needed to become more familiar and make a wellinformed decision on which framework is best

LESSONS LEARNED & REFLECTIONS

Start with a smaller scope (i.e. omit flight details until later)

Integrate the APIs and GUI section by section

Update your Jupyter
Notebook (or make sure
your group are all on
the same version)

With more time we could potentially:

properly connect the API data with the GUI, add historical weather data/extended forecasts, optimise the data fetching, make the interface more visually appealing

