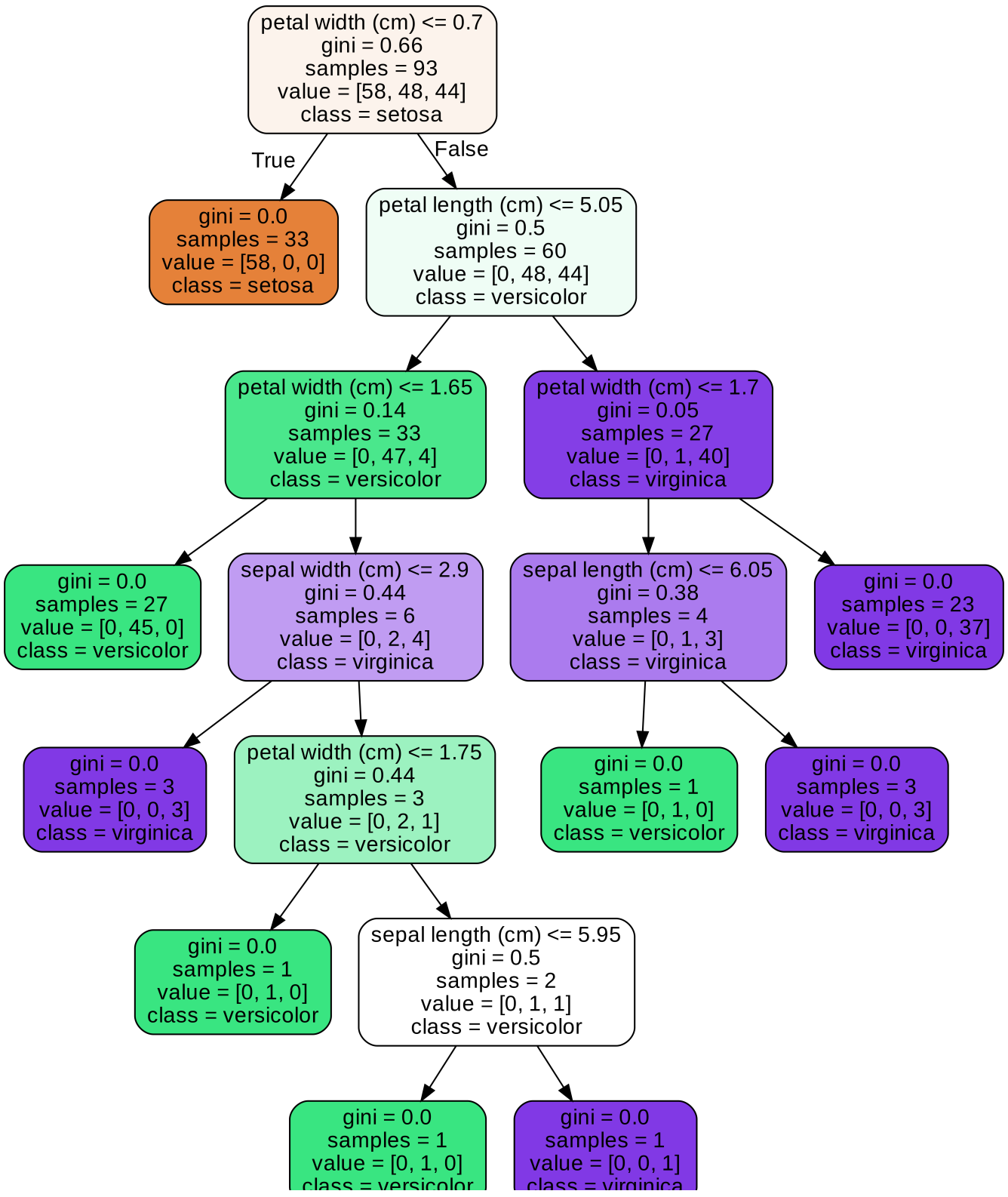
```
from sklearn.datasets import load_iris
iris = load_iris()

# Model (can also use single decision tree)
from sklearn.ensemble import RandomForestClassifier
model = RandomForestClassifier(n_estimators=10)

# Train
model.fit(iris.data, iris.target)
# Extract single tree
estimator = model.estimators_[5]

from sklearn.tree import export_graphviz
# Export as dot file
export_graphviz(estimator, out_file='tree.dot',
                feature_names = iris.feature_names,
                class_names = iris.target_names,
                rounded = True, proportion = False,
                precision = 2, filled = True)

# Convert to png using system command (requires Graphviz)
from subprocess import call
call(['dot', '-Tpng', 'tree.dot', '-o', 'tree.png', '-Gdpi=600'])

# Display in jupyter notebook
from IPython.display import Image
Image(filename = 'tree.png')
```


petal width (cm) <= 0.7
gini = 0.66
samples = 93
value = [58, 48, 44]
class = setosa
True
False
gini = 0.0
samples = 33
value = [58, 0, 0]
class = setosa
petal length (cm) <= 5.05
gini = 0.5
samples = 60
value = [0, 48, 44]
class = versicolor
petal width (cm) <= 1.65
gini = 0.14
samples = 33
value = [0, 47, 4]
class = versicolor
petal width (cm) <= 1.7
gini = 0.05
samples = 27
value = [0, 1, 40]
class = virginica
gini = 0.0
samples = 27
value = [0, 45, 0]
class = versicolor
sepal width (cm) <= 2.9
gini = 0.44
samples = 6
value = [0, 2, 4]
class = virginica
sepal length (cm) <= 6.05
gini = 0.38
samples = 4
value = [0, 1, 3]
class = virginica
gini = 0.0
samples = 23
value = [0, 0, 37]
class = virginica
gini = 0.0
samples = 3
value = [0, 0, 3]
class = virginica
petal width (cm) <= 1.75
gini = 0.44
samples = 3
value = [0, 2, 1]
class = versicolor
gini = 0.0
samples = 1
value = [0, 1, 0]
class = versicolor
gini = 0.0
samples = 3
value = [0, 0, 3]
class = virginica
gini = 0.0
samples = 1
value = [0, 1, 0]
class = versicolor
sepal length (cm) <= 5.95
gini = 0.5
samples = 2
value = [0, 1, 1]
class = versicolor
gini = 0.0
samples = 1
value = [0, 1, 0]
class = versicolor
gini = 0.0
samples = 1
value = [0, 0, 1]
class = virginica