

Viewer

relation: weather

No.	outlook Nominal	temperature Numeric	humidity Numeric	windy Nominal	play Nominal
	sunny	85.0	85.0	FALSE	no
	sunny	80.0	90.0	TRUE	no
	overcast	83.0	86.0	FALSE	yes
	rainy	70.0	96.0	FALSE	yes
	rainy	68.0	80.0	FALSE	yes
	rainy	65.0	70.0	TRUE	no
	overcast	64.0	65.0	TRUE	yes
	sunny	72.0	95.0	FALSE	no
	sunny	69.0	70.0	FALSE	yes
	rainy	75.0	80.0	FALSE	yes
	sunny	75.0	70.0	TRUE	yes
	overcast	72.0	90.0	TRUE	yes
	overcast	81.0	75.0	FALSE	yes
	rainy	71.0	91.0	TRUE	no

Undo OK Cancel

Open DB... Generate... Undo Edit... Save... Apply

Selected attribute
Name: outlook
Missing: 0 (0%)
Distinct: 3
Type: Nominal
Unique: 0 (0%)

No.	Label	Count
1	sunny	5
2	rainy	5
3	overcast	4

Pattern

Class: play (Nom) Visualize All

outlook	play = no (blue)	play = yes (red)
1 (sunny)	5	0
2 (rainy)	5	0
3 (overcast)	0	4

Remove

Visualization



Data Visualizer



Scatter PlotMatrix



Attribute Summarizer



Model PerformanceChart



CostBenefit Analysis



Text Viewer



Graph Viewer



Strip Chart

Knowledge Flow Layout



Component	Parameters	Time	Status
[KnowledgeFlow]		1:10:4	Welcome to the Weka Knowledge Flow
ArffLoader		-	Finished.
CrossValidationFoldMaker		-	Finished.
J48	-C 0.25 -M 2	-	Finished.
ClassifierPerformanceEvaluator		-	Finished.

=== Evaluation result ===

Scheme: J48
Options: -C 0.25 -M 2
Relation: weather

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	ROC Area	Class
	0.778	0.6	0.7	0.778	0.737	0.789	yes
	0.4	0.222	0.5	0.4	0.444	0.789	no
Weighted Avg.	0.643	0.465	0.629	0.643	0.632	0.789	

=== Confusion Matrix ===

a b <-- classified as
7 2 | a = yes
3 2 | b = no

