

petal length (cm)  $\leq 2.45$   
samples = 150  
value = [50, 50, 50]  
class = setosa

```
graph TD; A["petal length (cm) ≤ 2.45  
samples = 150  
value = [50, 50, 50]  
class = setosa"] --> B["samples = 50  
value = [50, 0, 0]  
class = setosa"]; A --> C["petal width (cm) ≤ 1.75  
samples = 100  
value = [0, 50, 50]  
class = versicolor"]; C --> D["samples = 54  
value = [0, 49, 5]  
class = versicolor"]; C --> E["samples = 46  
value = [0, 1, 45]  
class = virginica"];
```

samples = 50  
value = [50, 0, 0]  
class = setosa

petal width (cm)  $\leq 1.75$   
samples = 100  
value = [0, 50, 50]  
class = versicolor

samples = 54  
value = [0, 49, 5]  
class = versicolor

samples = 46  
value = [0, 1, 45]  
class = virginica