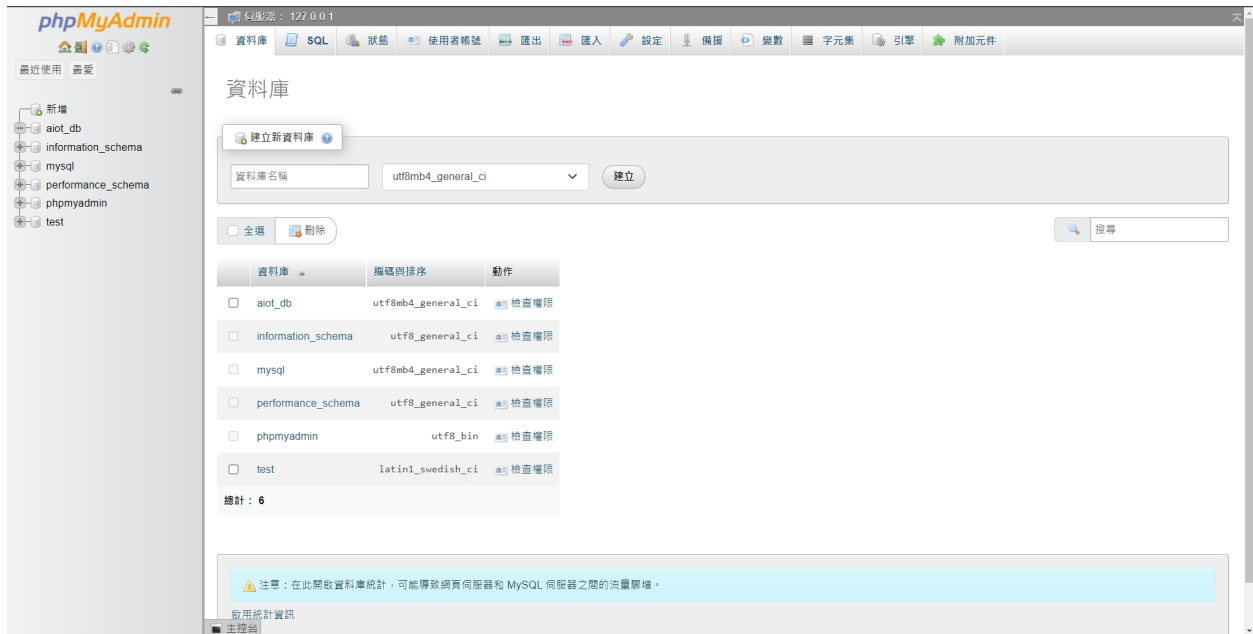


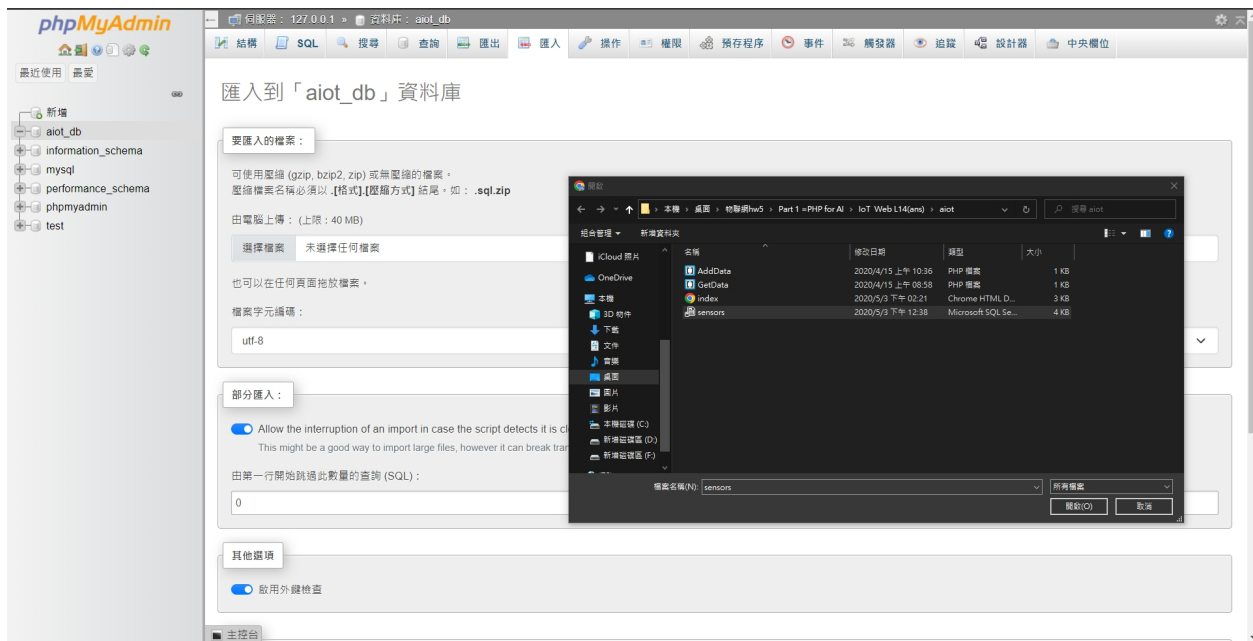
NCHU-IOT-HW5

Part1

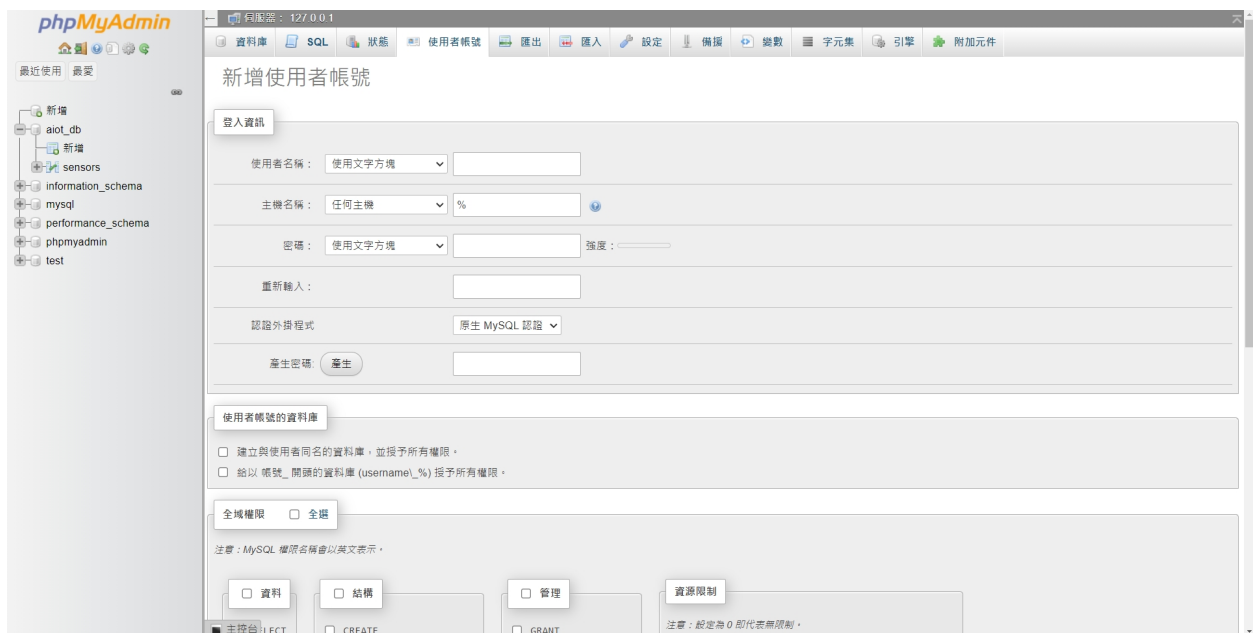
新增資料庫



匯入sensor



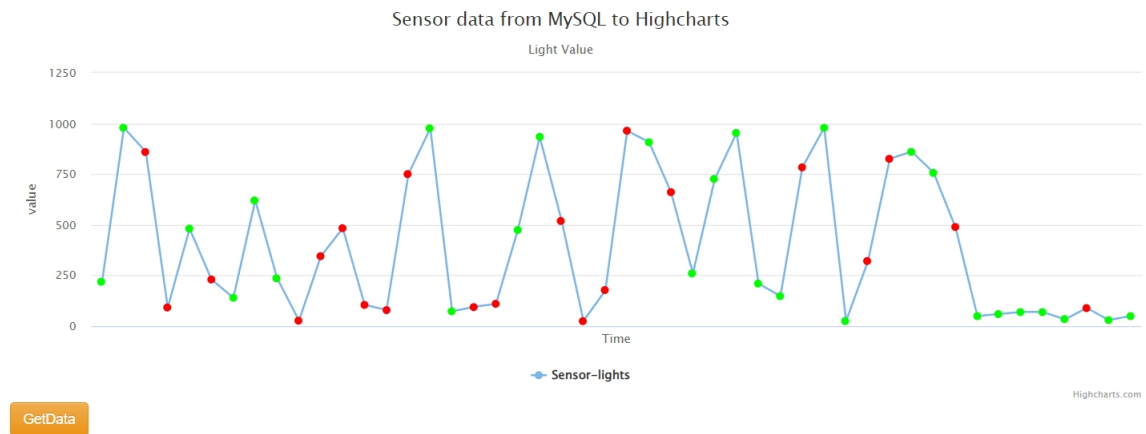
新增使用者帳號



👤 使用者帳號一覽

	使用者名稱	主機名稱	密碼	全域權限 ①	使用者群組	允許授權(Grant)	動作		
<input type="checkbox"/>	任何	%	否 ②	USAGE		否	編輯權限	匯出	Lock
<input type="checkbox"/>	pma	localhost	否	USAGE		否	編輯權限	匯出	Lock
<input type="checkbox"/>	root	127.0.0.1	否	ALL PRIVILEGES		是	編輯權限	匯出	Lock
<input type="checkbox"/>	root	:::1	否	ALL PRIVILEGES		是	編輯權限	匯出	Lock
<input type="checkbox"/>	root	localhost	否	ALL PRIVILEGES		是	編輯權限	匯出	Lock
<input type="checkbox"/>	test123	%	是	ALL PRIVILEGES		是	編輯權限	匯出	Lock
<input type="checkbox"/>	test123	%localhost	是	ALL PRIVILEGES		是	編輯權限	匯出	Lock
<input type="checkbox"/>	test123	localhost	是	ALL PRIVILEGES		是	編輯權限	匯出	Lock

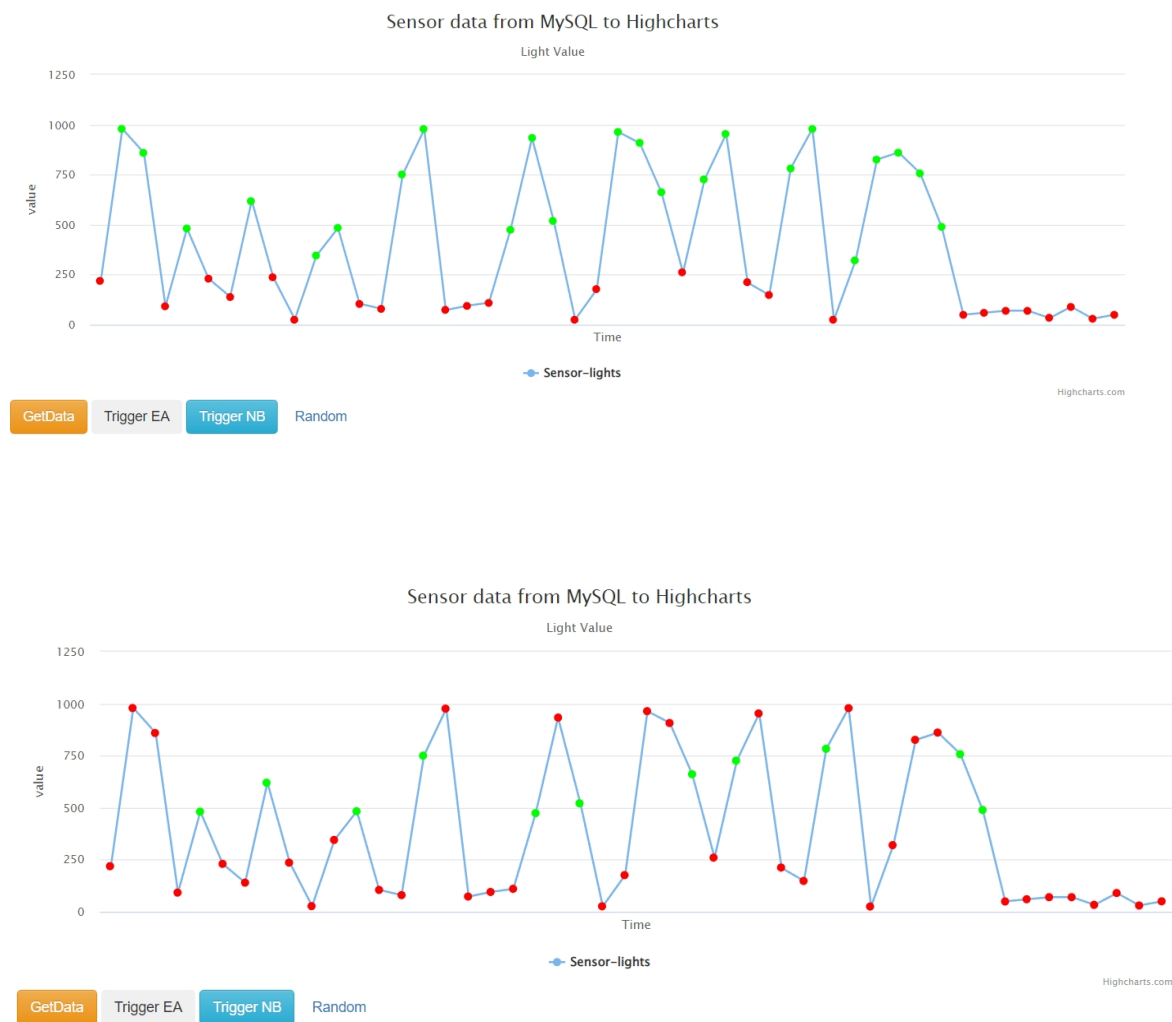
測試結果



Part2

```
(base) C:\Users\user>pip install pymysql
Collecting pymysql
  Downloading PyMySQL-1.0.2-py3-none-any.whl (43 kB)
    ----- 43.8/43.8 kB 143.5 kB/s eta 0:00:00
Installing collected packages: pymysql
Successfully installed pymysql-1.0.2

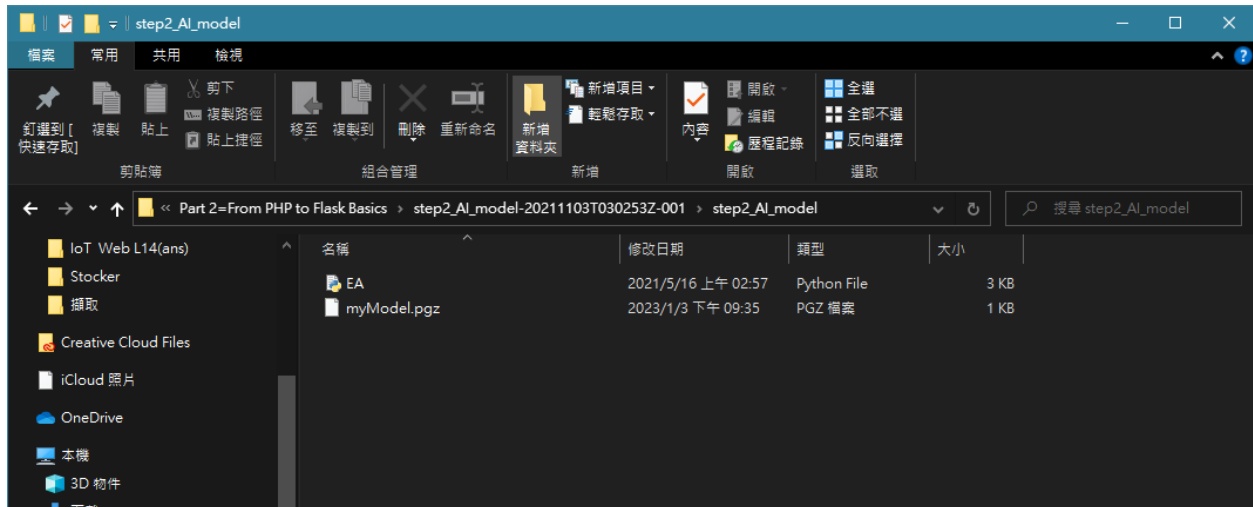
(base) C:\Users\user>pip install pymysql numpy scikit-learn pandas
Requirement already satisfied: pymysql in c:\users\user\anaconda3\lib\site-packages (1.0.2)
Requirement already satisfied: numpy in c:\users\user\anaconda3\lib\site-packages (1.24.1)
Requirement already satisfied: scikit-learn in c:\users\user\anaconda3\lib\site-packages (1.0.2)
Requirement already satisfied: pandas in c:\users\user\anaconda3\lib\site-packages (1.4.4)
Requirement already satisfied: threadpoolctl>=2.0.0 in c:\users\user\anaconda3\lib\site-packages (from scikit-learn) (2.2.0)
Requirement already satisfied: joblib>=0.11 in c:\users\user\anaconda3\lib\site-packages (from scikit-learn) (1.1.0)
Requirement already satisfied: scipy>=1.1.0 in c:\users\user\anaconda3\lib\site-packages (from scikit-learn) (1.9.1)
Requirement already satisfied: python-dateutil>=2.8.1 in c:\users\user\anaconda3\lib\site-packages (from pandas) (2.8.2)
Requirement already satisfied: pytz>=2020.1 in c:\users\user\anaconda3\lib\site-packages (from pandas) (2022.7)
Requirement already satisfied: six>=1.5 in c:\users\user\anaconda3\lib\site-packages (from python-dateutil>=2.8.1->pandas) (1.16.0)
```



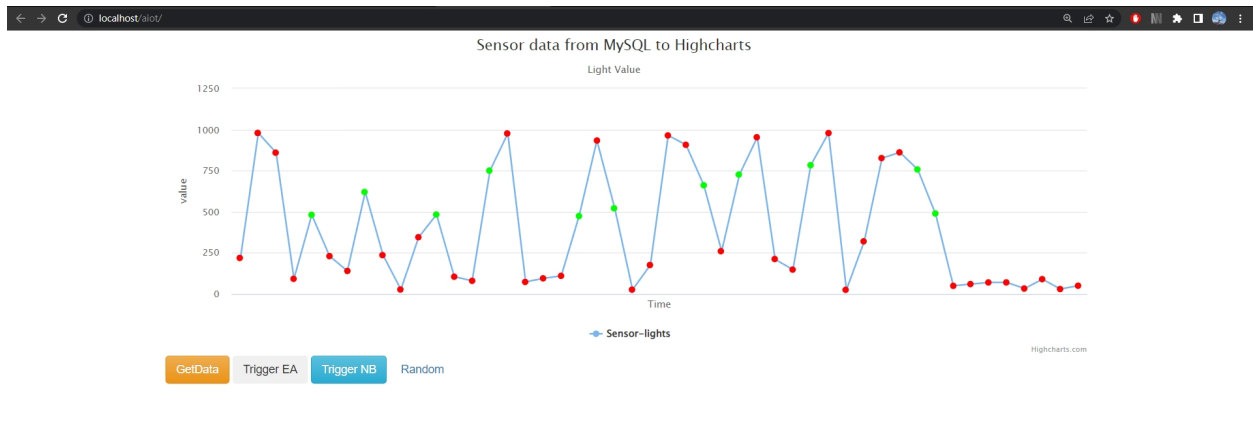
Part3

```
import pickle
import gzip
with gzip.GzipFile('./myModel.pgZ', 'w') as f:
    pickle.dump(model, f)
```

將模型移到ea.py的資料夾裡

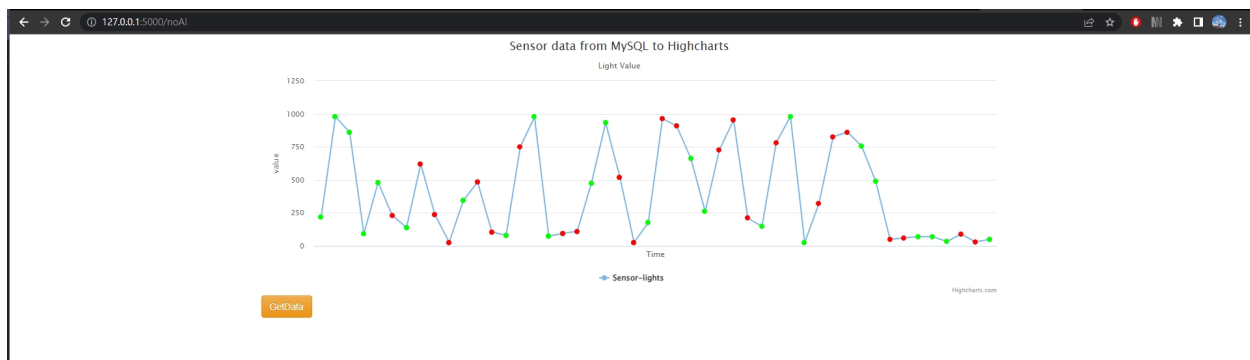


網頁結果

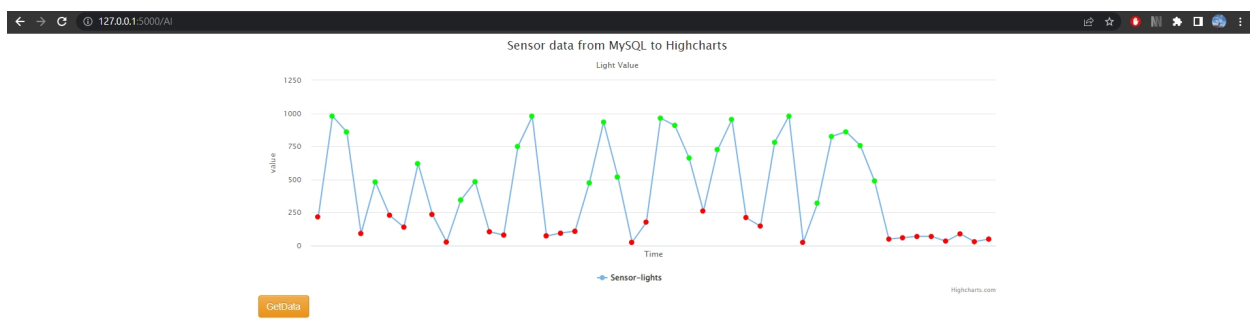


Part4

No AI



AI



Part5

```

C:\Users\user\Desktop\物联网hw5\Part 2=From PHP to Flask Basics\step4_flask_AIoT-20211103T030259Z-001\step4_flask_AIoT\nngrok.exe - ...
nngrok
Visit http://localhost:4040/ to inspect, replay, and modify your requests

Session Status      online
Session Expires    1 hour, 50 minutes
Terms of Service    https://nngrok.com/tos
Version             3.1.0
Region             Japan (jp)
Latency             67ms
Web Interface       http://127.0.0.1:4040
Forwarding           https://fd69-218-187-69-98.jp.nngrok.io -> http://localhost:80

Connections
  ttl   opn   rt1   rt5   p50   p90
    2     0    0.00  0.00  2.72  5.43

HTTP Requests
-----
GET /favicon.ico    200 OK
GET /favicon.ico    200 OK
GET /                302 Found
  
```

ngrok

online

Inspect

Status

Documentation

You are using ngrok without an account. Your session will end in 1 hour, 50 minutes. [Sign up](#) for longer sessions.

Filter by

All Requests

Clear Requests

GET /favicon.ico	200 OK	1.18ms
GET /favicon.ico	200 OK	7.29ms
GET /	302 Found	1.09ms

9 minutes ago

Duration 7.29ms

IP 218.187.69.98

GET /favicon.ico

Summary

Headers

Raw

Binary

Replay

200 OK

Summary

Headers

Raw

Binary

30894 bytes image/x-icon

