

=== Run information ===

Scheme: weka.classifiers.bayes.NaiveBayes  
Relation: weather.symbolic  
Instances: 14  
Attributes: 5  
outlook  
temperature  
humidity  
windy  
play  
Test mode: 10-fold cross-validation

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

Naive Bayes Classifier

Attribute	Class	
	yes (0.63)	no (0.38)
=====		
outlook		
sunny	3.0	4.0
overcast	5.0	1.0
rainy	4.0	3.0
[total]	12.0	8.0
temperature		
hot	3.0	3.0
mild	5.0	3.0
cool	4.0	2.0
[total]	12.0	8.0
humidity		
high	4.0	5.0
normal	7.0	2.0
[total]	11.0	7.0
windy		
TRUE	4.0	4.0
FALSE	7.0	3.0
[total]	11.0	7.0

Time taken to build model: 0 seconds

=== Stratified cross-validation ===

=== Summary ===

Correctly Classified Instances	8	57.1429 %
Incorrectly Classified Instances	6	42.8571 %
Kappa statistic	-0.0244	
Mean absolute error	0.4374	
Root mean squared error	0.4916	
Relative absolute error	91.8631 %	
Root relative squared error	99.6492 %	
Total Number of Instances	14	

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area
PRC Area Class							
0.697 yes	0.778	0.800	0.636	0.778	0.700	-0.026	0.578
0.557 no	0.200	0.222	0.333	0.200	0.250	-0.026	0.578
Weighted Avg. 0.647	0.571	0.594	0.528	0.571	0.539	-0.026	0.578

=== Confusion Matrix ===

```

a b  <-- classified as
7 2 | a = yes
4 1 | b = no

```