

Assignment 2 'Rest API'

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2. curl

'https://api.weatherbit.io/v2.0/current?lat=51.279999&lon=1.080000&key=b9754da1cc81445baf08be2069dae0c2&include=hourly'

▼ object {2}

count : 1

▼ data [1]

▼ 0 {38}

app_temp : 9.4

aqi : 42

city_name : Canterbury

clouds : 91

country_code : GB

datetime : 2023-02-01:14

dewpt : 2.9

dhi : 73.91

dni : 649.96

elev_angle : 17.26

ghi : 259.37

gust : 15.329293

h_angle : 36

lat : 51.28

lon : 1.08

ob_time : 2023-02-01 14:00

pod : d

precip : 0

pres : 1014.7328

rh : 65

slp : 1023.40643

snow : 0

solar_rad : 108.8

▼ sources [2]

0 : analysis

1 : AV384

state_code : ENG

station : AV384

station : AV384

sunrise : 07:32

sunset : 16:45

temp : 9.4

timezone : Europe/London

ts : 1675260036

uv : 0.5939528

vis : 16

▼ weather {3}

icon : c04d

description : Overcast clouds

code : 804

wind_cdir : W

wind_cdir_full : west

wind_dir : 281

wind_spd : 8.48198

3.

4. This is the data about the current weather (1st February 2023 at 14:00) in Canterbury, UK with a latitude = 51.28 and longitude = 1.08, snow 0%, sunrise at 07:32, and sunset at 16:45, a current temperature of 9.4 degrees C and has overcast clouds with wind from the west and wind speed of 8.48198 km/hr

5. How to obtain your REST API

a. Create an account on the website to receive the API key

<https://www.weatherbit.io/account/create>

b. Click on the API documentation to get the

- c. Click on the current weather api documentation
- d. Use \$ curl function to get JSON data
- e. <https://api.weatherbit.io/v2.0/current?lat=51.279999&lon=1.080000&key=b9754da1cc81445baf08be2069dae0c2&include=hourly>