```
         0    0.2
         1    0.2
         2    0.2
         3    0.2
         4    0.2
             ...
        145   2.3
        146   1.9
        147   2.0
        148   2.3
        149   1.8
Name: PetalWidthCm, Length: 150, dtype: float64 <= 0.8
              gini = 0.667
             samples = 150
           value = [50, 50, 50]
```

False

True

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

```
         0    0.2
         1    0.2
         2    0.2
         3    0.2
         4    0.2
             ...
        145   2.3
        146   1.9
        147   2.0
        148   2.3
        149   1.8
Name: PetalWidthCm, Length: 150, dtype: float64 <= 1.75
              gini = 0.5
            samples = 100
           value = [0, 50, 50]
```

```
         0    1.4
         1    1.4
         2    1.3
         3    1.5
         4    1.4
             ...
        145   5.2
        146   5.0
        147   5.2
        148   5.4
        149   5.1
Name: PetalLengthCm, Length: 150, dtype: float64 <= 4.95
              gini = 0.168
             samples = 54
           value = [0, 49, 5]
```

```
         0    1.4
         1    1.4
         2    1.3
         3    1.5
         4    1.4
             ...
        145   5.2
        146   5.0
        147   5.2
        148   5.4
        149   5.1
Name: PetalLengthCm, Length: 150, dtype: float64 <= 4.85
              gini = 0.043
             samples = 46
           value = [0, 1, 45]
```

```
gini = 0.041
samples = 48
value = [0, 47, 1]
```

```
gini = 0.444
samples = 6
value = [0, 2, 4]
```

```
gini = 0.444
samples = 3
value = [0, 1, 2]
```

```
gini = 0.0
samples = 43
value = [0, 0, 43]
```