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Min_gain =1 :

>FeatureVal(feature=5, value='n') [3122, 2878] 0.5332179824444057
0.5138632162661737

Min_gain= 0.1:

>FeatureVal(feature=5, value='n') [3122, 2878] 0.5332179824444057
->FeatureVal(feature=20, value='r')   [2523, 79]   0.10329266813795136
-->None   [0, 48] 0
-->FeatureVal(feature=13, value='y')   [2523, 31]   0.06154152421377637
->FeatureVal(feature=4, value='f') [599, 2799] 0.38557073463169284
-->None   [0, 2397]   0
-->FeatureVal(feature=11, value='c')   [599, 402]   0.3985075001359971
--->None   [385, 0]   0
--->FeatureVal(feature=13, value='y')   [214, 402]   0.48124880027463124
---->None   [147, 0]   0
---->FeatureVal(feature=7, value='c')   [67, 402]   0.5916727785823274
----->None   [0, 402]   0
----->None   [67, 0] 0
0.9944547134935305

Min_gain = 0:

>FeatureVal(feature=5, value='n') [3122, 2878] 0.5332179824444057
->FeatureVal(feature=20, value='r')   [2523, 79]   0.10329266813795136
-->None   [0, 48] 0
-->FeatureVal(feature=13, value='y')   [2523, 31]   0.06154152421377637
->FeatureVal(feature=4, value='t') [599, 2799] 0.38557073463169284
-->FeatureVal(feature=11, value='c')   [599, 402]   0.3985075001359971
--->None   [385, 0]   0
--->FeatureVal(feature=13, value='y')   [214, 402]   0.48124880027463124
---->None   [147, 0]   0
---->FeatureVal(feature=7, value='c')   [67, 402]   0.5916727785823274
----->None   [0, 402]   0
----->None   [67, 0] 0
-->None   [0, 2397]   0
0.9944547134935305

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