

petal length (cm)  $\leq 2.45$   
entropy = 0.913  
samples = 140  
value = [94, 46]  
class = setosa

```
graph TD; A["petal length (cm) <= 2.45<br/>entropy = 0.913<br/>samples = 140<br/>value = [94, 46]<br/>class = setosa"] -- True --> B["entropy = 0.0<br/>samples = 46<br/>value = [0, 46]<br/>class = versicolor"]; A -- False --> C["entropy = 0.0<br/>samples = 94<br/>value = [94, 0]<br/>class = setosa"];
```

True

False

entropy = 0.0  
samples = 46  
value = [0, 46]  
class = versicolor

entropy = 0.0  
samples = 94  
value = [94, 0]  
class = setosa