

Table 4.11 Association rules for the weather data.

Association rule			Coverage	Accuracy
1	humidity = normal windy = false	⇒ play = yes	4	100%
2	temperature = cool	⇒ humidity = normal	4	100%
3	outlook = overcast	⇒ play = yes	4	100%
4	temperature = cool play = yes	⇒ humidity = normal	3	100%
5	outlook = rainy windy = false	⇒ play = yes	3	100%
6	outlook = rainy play = yes	⇒ windy = false	3	100%
7	outlook = sunny humidity = high	⇒ play = no	3	100%
8	outlook = sunny play = no	⇒ humidity = high	3	100%
9	temperature = cool windy = false	⇒ humidity = normal play = yes	2	100%
10	temperature = cool humidity = normal windy = false	⇒ play = yes	2	100%
11	temperature = cool windy = false play = yes	⇒ humidity = normal	2	100%
12	outlook = rainy humidity = normal windy = false	⇒ play = yes	2	100%
13	outlook = rainy humidity = normal play = yes	⇒ windy = false	2	100%
14	outlook = rainy temperature = mild windy = false	⇒ play = yes	2	100%
15	outlook = rainy temperature = mild play = yes	⇒ windy = false	2	100%
16	temperature = mild windy = false play = yes	⇒ outlook = rainy	2	100%
17	outlook = overcast temperature = hot	⇒ windy = false play = yes	2	100%
18	outlook = overcast windy = false	⇒ temperature = hot play = yes	2	100%
19	temperature = hot play = yes	⇒ outlook = overcast windy = false	2	100%
20	outlook = overcast temperature = hot windy = false	⇒ play = yes	2	100%
21	outlook = overcast temperature = hot play = yes	⇒ windy = false	2	100%
22	outlook = overcast windy = false play = yes	⇒ temperature = hot	2	100%
23	temperature = hot windy = false play = yes	⇒ outlook = overcast	2	100%
24	windy = false play = no	⇒ outlook = sunny humidity = high	2	100%
25	outlook = sunny humidity = high windy = false	⇒ play = no	2	100%
26	outlook = sunny windy = false play = no	⇒ humidity = high	2	100%
27	humidity = high windy = false play = no	⇒ outlook = sunny	2	100%
28	outlook = sunny temperature = hot	⇒ humidity = high play = no	2	100%
29	temperature = hot play = no	⇒ outlook = sunny humidity = high	2	100%
30	outlook = sunny temperature = hot humidity = high	⇒ play = no	2	100%
31	outlook = sunny temperature = hot play = no	⇒ humidity = high	2	100%
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58	outlook = sunny temperature = hot	⇒ humidity = high	2	100%