

$x[1] \leq 0.8$
gini = 0.667
samples = 150
value = [50, 50, 50]

```
graph TD; A["x[1] ≤ 0.8  
gini = 0.667  
samples = 150  
value = [50, 50, 50]"] --> B["gini = 0.0  
samples = 50  
value = [50, 0, 0]"]; A --> C["x[1] ≤ 1.75  
gini = 0.5  
samples = 100  
value = [0, 50, 50]"]; C --> D["gini = 0.168  
samples = 54  
value = [0, 49, 5]"]; C --> E["gini = 0.043  
samples = 46  
value = [0, 1, 45]"];
```

gini = 0.0
samples = 50
value = [50, 0, 0]

$x[1] \leq 1.75$
gini = 0.5
samples = 100
value = [0, 50, 50]

gini = 0.168
samples = 54
value = [0, 49, 5]

gini = 0.043
samples = 46
value = [0, 1, 45]