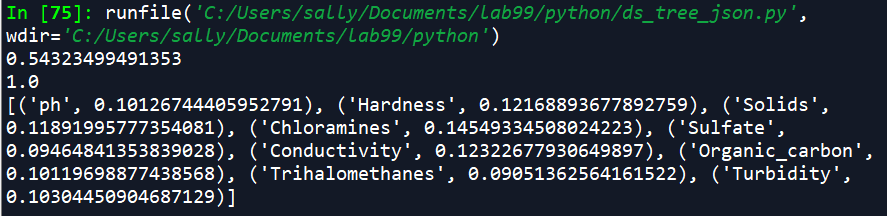
**Python決策樹優化**

**不調參數的情況下test\_data預測效果0.54 ; training data 1 =>overfitting**

**並列出各特徵的重要度**

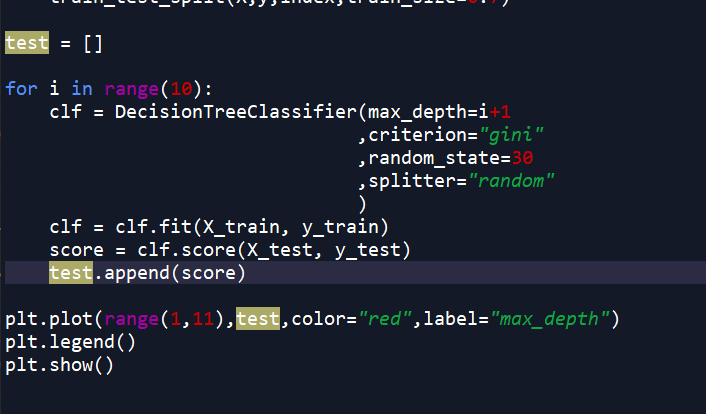


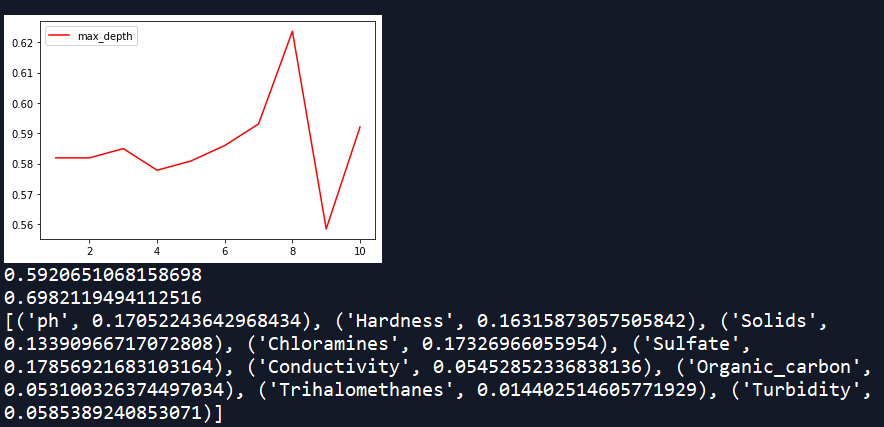
￼**确认最优的剪枝参数**

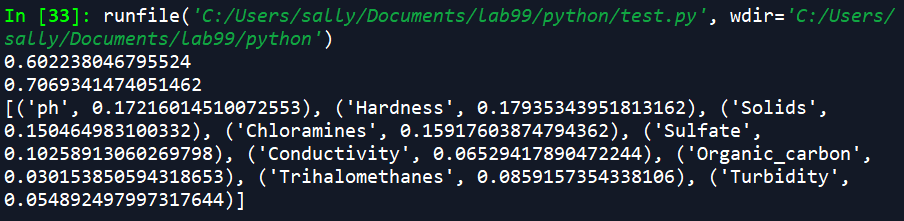
**可得到max\_depth=8時最佳**

**實際測試**test\_data預測效果0.6 ; training data 0.7

import matplotlib.pyplot as plt

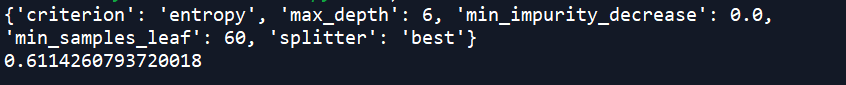
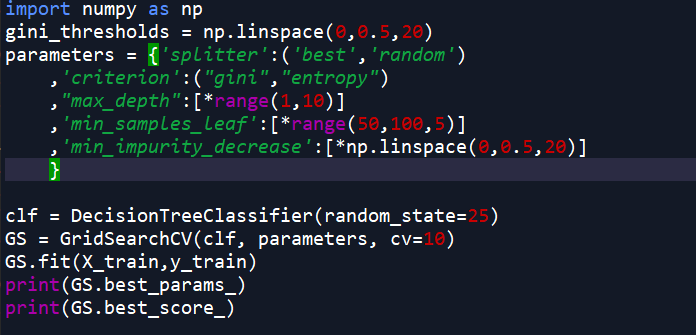






**用网格搜索调整参数得到最佳組合**

**但預測結果0.611**

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