作業1：

請上 Kaggle, 在 Competitions 或 Dataset 中找一組競賽或資料並寫下：

LANL Earthquake Prediction

<https://www.kaggle.com/c/LANL-Earthquake-Prediction>

1. 你選的這組資料為何重要

要是可以預測地震就不會遭受大的生命威脅和損失

1. 資料從何而來 (tips: 譬如提供者是誰、以什麼方式蒐集)
2. 提供者：[Los Alamos National Laboratory](https://www.lanl.gov/)
3. The data comes from a well-known experimental set-up used to study earthquake physics.

3. 蒐集而來的資料型態為何

* acoustic\_data - the seismic signal [int16]
* time\_to\_failure - the time (in seconds) until the next laboratory earthquake [float64]
* seg\_id - the test segment ids for which predictions should be made (one prediction per segment)

4. 這組資料想解決的問題如何評估

The goal of this competition is to use seismic signals to predict the timing of laboratory earthquakes.