## AloT Lecture 9 Ensemble and Random Forest/Deep Learning介紹

Decision Tree / Entropy, Gini metrics

## ▼ 0. 前言

- 1. Google Meet [會議google Meet https://meet.google.com/qjv-fvrx-rka
- 2.
- 3. 請至ilearning 下載 Lecture 8 講義
- $4. \ \underline{https://docs.google.com/forms/d/e/1FAlpQLSfvE4tSMXzahbtSpXcVh\_RJooPMjVnLizCfxBWHsbxpFhLRcw/viewform.} \\$
- 5. https://reurl.cc/5pYO0y
- 6. https://meet.google.com/bnv-fdeg-xcr
- 7. (O) https://meet.google.com/mtb-jesm-uak
- 8. Code github = <a href="https://github.com/huanchen1107">https://github.com/huanchen1107</a>
- 9. https://github.com/huanchen1107/1028 Transfer Learning Lecture
- 10. https://github.com/huanchen1107/1028\_Transfer\_Learning\_Lecture/blob/master/(Q)IET\_Transfer learning\_實作.pdf
- 11. https://colab.research.google.com/github/huanchen1107/1028 Transfer Learning Lecture/blob/master/IET Transfer Le

## **▼ 1. Random Forest**

Random forest iT 邦幫忙::一起幫忙解決難題,拯救 IT 人的一天

隨機森林(Random Forest)的底層概念、操作細節,與推薦相關資源 - 書寫觀點.tw

ML入門(十七)隨機森林(Random Forest). 介紹 | by Chung-Yi | 程式設計之旅 | Medium

Sci-Hub | Random Forest Modeling for Network Intrusion Detection System. Procedia Computer Science, 89, 213–217 | 10.1016/j.procs.2016.06.047

Random forest paper

Random Forest Example

## **▼ 2. Deep Learning Review**