

=== Run information ===

Scheme: weka.classifiers.trees.J48 -C 0.25 -M 2

Relation: weather

Instances: 14

Attributes: 5

outlook

temperature

humidity

windy

play

Test mode: 10-fold cross-validation

=== Classifier model (full training set) ===

J48 pruned tree

outlook = sunny

| humidity <= 75: yes (2.0)

| humidity > 75: no (3.0)

outlook = overcast: yes (4.0)

outlook = rainy

| windy = TRUE: no (2.0)

| windy = FALSE: yes (3.0)

Number of Leaves : 5

Size of the tree : 8

Time taken to build model: 0 seconds

=== Stratified cross-validation ===

=== Summary ===

Correctly Classified Instances	9	64.2857 %
Incorrectly Classified Instances	5	35.7143 %
Kappa statistic	0.186	
Mean absolute error	0.2857	
Root mean squared error	0.4818	
Relative absolute error	60 %	
Root relative squared error	97.6586 %	
Total Number of Instances	14	

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
	0.778	0.600	0.700	0.778	0.737	0.189	0.789	0.847	yes
	0.400	0.222	0.500	0.400	0.444	0.189	0.789	0.738	no
Weighted Avg.	0.643	0.465	0.629	0.643	0.632	0.189	0.789	0.808	

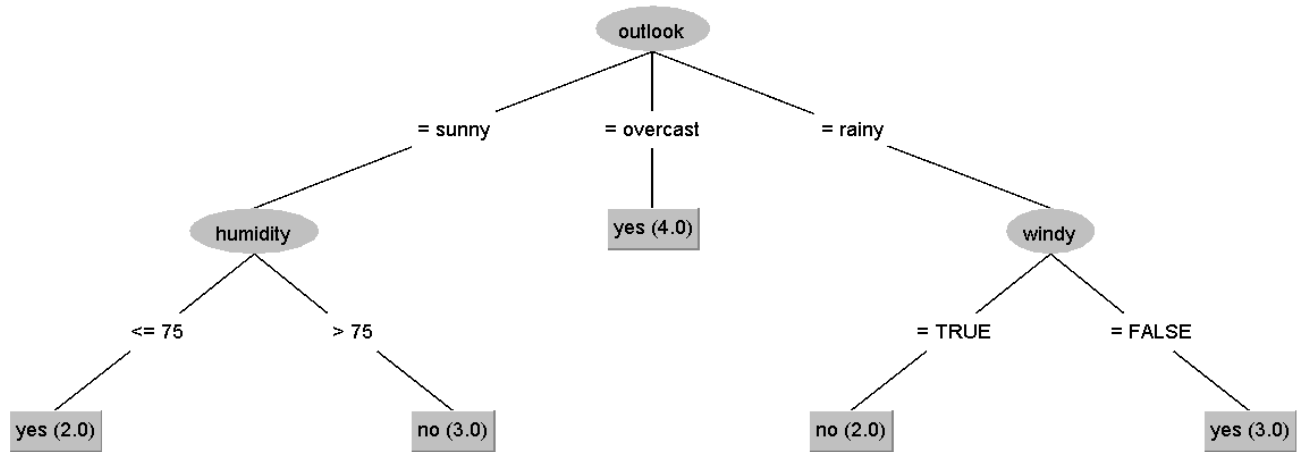
=== Confusion Matrix ===

a b <-- classified as

7 2 | a = yes

3 2 | b = no

Tree View



80°F
Cloudy

