

The external services that I choose are Tian API, data.gov.hk's API and Google API

Currently, I already used the Tian api to get the detail information of the confirmed case of coronavirus in different countries.

I am planning to used api in the data.gov.hk to get building and district of the people who is confirmed to have coronavirus. Combined with Google geocoding api/ Map static api, I can reply a location for the user or reply an image which is a map including some marks of building where these confirmed case have been to.

About the implement of these service, I already complete the test code in the file called test.py. And I learned from following websites:

<https://www.youtube.com/watch?v=qkSmuquMueA&t=1490s>

<https://www.youtube.com/watch?v=PtV-ZnwCjT0&t=21s>

Tian API: <https://www.tianapi.com/gethttp/176>

[data.gov.hk: https://data.gov.hk/en-data/dataset/hk-dh-chpsebcddr-novel-infectious-agent/resource/3b5a7266-9d35-4d9c-a31c-b5208be4fdc9](https://data.gov.hk/en-data/dataset/hk-dh-chpsebcddr-novel-infectious-agent/resource/3b5a7266-9d35-4d9c-a31c-b5208be4fdc9)

Google geocoding API: <https://developers.google.com/maps/documentation/geocoding/start>

Google map static API: <https://developers.google.com/maps/documentation/maps-static/intro>