

# **Min sample leaf & Max feature**

---

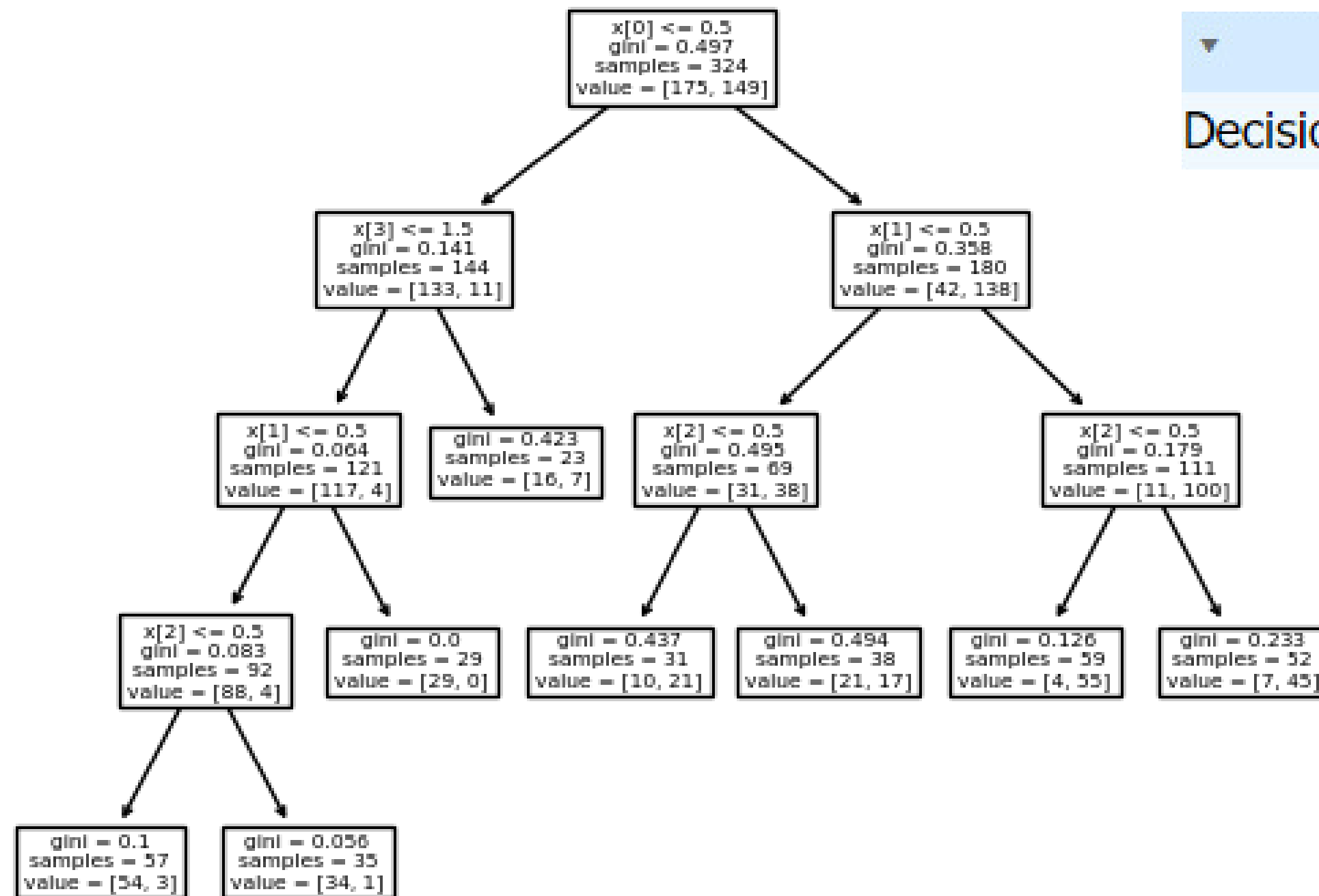
by กลุ่มทองประเสริฐ & i hate monday

# สมาชิก

ขวัญสวรรค์ ทองประเสริฐ	643020498-9
นริศรา โยธาจันทร์	643020504-0
นริภานต์ ปัญญารักษ์	643020505-8
พิมพ์ภา ยอดศรี	643020511-3
รัตชฎากร นามวงศ์	643020517-1
สุชาดา อูปพงษ์	643020524-4
ธิติพร หิงพุดชา	643021267-3
สุนิสา อุดมจันทร์	643021278-8

**MIN SAMPLE LEAF**

# MIN SAMPLE LEAF = 20



DecisionTreeClassifier  
DecisionTreeClassifier(min\_samples\_leaf=20, random\_state=0)

accuracy\_score

# 0.839

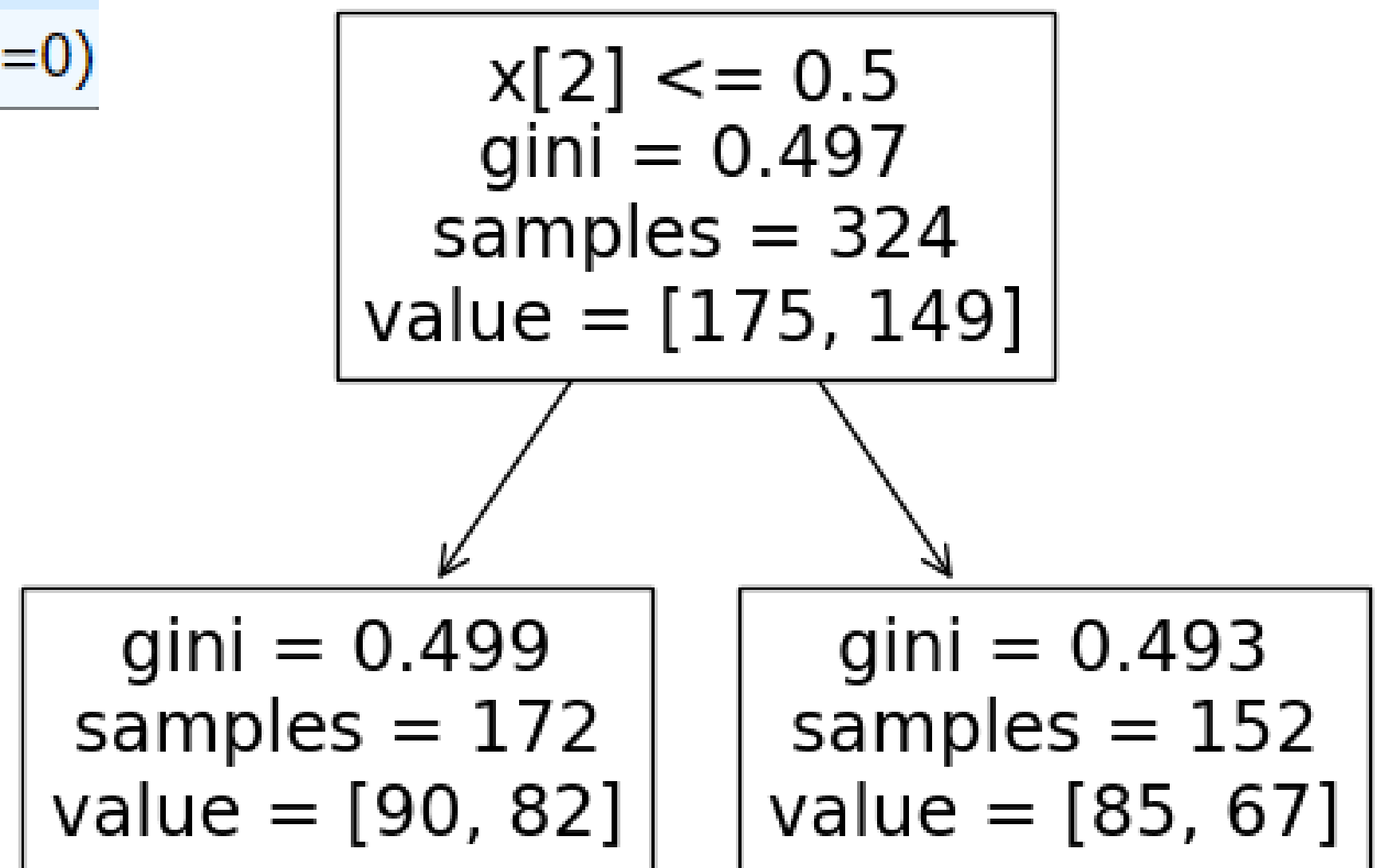
# MIN SAMPLE LEAF = 150

DecisionTreeClassifier

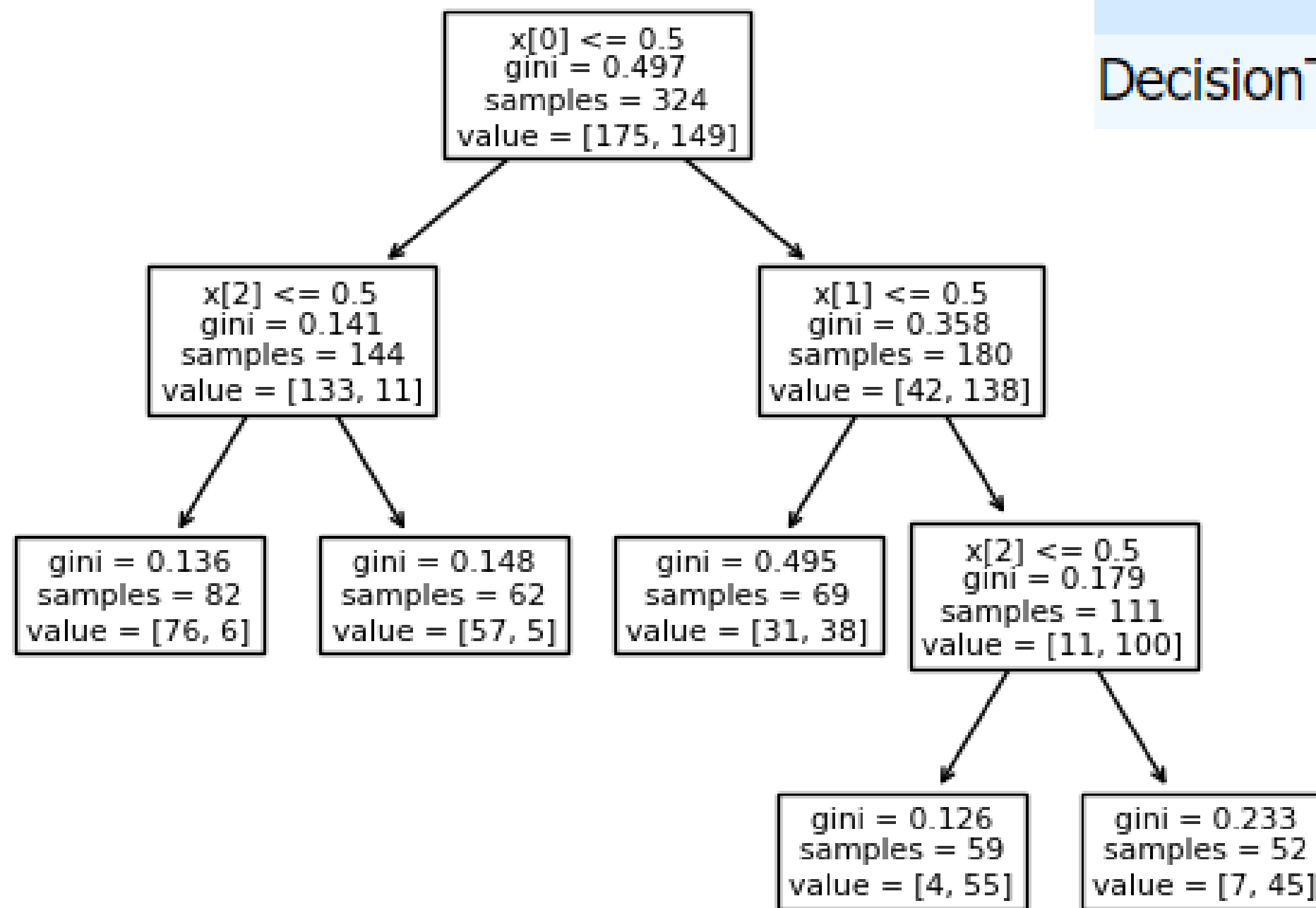
DecisionTreeClassifier(min\_samples\_leaf=150, random\_state=0)

accuracy\_score

## 0.568



# MIN SAMPLE LEAF = 50



DecisionTreeClassifier  
DecisionTreeClassifier(min\_samples\_leaf=50, random\_state=0)

accuracy\_score  
**0.872**

# MIN SAMPLE LEAF

## เปรียบเทียบ

Min sample leaf=20

**0.838**

Min sample leaf=50

**0.872**

Min sample leaf=120

**0.568**

**MAX FEATURE**

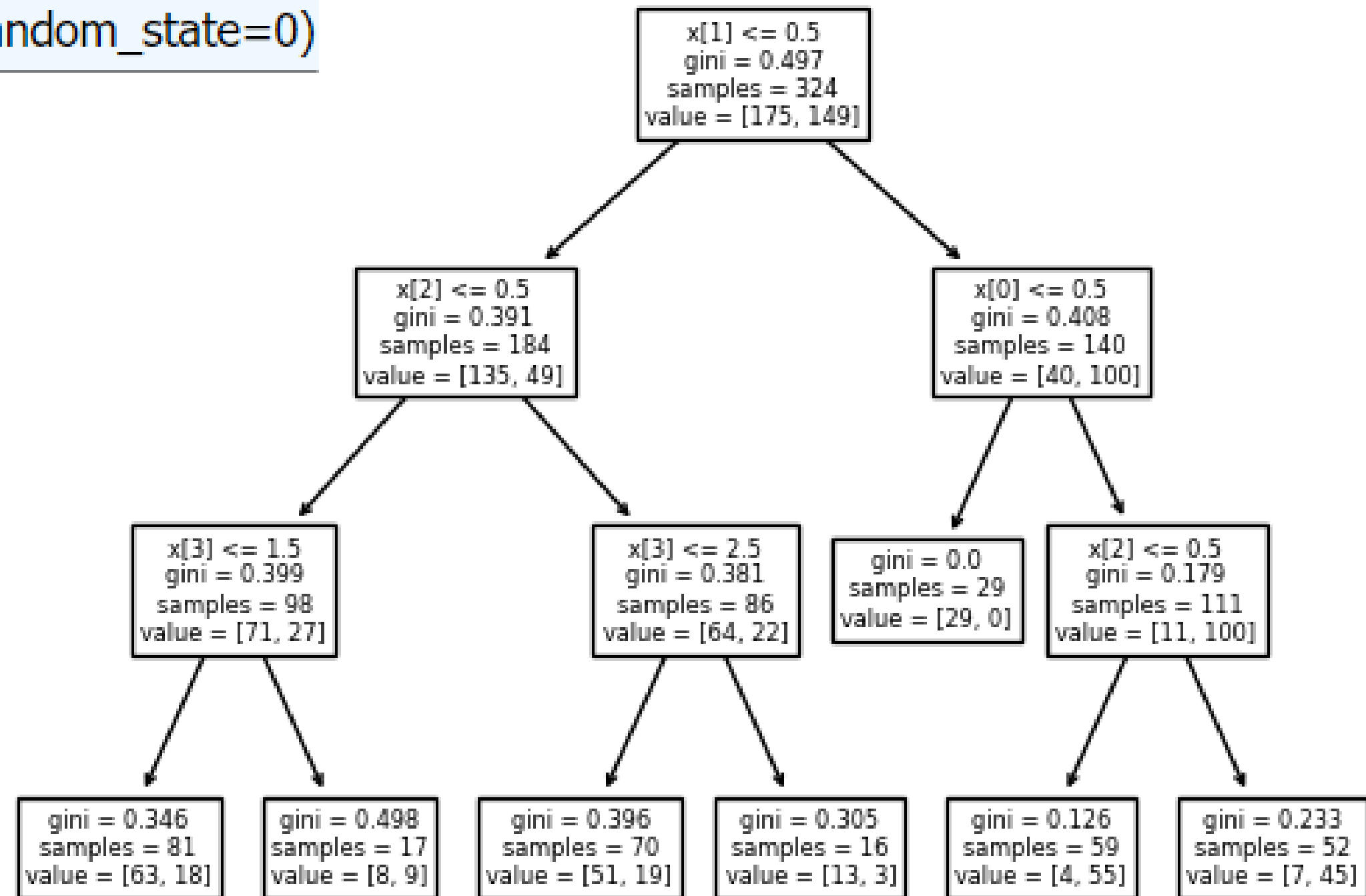


# MAX FEATURE = 1

DecisionTreeClassifier

DecisionTreeClassifier(max\_depth=3, max\_features=1, random\_state=0)

accuracy\_score  
**0.801**



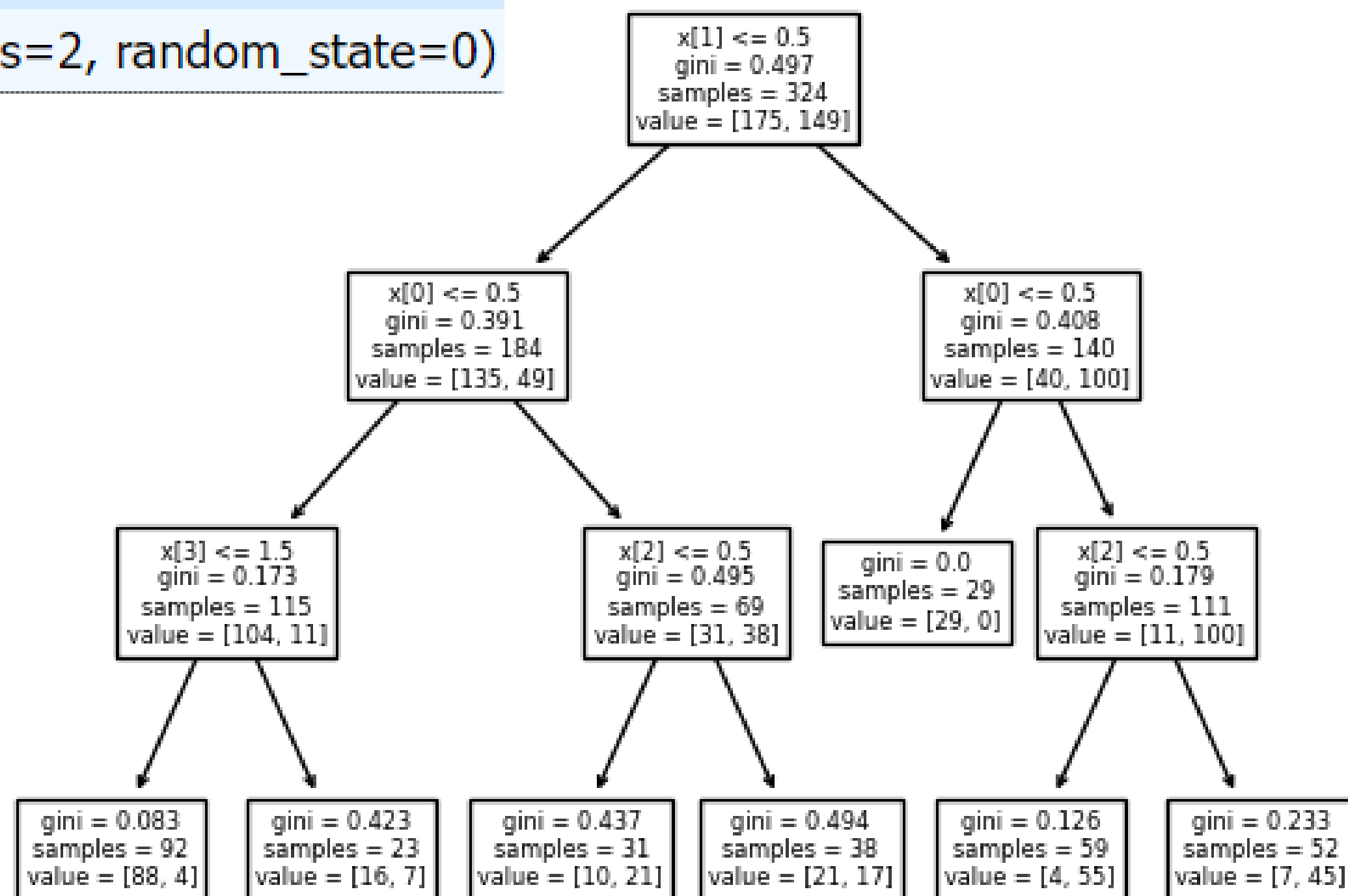
# MAX FEATURE = 2

DecisionTreeClassifier

DecisionTreeClassifier(max\_depth=3, max\_features=2, random\_state=0)

accuracy\_score

# 0.838

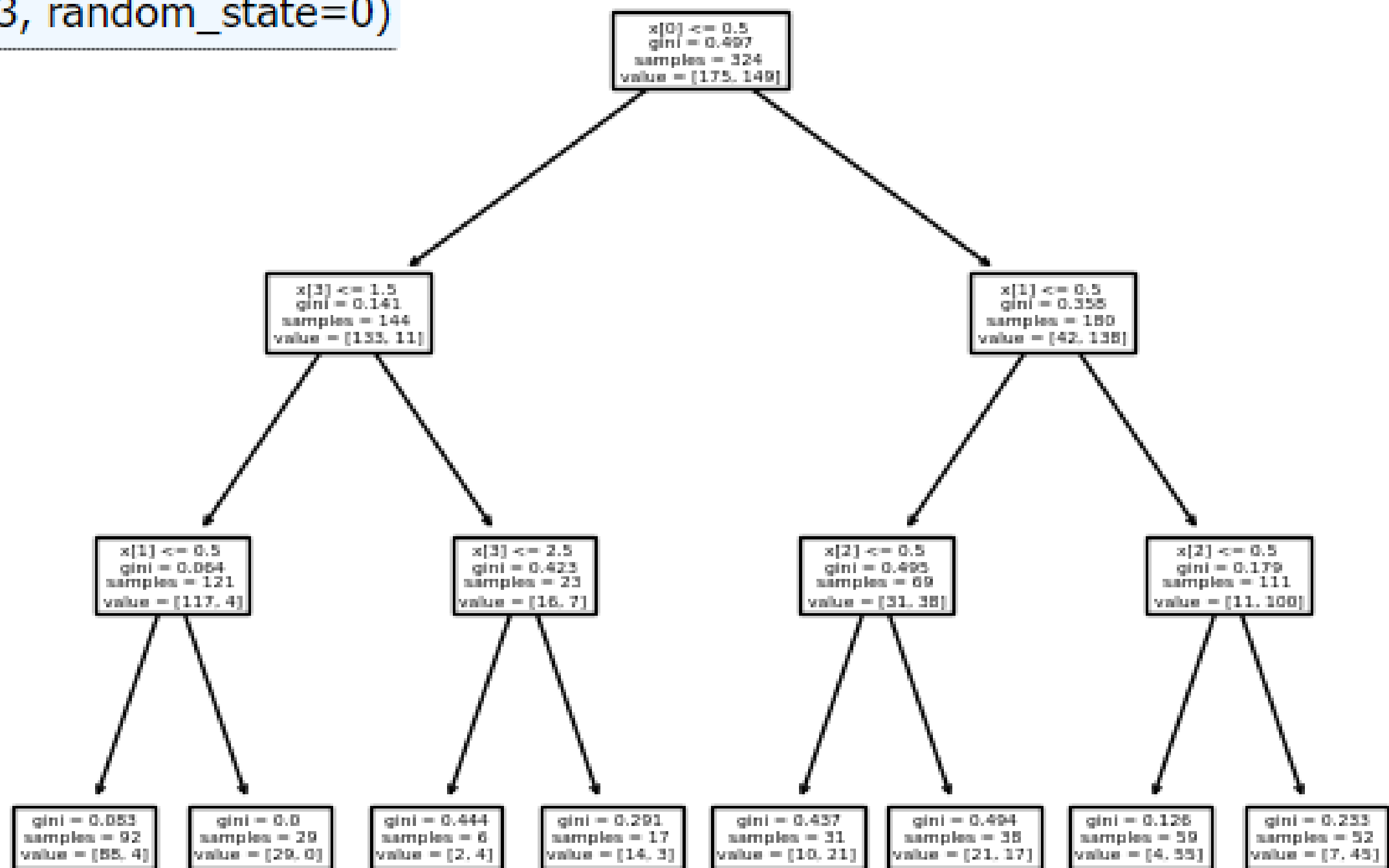


# MAX FEATURE = 3

DecisionTreeClassifier

DecisionTreeClassifier(max\_depth=3, max\_features=3, random\_state=0)

accuracy\_score  
**0.838**

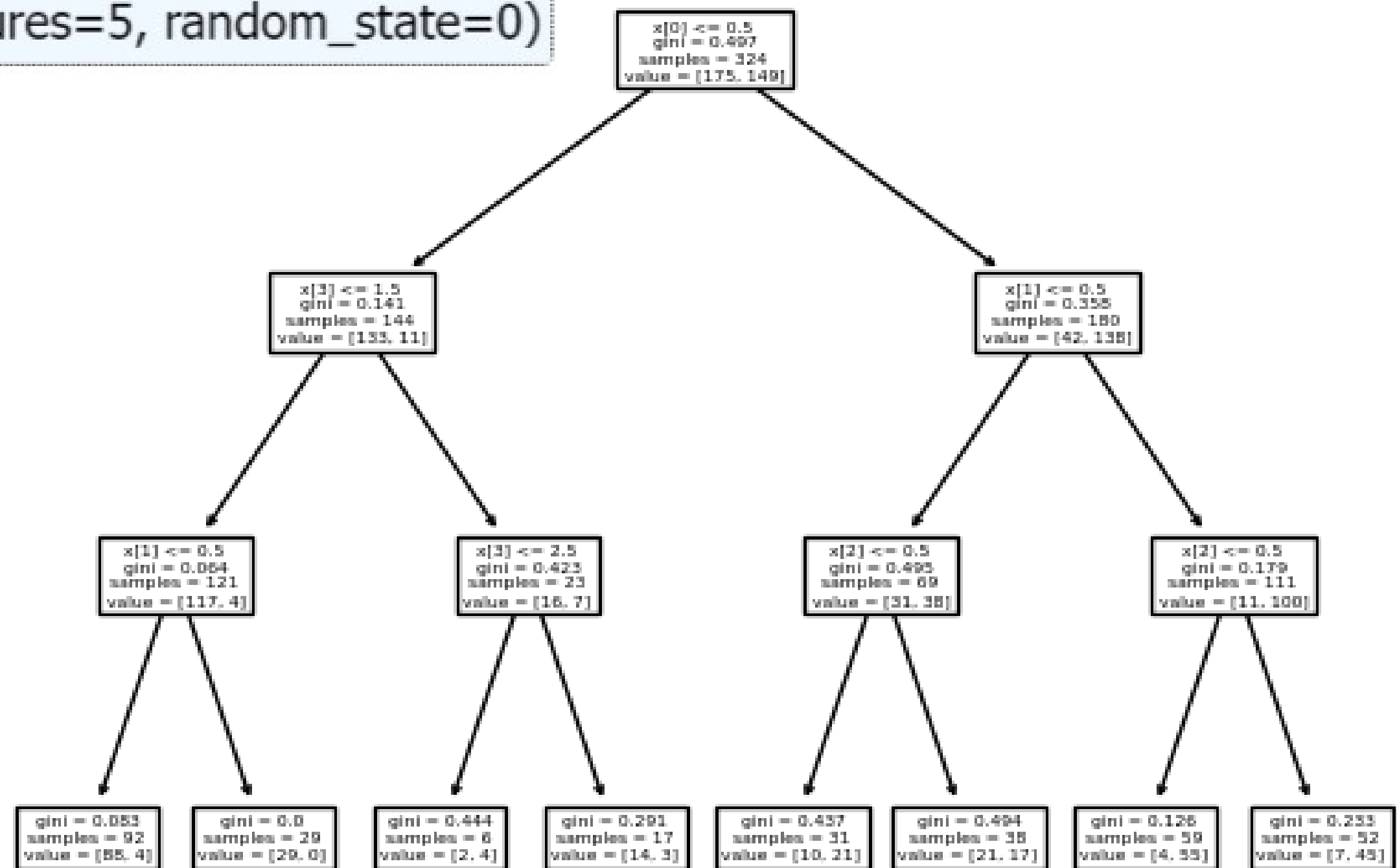


# MAX FEATURE = 4

DecisionTreeClassifier

DecisionTreeClassifier(max\_depth=3, max\_features=5, random\_state=0)

accuracy\_score  
**0.8388**

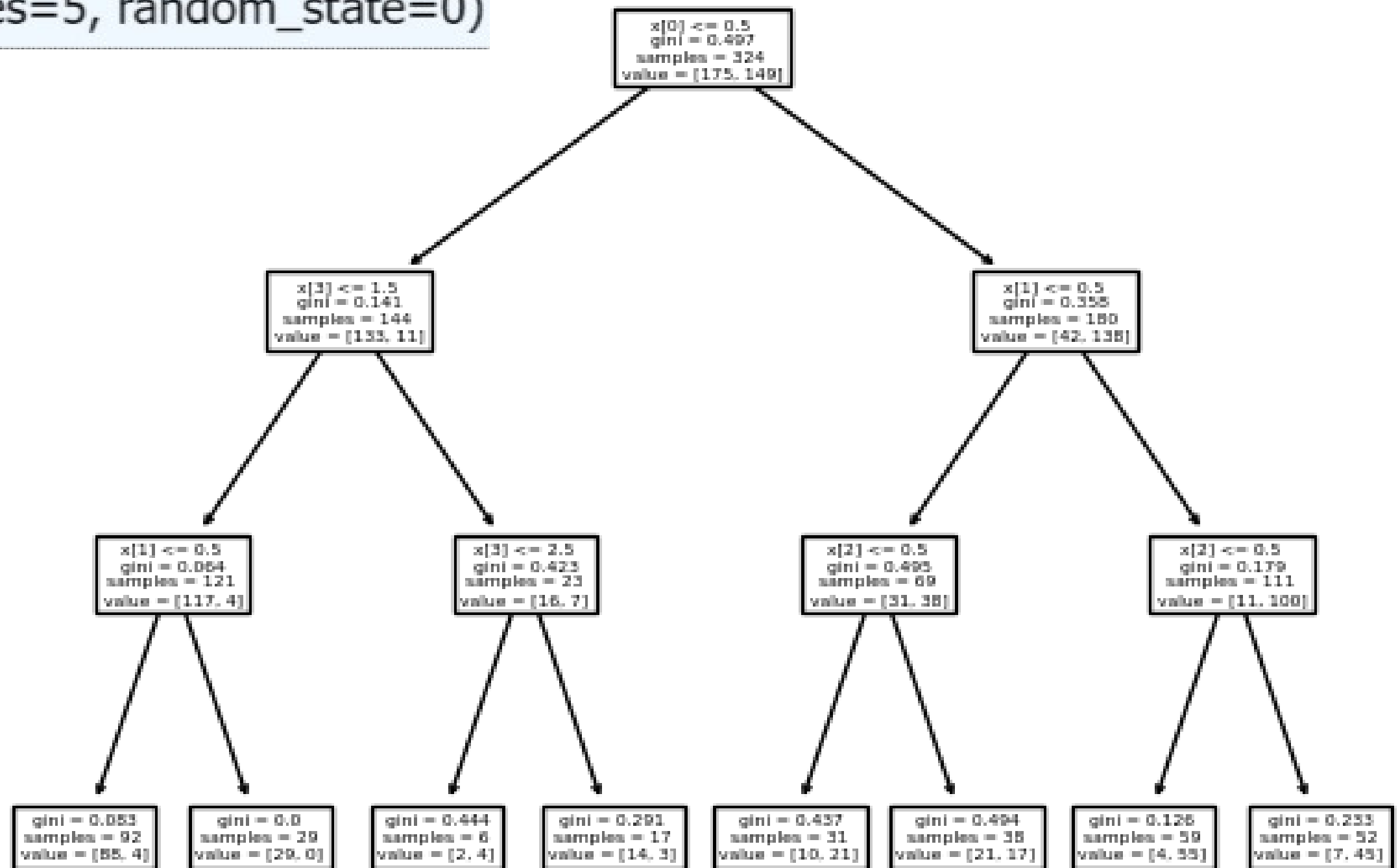


# MAX FEATURE = 5

DecisionTreeClassifier

DecisionTreeClassifier(max\_depth=3, max\_features=5, random\_state=0)

accuracy\_score  
**0.838**



# MAX FEATURE

## เปรียบเทียบ

Max feature =1

**0.801**

Max feature =2

**0.838**

Max feature = 3

**0.838**

Max feature = 4

**0.838**

Max feature = 5

**0.838**

**Thank You**