

1. 結果

```
k = 1  acc = 0.7883906633906634
k = 2  acc = 0.7997542997542998
k = 3  acc = 0.8126535626535627
k = 4  acc = 0.7982186732186732
k = 5  acc = 0.8062039312039312
k = 6  acc = 0.8000614250614251
k = 7  acc = 0.796990171990172
k = 8  acc = 0.7972972972972973
k = 9  acc = 0.7985257985257985
k = 10 acc = 0.7887626650291679
===
平均 acc = 0.798685848812499
```

2. 說明與討論

a. Input feature :

- (1) age
- (2) education\_num
- (3) occupation
- (4) sex
- (5) hours\_per\_week

b. Data preprocessing

有將 age, education\_num, hours\_per\_week 等欄位的資料進行 MinMax normalization 處理，使各 feature 之間的數值級距限縮在 0~1 之間。