

EM
==

Number of clusters selected by cross validation: 1

Attribute	Cluster
	0
	(1)
=====	
Outlook	
Sunny	6
Overcast	5
Rainy	6
[total]	17
Temperature	
mean	73.5714
std. dev.	6.3326
Humidity	
mean	81.6429
std. dev.	9.9111
Windy	
FALSE	9
TRUE	7
[total]	16
Play	
no	6
yes	10
[total]	16

=== Clustering stats for training data ===

Clustered Instances
0 14 (100%)

Log likelihood: -9.4063

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==

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	0
	(1)
=====	

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Sunny	6
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Humidity	
mean	81.6429
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Windy	
FALSE	9
TRUE	7
[total]	16
Play	
no	6
yes	10
[total]	16

=== Clustering stats for training data ===

Clustered Instances	
0	14 (100%)

Log likelihood: -9.4063

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Number of clusters selected by cross validation: 1

Cluster	
Attribute	0
	(1)
=====	
crab	
0	4
1	3
[total]	7
milk	
0	2
1	5
[total]	7
cheese	
0	2
1	5

```

[total]  7
bread
  0      2
  1      5
[total]  7
pie
  0      4
  1      3
[total]  7
apple
  0      3
  1      4
[total]  7

```

=== Clustering stats for training data ===

Clustered Instances
 0 5 (100%)

Log likelihood: -3.58326

EM
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Number of clusters selected by cross validation: 4

Attribute	Cluster			
	0	1	2	3
	(0.32)	(0.33)	(0.2)	(0.14)
=====				
sepal length				
mean	5.897	5.006	6.9426	6.1304
std. dev.	0.5279	0.3489	0.498	0.2943
sepal width				
mean	2.7519	3.418	3.1103	2.8088
std. dev.	0.3103	0.3772	0.2952	0.2361
petal length				
mean	4.2267	1.464	5.8559	5.0993
std. dev.	0.445	0.1718	0.4626	0.2462
petal width				
mean	1.3134	0.244	2.1495	1.8254
std. dev.	0.1864	0.1061	0.232	0.2152
class				
Iris-setosa	1	51	1	1
Iris-versicolor	48.1125		1	1.0182
				3.8693

Iris-virginica	2.0983	1	31.0375	19.8641
[total]	51.2108	53	33.0557	24.7335

=== Clustering stats for training data ===

Clustered Instances

0	48 (32%)
1	50 (33%)
2	29 (19%)
3	23 (15%)

Log likelihood: -2.03504

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==

Number of clusters selected by cross validation: 2

	Cluster	
Attribute	0	1
	(0.33)	(0.67)

=====

petallength		
mean	1.4638	4.905
std. dev.	0.1715	0.8232

=== Clustering stats for training data ===

Clustered Instances

0	50 (33%)
1	100 (67%)

Log likelihood: -1.3369

EM
==

Number of clusters selected by cross validation: 1

	Cluster
Attribute	0
	(1)

=====

outlook

sunny	6
overcast	5
rainy	6
[total]	17
temperature	
hot	5
mild	7
cool	5
[total]	17
humidity	
high	8
normal	8
[total]	16
windy	
TRUE	7
FALSE	9
[total]	16
play	
yes	10
no	6
[total]	16

=== Clustering stats for training data ===

Clustered Instances
0 14 (100%)

Log likelihood: -4.20178

EM
==

Number of clusters selected by cross validation: 1

Cluster	
Attribute	0
	(1)
=====	
outlook	
sunny	6
overcast	5
rainy	6
[total]	17
temperature	
hot	5
mild	7
cool	5
[total]	17
humidity	

high	8
normal	8
[total]	16
windy	
TRUE	7
FALSE	9
[total]	16
play	
yes	10
no	6
[total]	16

=== Clustering stats for training data ===

Clustered Instances

0 14 (100%)

Log likelihood: -4.20178