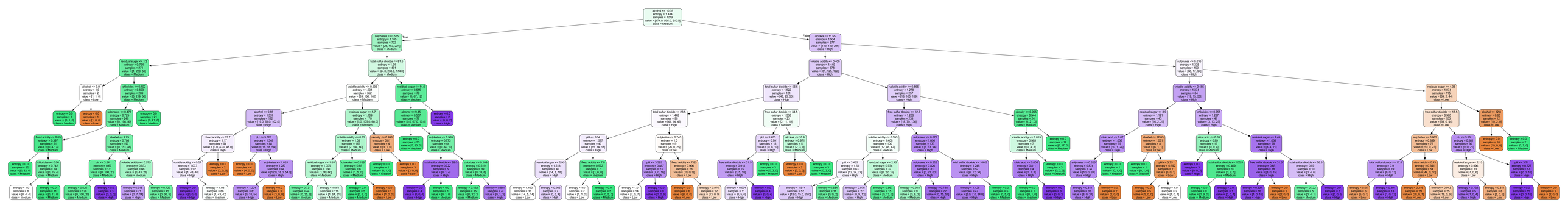

alcohol <= 10.35 entropy = 1.434 samples = 1279 value = [174.0, 595.0, 510.0] class = Medium
True
False
sulphates <= 0.575 entropy = 1.105 samples = 702 value = [25, 453, 224] class = Medium
alcohol <= 11.55 entropy = 1.504 samples = 577 value = [149, 142, 286] class = High
residual sugar <= 1.3 entropy = 0.724 samples = 271 value = [1, 220, 50] class = Medium
total sulfur dioxide <= 81.5 entropy = 1.24 samples = 431 value = [24.0, 233.0, 174.0] class = Medium
volatile acidity <= 0.405 entropy = 1.449 samples = 378 value = [61, 125, 192] class = High
sulphates <= 0.635 entropy = 1.335 samples = 199 value = [88, 17, 94] class = High
alcohol <= 9.9 entropy = 1.0 samples = 2 value = [1, 1, 0] class = Low
chlorides <= 0.102 entropy = 0.693 samples = 269 value = [0, 219, 50] class = Medium
volatile acidity <= 0.535 entropy = 1.291 samples = 352 value = [24, 166, 162] class = Medium
residual sugar <= 14.6 entropy = 0.615 samples = 79 value = [0, 67, 12] class = Medium
total sulfur dioxide <= 56.5 entropy = 1.522 samples = 121 value = [43, 25, 53] class = High
volatile acidity <= 0.865 entropy = 1.278 samples = 257 value = [18, 100, 139] class = High
volatile acidity <= 0.485 entropy = 1.374 samples = 84 value = [19, 15, 50] class = High
residual sugar <= 4.35 entropy = 1.074 samples = 115 value = [69, 2, 44] class = Low
entropy = 0.0 samples = 1 value = [0, 1, 0] class = Medium
entropy = 0.0 samples = 1 value = [1, 0, 0] class = Low
sulphates <= 0.475 entropy = 0.725 samples = 248 value = [0, 198, 50] class = Medium
entropy = 0.0 samples = 21 value = [0, 21, 0] class = Medium
alcohol <= 9.65 entropy = 1.337 samples = 182 value = [19.0, 61.0, 102.0] class = High
residual sugar <= 5.7 entropy = 1.109 samples = 170 value = [5.0, 105.0, 60.0] class = Medium
alcohol <= 9.45 entropy = 0.557 samples = 77 value = [0.0, 67.0, 10.0] class = Medium
entropy = 0.0 samples = 2 value = [0, 0, 2] class = High
total sulfur dioxide <= 23.5 entropy = 1.448 samples = 98 value = [41, 14, 43] class = High
free sulfur dioxide <= 34.5 entropy = 1.338 samples = 23 value = [2, 11, 10] class = Medium
free sulfur dioxide <= 12.5 entropy = 1.268 samples = 233 value = [18, 79, 136] class = High
density <= 0.995 entropy = 0.544 samples = 24 value = [0, 21, 3] class = Medium
residual sugar <= 3.9 entropy = 1.191 samples = 43 value = [16, 2, 25] class = High
chlorides <= 0.058 entropy = 1.237 samples = 41 value = [3, 13, 25] class = High
free sulfur dioxide <= 18.5 entropy = 0.985 samples = 103 value = [59, 0, 44] class = Low
alcohol <= 12.8 entropy = 0.65 samples = 12 value = [10, 2, 0] class = Low
fixed acidity <= 8.05 entropy = 0.397 samples = 51 value = [0, 47, 4] class = Medium
alcohol <= 9.75 entropy = 0.784 samples = 197 value = [0, 151, 46] class = Medium
fixed acidity <= 13.7 entropy = 1.17 samples = 94 value = [3.0, 43.0, 48.0] class = High
pH <= 3.025 entropy = 1.348 samples = 88 value = [16, 18, 54] class = High
volatile acidity <= 0.85 entropy = 1.03 samples = 166 value = [2, 104, 60] class = Medium
density <= 0.998 entropy = 0.811 samples = 4 value = [3, 1, 0] class = Low
entropy = 0.0 samples = 33 value = [0, 33, 0] class = Medium
sulphates <= 0.585 entropy = 0.773 samples = 44 value = [0, 34, 10] class = Medium
pH <= 3.34 entropy = 1.577 samples = 47 value = [15, 14, 18] class = High
sulphates <= 0.745 entropy = 1.0 samples = 51 value = [26, 0, 25] class = Low
pH <= 3.405 entropy = 0.991 samples = 18 value = [0, 8, 10] class = High
alcohol <= 10.9 entropy = 0.971 samples = 5 value = [2, 3, 0] class = Medium
volatile acidity <= 0.595 entropy = 1.408 samples = 100 value = [12, 46, 42] class = Medium
sulphates <= 0.675 entropy = 1.054 samples = 133 value = [6, 33, 94] class = High
volatile acidity <= 1.015 entropy = 0.985 samples = 7 value = [0, 4, 3] class = Medium
entropy = 0.0 samples = 17 value = [0, 17, 0] class = Medium
citric acid <= 0.67 entropy = 1.036 samples = 35 value = [10, 1, 24] class = High
alcohol <= 12.05 entropy = 1.061 samples = 8 value = [6, 1, 1] class = Low
citric acid <= 0.03 entropy = 0.89 samples = 13 value = [0, 9, 4] class = Medium
residual sugar <= 2.45 entropy = 1.058 samples = 28 value = [3, 4, 21] class = High
sulphates <= 0.685 entropy = 0.899 samples = 73 value = [50, 0, 23] class = Low
pH <= 3.36 entropy = 0.881 samples = 30 value = [9, 0, 21] class = High
entropy = 0.0 samples = 10 value = [10, 0, 0] class = Low
entropy = 0.0 samples = 2 value = [0, 2, 0] class = Medium
entropy = 0.0 samples = 32 value = [0, 32, 0] class = Medium
chlorides <= 0.08 entropy = 0.742 samples = 19 value = [0, 15, 4] class = Medium
pH <= 3.54 entropy = 0.67 samples = 131 value = [0, 108, 23] class = Medium
volatile acidity <= 0.575 entropy = 0.933 samples = 66 value = [0, 43, 23] class = Medium
volatile acidity <= 0.27 entropy = 1.073 samples = 92 value = [1, 43, 48] class = High
entropy = 0.0 samples = 2 value = [2, 0, 0] class = Low
entropy = 0.0 samples = 4 value = [4, 0, 0] class = Low
sulphates <= 1.025 entropy = 1.287 samples = 84 value = [12.0, 18.0, 54.0] class = High
residual sugar <= 1.85 entropy = 1.005 samples = 160 value = [1, 99, 60] class = Medium
chlorides <= 0.138 entropy = 0.65 samples = 6 value = [1, 5, 0] class = Medium
entropy = 0.0 samples = 1 value = [0, 1, 0] class = Medium
entropy = 0.0 samples = 3 value = [3, 0, 0] class = Low
total sulfur dioxide <= 98.0 entropy = 0.722 samples = 5 value = [0, 1, 4] class = High
chlorides <= 0.109 entropy = 0.619 samples = 39 value = [0, 33, 6] class = Medium
residual sugar <= 2.95 entropy = 1.513 samples = 40 value = [14, 8, 18] class = High
fixed acidity <= 7.8 entropy = 0.592 samples = 7 value = [1, 6, 0] class = Medium
pH <= 3.285 entropy = 0.887 samples = 23 value = [7, 0, 16] class = High
fixed acidity <= 7.85 entropy = 0.906 samples = 28 value = [19, 0, 9] class = Low
free sulfur dioxide <= 31.5 entropy = 0.918 samples = 15 value = [0, 5, 10] class = High
entropy = 0.0 samples = 3 value = [0, 3, 0] class = Medium
entropy = 0.0 samples = 2 value = [2, 0, 0] class = Low
entropy = 0.0 samples = 3 value = [0, 3, 0] class = Medium
pH <= 3.455 entropy = 1.51 samples = 63 value = [12, 24, 27] class = High
residual sugar <= 2.45 entropy = 0.974 samples = 37 value = [0, 22, 15] class = Medium
sulphates <= 0.525 entropy = 0.826 samples = 81 value = [0, 21, 60] class = High
total sulfur dioxide <= 100.5 entropy = 1.248 samples = 52 value = [6, 12, 34] class = High
citric acid <= 0.005 entropy = 0.811 samples = 4 value = [0, 1, 3] class = High
entropy = 0.0 samples = 3 value = [0, 3, 0] class = Medium
sulphates <= 0.625 entropy = 0.874 samples = 34 value = [10, 0, 24] class = High
entropy = 0.0 samples = 1 value = [0, 1, 0] class = Medium
entropy = 0.0 samples = 1 value = [0, 1, 0] class = Medium
pH <= 3.25 entropy = 0.592 samples = 7 value = [6, 0, 1] class = Low
entropy = 0.0 samples = 3 value = [0, 0, 3] class = High
total sulfur dioxide <= 102.5 entropy = 0.469 samples = 10 value = [0, 9, 1] class = Medium
free sulfur dioxide <= 31.5 entropy = 0.65 samples = 18 value = [3, 0, 15] class = High
total sulfur dioxide <= 26.5 entropy = 0.971 samples = 10 value = [0, 4, 6] class = High
total sulfur dioxide <= 17.5 entropy = 0.9 samples = 19 value = [6, 0, 13] class = High
citric acid <= 0.43 entropy = 0.691 samples = 54 value = [44, 0, 10] class = Low
residual sugar <= 2.15 entropy = 0.996 samples = 13 value = [7, 0, 6] class = Low
pH <= 3.71 entropy = 0.523 samples = 17 value = [2, 0, 15] class = High
entropy = 1.0 samples = 8 value = [0, 4, 4] class = Medium
entropy = 0.0 samples = 11 value = [0, 11, 0] class = Medium
entropy = 0.625 samples = 128 value = [0, 108, 20] class = Medium
entropy = 0.0 samples = 3 value = [0, 0, 3] class = High
entropy = 0.918 samples = 21 value = [0, 7, 14] class = High
entropy = 0.722 samples = 45 value = [0, 36, 9] class = Medium
entropy = 0.0 samples = 6 value = [0, 0, 6] class = High
entropy = 1.08 samples = 86 value = [1, 43, 42] class = Medium
entropy = 1.224 samples = 81 value = [9, 18, 54] class = High
entropy = 0.0 samples = 3 value = [3, 0, 0] class = Low
entropy = 0.731 samples = 44 value = [0, 35, 9] class = Medium
entropy = 1.054 samples = 116 value = [1, 64, 51] class = Medium
entropy = 0.0 samples = 5 value = [0, 5, 0] class = Medium
entropy = 0.0 samples = 1 value = [1, 0, 0] class = Low
entropy = 0.0 samples = 4 value = [0, 0, 4] class = High
entropy = 0.0 samples = 1 value = [0, 1, 0] class = Medium
entropy = 0.422 samples = 35 value = [0, 32, 3] class = Medium
entropy = 0.811 samples = 4 value = [0, 1, 3] class = High
entropy = 1.462 samples = 33 value = [14, 5, 14] class = Low
entropy = 0.985 samples = 7 value = [0, 3, 4] class = High
entropy = 1.0 samples = 2 value = [1, 1, 0] class = Low
entropy = 0.0 samples = 5 value = [0, 5, 0] class = Medium
entropy = 1.0 samples = 14 value = [7, 0, 7] class = Low
entropy = 0.0 samples = 9 value = [0, 0, 9] class = High
entropy = 0.0 samples = 6 value = [6, 0, 0] class = Low
entropy = 0.976 samples = 22 value = [13, 0, 9] class = Low
entropy = 0.994 samples = 11 value = [0, 5, 6] class = High
entropy = 0.0 samples = 4 value = [0, 0, 4] class = High
entropy = 1.514 samples = 52 value = [12.0, 15.0, 25.0] class = High
entropy = 0.684 samples = 11 value = [0, 9, 2] class = Medium
entropy = 0.976 samples = 22 value = [0, 9, 13] class = High
entropy = 0.567 samples = 15 value = [0, 13, 2] class = Medium
entropy = 0.918 samples = 9 value = [0, 6, 3] class = Medium
entropy = 0.738 samples = 72 value = [0, 15, 57] class = High
entropy = 1.126 samples = 47 value = [6.0, 7.0, 34.0] class = High
entropy = 0.0 samples = 5 value = [0, 5, 0] class = Medium
entropy = 0.0 samples = 1 value = [0, 1, 0] class = Medium
entropy = 0.0 samples = 3 value = [0, 0, 3] class = High
entropy = 0.811 samples = 32 value = [8, 0, 24] class = High
entropy = 0.0 samples = 2 value = [2, 0, 0] class = Low
entropy = 0.0 samples = 5 value = [5, 0, 0] class = Low
entropy = 1.0 samples = 2 value = [1, 0, 1] class = Low
entropy = 0.0 samples = 9 value = [0, 9, 0] class = Medium
entropy = 0.0 samples = 1 value = [0, 0, 1] class = High
entropy = 0.337 samples = 16 value = [1, 0, 15] class = High
entropy = 0.0 samples = 2 value = [2, 0, 0] class = Low
entropy = 0.722 samples = 5 value = [0, 4, 1] class = Medium
entropy = 0.0 samples = 5 value = [0, 0, 5] class = High
entropy = 0.65 samples = 6 value = [5, 0, 1] class = Low
entropy = 0.391 samples = 13 value = [1, 0, 12] class = High
entropy = 0.216 samples = 29 value = [28, 0, 1] class = Low
entropy = 0.943 samples = 25 value = [16, 0, 9] class = Low
entropy = 0.722 samples = 5 value = [1, 0, 4] class = High
entropy = 0.811 samples = 8 value = [6, 0, 2] class = Low
entropy = 0.0 samples = 15 value = [0, 0, 15] class = High
entropy = 0.0 samples = 2 value = [2, 0, 0] class = Low