

Output:

Information Gain for each attribute:

Weather: 0.3219
Temperature: 0.0955
Humidity: 0.0000
Wind: 0.0058

Information Gain for Sunny subset:

Temperature: 0.3113 Humidity: 0.1226 Wind: 0.8113

Information Gain for Rainy subset:

Temperature: 0.3113 Humidity: 0.1226

Wind: 0.8113