

2021總統盃黑客松經濟部資料協力單位介紹(1/2)

(2021 Presidential Hackathon- the Introduction of data collaboration partners)

一、機關名稱：經濟部
(Agency) (Ministry of Economic Affairs)



二、可提供的資料類別：(Available data categories)

- 1.資料集(datasets)
- 2.OpenAPI

三、哪裡找的到：(The place to find)

政府資料開放平臺>經濟部(Government Data Opening Platform>MOEA)

<https://data.gov.tw>

四、如何申請/取得：(The way to apply/acquire)

商工Open API介接服務需填寫使用告知信，審核無誤後才可介接使用。
其餘網站上所有資料集及服務皆可免費下載使用，無需申請。

Applying commercial and industrial Open API connection service, please fill in an acknowledgment letter and return to get approval.

Other datasets and services on the websites can be downloaded for free, and no need to apply.

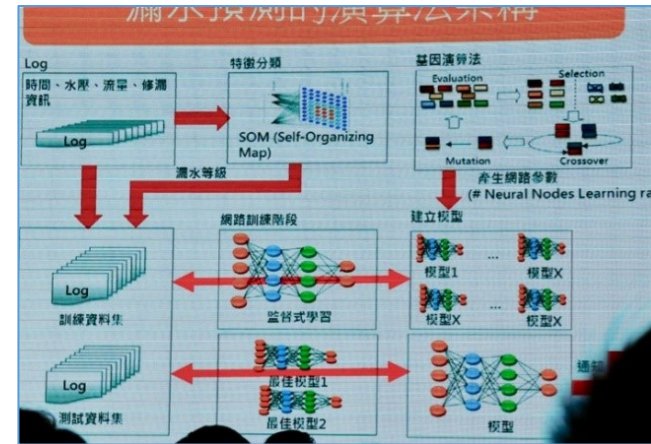
2021總統盃黑客松經濟部資料協力單位介紹(2/2)

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五、運用案例(Application Cases)

■ 搶救水寶寶(WATER SAVIOUR)

- 使用大數據及機器學習偵測自來水漏水
Using big data and machine learning to detect water leakage.
- 由供水監控系統與自動讀表系統即時取得資料，亦整合政府開放資料，建構漏水偵測輔助系統
Obtaining real-time data of water supply from supervisory control and data acquisition system(SCADA) and automatic meter reading system (AMR).It also integrates government open data to build a leak detection assistance system.



■ 黑豬的SEO(Open Source SEO)

- 整合政府開放資料集，使用關鍵字優化技術(SEO)，並優化商家銷售頁關鍵字及內容。
Integrating government open data sets and using search engine optimization to promote merchant websites.
- 協助商家增加搜尋曝光度，並增加潛在客戶。
Helping merchants to increase search visibility and potential customers.

