

## Journey AI

An AI-based web app that allows user to input their desired detail for their next travel and get suggestions based on those detail. API is based on RestAPI and Server is running Flask with Python programming language.

Main.py :

**This file is the main API file that gets 3 data from the server and gives 6 suggestions based on those data in the form of a JSON file.**

JSON file format is like the following.

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```
{1 :  
  {name:  
    {en: {county: France, city: Paris},  
    fa: {faCounty: فرانسه, faCity: پاریس}}},  
  
  {weather: weather information},  
  
  {info: some information about the city}  
  
  {image:  
    {a: link_a},  
    {b, link_b},  
    {c, link_c}},  
2: ...
```

---

Chatgpt.py :

**This is the ai part of our app that works with the help of chatgpt/openai api**

Way of collecting data: Open Ai Api

Gets: weather, biome, budget

Returns: 6 cities in a json formatted string

Wiki.py :

**Searches for the city's information on Wikipedia**

Way of collecting data: web scraping with beautifulsoup4 library

Gest: city's name

Returns: city's info as string

Unsplash.py :

**Searches for images of the city in unsplash Api and return 3 of the matches**

Way of collecting data: Unsplash Api

Gets: city's name

Returns: 3 links of relatable images

Openweather.py :

**Give the weather information of the selected city**

Way of collecting data: Openweather Api

Gets: city's name

Returns: city's weather info in string format

## Journey AI Flowchart

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