科目：**統計與機器學習(Statistical and Machine Learning Methods)**

參考書：1. The Elements of Statistical Learning: Data Mining, Inference, and
Prediction, Second Edition (Springer Series in Statistics) 2nd

Topics :
1. Linear Methods for Regression and Classification
2. Methods based on Regularizations: e.g. Regularized Regression and Classification
3. Kernel Smoothing
4. Unsupervised Learning: e.g. Clustering
5. Additive Model
6. Bagging Method
7. Support Vector Machine
8. Random Forest
9. EM algorithm
10. Boosting
11. Tree-based methods: regression and classification
12. Bootstrap
13. Principal Component Analysis

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