

Installation & User Guide

This app has been tested on Windows10 and Mac OS.

Step1: Create Virtual Environment & Install Dependent Libraries

Download and install the Anaconda from: <https://www.anaconda.com/products/individual>

In your terminal enter the following

> conda create -n travelhelper python=3.6

> conda activate travelhelper

> cd Travel-Helper

> pip install -r requirements.txt

Step2: Getting Credentials for API

Subscribe three kinds of APIs

Flight API

<https://rapidapi.com/tipsters/api/priceline-com-provider/>

RapidAPI Search for APIs

Priceline com Provider FREEMIUM
By Tipsters CO | Updated 13 days ago | Travel

Popularity 9.5 / 10 Latency 930ms Service Level 100%

Endpoints About Tutorials Discussions Pricing

Subscribed

Priceline com Provider API Documentation
[priceline.com](https://rapidapi.com/tipsters/api/priceline-com-provider/) | Lets you search hotels, cars for rent, flights. Support: tipsters@rapi.one

Search endpoints

cars-rentals

GET Search locations

GET Search car rentals

flights

hotels

GET Search locations

Test Endpoint

Search locations by name

Personal Account 赫明洋

RapidAPI App default-application_5701680 REQUIRED

Request URL rapidapi.com REQUIRED

Header Parameters

Code Snippets Example Responses Results

(Node.js) Axios Copy Code


```
var axios = require("axios").default;

var options = {
  method: 'GET',
  url: 'https://priceline-com-provider.p.rapidapi.com/v1/cars-rentals/locations',
  params: { name: 'London' },
  headers: {
    'x-rapidapi-host': 'priceline-com-provider.p.rapidapi.com',
    'x-rapidapi-key': 'fd7728f41msh77fa3678cc2b1ep13a421jsn219d6c'
  }
};

axios.request(options).then(function (response) {
  console.log(response.data);
}).catch(function (error) {
  console.error(error);
});
```

Hotel API & Places of Interest

<https://rapidapi.com/apidojo/api/travel-advisor>

**Travel Advisor** FREEMIUM
By [Api Dojo](#) | Updated a month ago | [Transportation](#)

Popularity: 9.8 / 10 | Latency: 1,336ms | Service Level: 100%

[Endpoints](#) | [About](#) | [Tutorials](#) | [Discussions](#) | [Pricing](#) | [Subscribed](#)

Travel Advisor API Documentation

This API helps to query realtime Flights prices, Hotels booking, Restaurants, Attracting locations, etc... to create a travelling site like tripadvisor.com

GET locations/v2/auto-complete

GET locations/auto-complete (Deprecating)

POST locations/v2/search

GET locations/search (Deprecating)

hotels

restaurants

attractions

shared

Test Endpoint

List suggested locations by term or phrase

Personal Account

赫明洋

RapidAPI App

default-application_5701680

REQUIRED

Request URL

rapidapi.com

REQUIRED

Code Snippets

Results

(Node.js) Axios

Copy Code

```
var axios = require("axios").default;

var options = {
  method: 'GET',
  url: 'https://travel-advisor.p.rapidapi.com/locations/v2/auto-complete',
  params: {query: 'eiffel tower', lang: 'en_US', units: 'km'},
  headers: {
    'x-rapidapi-host': 'travel-advisor.p.rapidapi.com',
    'x-rapidapi-key': 'fd7728f4f1msh77fa36787cc2b1ep13a421jsnf515fcZ19d6c'
  }
};

axios.request(options).then(function (response) {
```

Step3: Command Line

> cd SystemCodes

> streamlit run test.py

and then you can a web page will appear

Step4: type your information in the web page

Please tell us where/when do you want to go

I want to leave from Beijing to Shanghai on 24 Dec 2021



Please tell us some details about your journey

I prefer Economic cabin. We have three people in total. This is a single trip



Let's go

Then click “Let’s go”, you will be on your journey!