popularity <= 0.48
gini = 0.9
samples = 35000
value = [3535, 3475, 3489, 3515, 3473, 3529, 3474, 3496, 3547
3467]
class = loudness

loudness <= 0.593

gini = 0.852
samples = 19364
value = [1390, 3405, 3151, 3313, 2157, 2978, 133, 2754, 35
48]
class = acousticness

True speechiness <= 0.079

gini = 0.826
samples = 15636
value = [2145, 70, 338, 202, 1316, 551, 3341, 742, 3512, 3419]
class = loudness

False

danceability <= 0.492
gini = 0.416
samples = 3388
value = [6, 340, 119, 2545, 21, 46, 2, 308, 0, 1]
class = duration_ms

popularity <= 0.268
gini = 0.842
samples = 15976
value = [1384, 3065, 3032, 768, 2136, 2932, 131, 2446, 35, 47]
class = acousticness

acousticness <= 0.718
gini = 0.288
samples = 2837
value = [1, 243, 33, 2375, 9, 15, 0, 160, 0, 1]
class = duration_ms

popularity <= 0.308
gini = 0.774
samples = 551
value = [5, 97, 86, 170, 12, 31, 2, 148, 0, 0]
class = duration_ms

popularity <= 0.237
gini = 0.741
samples = 123
value = [0, 39, 8, 43, 4, 8, 0, 20, 0, 1]
class = duration_ms

loudness <= 0.508
gini = 0.253
samples = 2714
value = [1, 204, 25, 2332, 5, 7, 0, 140, 0, 0]
class = duration_ms

danceability <= 0.463
gini = 0.191
samples = 39
value = [0, 35, 1, 2, 0, 0, 0, 1, 0, 0]
class = acousticness

danceability <= 0.187
gini = 0.69
samples = 84
value = [0, 4, 7, 41, 4, 8, 0, 19, 0, 1]
class = duration_ms

instrumentalness <= 0.002
gini = 0.102
samples = 37
value = [0, 35, 0, 2, 0, 0, 0, 0, 0, 0]
class = acousticness

valence <= 0.365
gini = 0.5
samples = 2
value = [0, 0, 1, 0, 0, 0, 0, 1, 0, 0]
class = danceability

gini = 0.0
samples = 1
value = [0, 0, 0, 1, 0, 0, 0, 0, 0, 0]
class = duration_ms

valence <= 0.296
gini = 0.054
samples = 36
value = [0, 35, 0, 1, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 34
value = [0, 34, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

popularity <= 0.126
gini = 0.5
samples = 2
value = [0, 1, 0, 1, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 1
value = [0, 0, 0, 1, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.0
samples = 1
value = [0, 1, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 1, 0, 0]
class = liveness

gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0, 0, 0, 0, 0, 0]
class = danceability

acousticness <= 0.149
gini = 0.266
samples = 27
value = [0, 2, 0, 23, 0, 1, 0, 1, 0, 0]
class = duration_ms

popularity <= 0.348
gini = 0.764
samples = 57
value = [0, 2, 7, 18, 4, 7, 0, 18, 0, 1]
class = duration_ms

popularity <= 0.293
gini = 0.5
samples = 2
value = [0, 1, 0, 0, 0, 0, 0, 1, 0, 0]
class = acousticness

speechiness <= 0.033
gini = 0.15
samples = 25
value = [0, 1, 0, 23, 0, 1, 0, 0, 0, 0]
class = duration_ms

gini = 0.0
samples = 1
value = [0, 1, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 1, 0, 0]
class = liveness

danceability <= 0.144
gini = 0.5
samples = 2
value = [0, 1, 0, 0, 0, 1, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 23
value = [0, 0, 0, 23, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.0
samples = 1
value = [0, 1, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 1, 0, 0, 0, 0]
class = instrumentalness

speechiness <= 0.046
gini = 0.658
samples = 23
value = [0, 2, 4, 12, 0, 4, 0, 1, 0, 0]
class = duration_ms

key <= 7.5
gini = 0.689
samples = 34
value = [0, 0, 3, 6, 4, 3, 0, 17, 0, 1]
class = liveness

valence <= 0.575
gini = 0.391
samples = 13
value = [0, 1, 1, 10, 0, 1, 0, 0, 0, 0]
class = duration_ms

instrumentalness <= 0.244
gini = 0.76
samples = 10
value = [0, 1, 3, 2, 0, 3, 0, 1, 0, 0]
class = danceability

loudness <= 0.59
gini = 0.292
samples = 12
value = [0, 1, 0, 10, 0, 1, 0, 0, 0, 0]
class = duration_ms

gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.165
samples = 11
value = [0, 0, 0, 10, 0, 1, 0, 0, 0, 0]
class = duration_ms

gini = 0.0
samples = 1
value = [0, 1, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

tempo <= 0.27
gini = 0.375
samples = 4
value = [0, 0, 3, 0, 0, 1, 0, 0, 0, 0]
class = danceability

instrumentalness <= 0.886
gini = 0.722
samples = 6
value = [0, 1, 0, 2, 0, 2, 0, 1, 0, 0]
class = duration_ms

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 1, 0, 0, 0, 0]
class = instrumentalness

gini = 0.0
samples = 3
value = [0, 0, 3, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.625
samples = 4
value = [0, 1, 0, 2, 0, 0, 0, 1, 0, 0]
class = duration_ms

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 2, 0, 0, 0, 0]
class = instrumentalness

key <= 0.5
gini = 0.776
samples = 19
value = [0, 0, 3, 6, 1, 3, 0, 5, 0, 1]
class = duration_ms

instrumentalness <= 0.001
gini = 0.32
samples = 15
value = [0, 0, 0, 0, 3, 0, 0, 12, 0, 0]
class = liveness

valence <= 0.498
gini = 0.32
samples = 5
value = [0, 0, 1, 0, 0, 0, 0, 4, 0, 0]
class = liveness

valence <= 0.152
gini = 0.735
samples = 14
value = [0, 0, 2, 6, 1, 3, 0, 1, 0, 1]
class = duration_ms

gini = 0.0
samples = 4
value = [0, 0, 0, 0, 0, 0, 0, 4, 0, 0]
class = liveness

gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.375
samples = 4
value = [0, 0, 0, 1, 0, 3, 0, 0, 0, 0]
class = instrumentalness

gini = 0.68
samples = 10
value = [0, 0, 2, 5, 1, 0, 0, 1, 0, 1]
class = duration_ms

gini = 0.0
samples = 3
value = [0, 0, 0, 0, 3, 0, 0, 0, 0, 0]
class = energy

gini = 0.0
samples = 12
value = [0, 0, 0, 0, 0, 0, 0, 12, 0, 0]
class = liveness

danceability <= 0.375
gini = 0.172
samples = 1855
value = [0, 95, 6, 1684, 1, 2, 0, 67, 0, 0]
class = duration_ms

duration_ms <= 0.059
gini = 0.407
samples = 859
value = [1, 109, 19, 648, 4, 5, 0, 73, 0, 0]
class = duration_ms

duration_ms <= 0.053
gini = 0.123
samples = 1456
value = [0, 63, 1, 1362, 0, 1, 0, 29, 0, 0]
class = duration_ms

popularity <= 0.348
gini = 0.333
samples = 399
value = [0, 32, 5, 322, 1, 1, 0, 38, 0, 0]
class = duration_ms

popularity <= 0.268
gini = 0.207
samples = 669
value = [0, 53, 1, 593, 0, 1, 0, 21, 0, 0]
class = duration_ms

tempo <= 0.822
gini = 0.045
samples = 787
value = [0, 10, 0, 769, 0, 0, 0, 8, 0, 0]
class = duration_ms

popularity <= 0.101
gini = 0.288
samples = 235
value = [0, 41, 0, 194, 0, 0, 0, 0, 0, 0]
class = duration_ms

instrumentalness <= 0.0
gini = 0.152
samples = 434
value = [0, 12, 1, 399, 0, 1, 0, 21, 0, 0]
class = duration_ms

gini = 0.0
samples = 109
value = [0, 0, 0, 109, 0, 0, 0, 0, 0, 0]
class = duration_ms

popularity <= 0.207
gini = 0.439
samples = 126
value = [0, 41, 0, 85, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.459
samples = 42
value = [0, 27, 0, 15, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.278
samples = 84
value = [0, 14, 0, 70, 0, 0, 0, 0, 0, 0]
class = duration_ms

loudness <= 0.436
gini = 0.48
samples = 5
value = [0, 0, 0, 2, 0, 0, 0, 3, 0, 0]
class = liveness

liveness <= 0.348
gini = 0.141
samples = 429
value = [0, 12, 1, 397, 0, 1, 0, 18, 0, 0]
class = duration_ms

gini = 0.0
samples = 2
value = [0, 0, 0, 2, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 3, 0, 0]
class = liveness

gini = 0.116
samples = 412
value = [0, 10, 0, 387, 0, 1, 0, 14, 0, 0]
class = duration_ms

gini = 0.581
samples = 17
value = [0, 2, 1, 10, 0, 0, 0, 4, 0, 0]
class = duration_ms

liveness <= 0.938
gini = 0.043
samples = 785
value = [0, 9, 0, 768, 0, 0, 0, 8, 0, 0]
class = duration_ms

danceability <= 0.183
gini = 0.5
samples = 2
value = [0, 1, 0, 1, 0, 0, 0, 0, 0, 0]
class = acousticness

loudness <= 0.468
gini = 0.04
samples = 783
value = [0, 8, 0, 767, 0, 0, 0, 8, 0, 0]
class = duration_ms

danceability <= 0.219
gini = 0.5
samples = 2
value = [0, 1, 0, 1, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.014
samples = 585
value = [0, 0, 0, 581, 0, 0, 0, 4, 0, 0]
class = duration_ms

gini = 0.115
samples = 198
value = [0, 8, 0, 186, 0, 0, 0, 4, 0, 0]
class = duration_ms

gini = 0.0
samples = 1
value = [0, 1, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 1
value = [0, 0, 0, 1, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.0
samples = 1
value = [0, 0, 0, 1, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.0
samples = 1
value = [0, 1, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

popularity <= 0.237
gini = 0.265
samples = 271
value = [0, 32, 4, 230, 0, 0, 0, 5, 0, 0]
class = duration_ms

acousticness <= 0.98
gini = 0.417
samples = 128
value = [0, 0, 1, 92, 1, 1, 0, 33, 0, 0]
class = duration_ms

popularity <= 0.111
gini = 0.361
samples = 116
value = [0, 26, 0, 89, 0, 0, 0, 1, 0, 0]
class = duration_ms

instrumentalness <= 0.055
gini = 0.17
samples = 155
value = [0, 6, 4, 141, 0, 0, 0, 4, 0, 0]
class = duration_ms

danceability <= 0.487
gini = 0.142
samples = 66
value = [0, 4, 0, 61, 0, 0, 0, 1, 0, 0]
class = duration_ms

valence <= 0.365
gini = 0.493
samples = 50
value = [0, 22, 0, 28, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.116
samples = 65
value = [0, 4, 0, 61, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 1, 0, 0]
class = liveness

gini = 0.42
samples = 30
value = [0, 21, 0, 9, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.095
samples = 20
value = [0, 1, 0, 19, 0, 0, 0, 0, 0, 0]
class = duration_ms

valence <= 0.285
gini = 0.568
samples = 9
value = [0, 0, 3, 5, 0, 0, 0, 1, 0, 0]
class = duration_ms

speechiness <= 0.031
gini = 0.13
samples = 146
value = [0, 6, 1, 136, 0, 0, 0, 3, 0, 0]
class = duration_ms

gini = 0.278
samples = 6
value = [0, 0, 1, 5, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.444
samples = 3
value = [0, 0, 2, 0, 0, 0, 0, 1, 0, 0]
class = danceability

gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.118
samples = 145
value = [0, 6, 0, 136, 0, 0, 0, 3, 0, 0]
class = duration_ms

liveness <= 0.167
gini = 0.542
samples = 43
value = [0, 0, 1, 19, 1, 0, 0, 22, 0, 0]
class = liveness

instrumentalness <= 0.936
gini = 0.246
samples = 85
value = [0, 0, 0, 73, 0, 1, 0, 11, 0, 0]
class = duration_ms

popularity <= 0.439
gini = 0.544
samples = 35
value = [0, 0, 1, 19, 1, 0, 0, 14, 0, 0]
class = duration_ms

gini = 0.0
samples = 8
value = [0, 0, 0, 0, 0, 0, 0, 8, 0, 0]
class = liveness

gini = 0.417
samples = 27
value = [0, 0, 0, 19, 0, 0, 0, 8, 0, 0]
class = duration_ms

gini = 0.406
samples = 8
value = [0, 0, 1, 0, 1, 0, 0, 6, 0, 0]
class = liveness

instrumentalness <= 0.159
gini = 0.133
samples = 71
value = [0, 0, 0, 66, 0, 1, 0, 4, 0, 0]
class = duration_ms

loudness <= 0.36
gini = 0.5
samples = 14
value = [0, 0, 0, 7, 0, 0, 0, 7, 0, 0]
class = duration_ms

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 2, 0, 0]
class = liveness

gini = 0.084
samples = 69
value = [0, 0, 0, 66, 0, 1, 0, 2, 0, 0]
class = duration_ms

gini = 0.0
samples = 4
value = [0, 0, 0, 4, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.42
samples = 10
value = [0, 0, 0, 3, 0, 0, 0, 7, 0, 0]
class = liveness

popularity <= 0.328
gini = 0.522
samples = 442
value = [1, 90, 16, 289, 4, 4, 0, 38, 0, 0]
class = duration_ms

speechiness <= 0.036
gini = 0.25
samples = 417
value = [0, 19, 3, 359, 0, 1, 0, 35, 0, 0]
class = duration_ms

popularity <= 0.086
gini = 0.488
samples = 276
value = [0, 85, 7, 178, 0, 2, 0, 4, 0, 0]
class = duration_ms

instrumentalness <= 0.022
gini = 0.506
samples = 166
value = [1, 5, 9, 111, 4, 2, 0, 34, 0, 0]
class = duration_ms

acousticness <= 0.805
gini = 0.167
samples = 56
value = [0, 3, 1, 51, 0, 0, 0, 1, 0, 0]
class = duration_ms

popularity <= 0.227
gini = 0.527
samples = 220
value = [0, 82, 6, 127, 0, 2, 0, 3, 0, 0]
class = duration_ms

gini = 0.0
samples = 2
value = [0, 2, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

liveness <= 0.927
gini = 0.107
samples = 54
value = [0, 1, 1, 51, 0, 0, 0, 1, 0, 0]
class = duration_ms

gini = 0.073
samples = 53
value = [0, 1, 0, 51, 0, 0, 0, 1, 0, 0]
class = duration_ms

gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0, 0, 0, 0, 0, 0]
class = danceability

valence <= 0.398
gini = 0.475
samples = 81
value = [0, 51, 1, 29, 0, 0, 0, 0, 0, 0]
class = acousticness

instrumentalness <= 0.956
gini = 0.451
samples = 139
value = [0, 31, 5, 98, 0, 2, 0, 3, 0, 0]
class = duration_ms

gini = 0.42
samples = 69
value = [0, 49, 1, 19, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.278
samples = 12
value = [0, 2, 0, 10, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.42
samples = 133
value = [0, 25, 5, 98, 0, 2, 0, 3, 0, 0]
class = duration_ms

gini = 0.0
samples = 6
value = [0, 6, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

popularity <= 0.379
gini = 0.704
samples = 43
value = [1, 0, 7, 16, 4, 0, 0, 15, 0, 0]
class = duration_ms

danceability <= 0.216
gini = 0.377
samples = 123
value = [0, 5, 2, 95, 0, 2, 0, 19, 0, 0]
class = duration_ms

energy <= 0.075
gini = 0.471
samples = 17
value = [1, 0, 2, 12, 0, 0, 0, 2, 0, 0]
class = duration_ms

valence <= 0.229
gini = 0.666
samples = 26
value = [0, 0, 5, 4, 4, 0, 0, 13, 0, 0]
class = liveness

gini = 0.5
samples = 2
value = [0, 0, 1, 0, 0, 0, 0, 1, 0, 0]
class = danceability

gini = 0.347
samples = 15
value = [1, 0, 1, 12, 0, 0, 0, 1, 0, 0]
class = duration_ms

gini = 0.379
samples = 13
value = [0, 0, 2, 1, 0, 0, 0, 10, 0, 0]
class = liveness

gini = 0.746
samples = 13
value = [0, 0, 3, 3, 4, 0, 0, 3, 0, 0]
class = energy

gini = 0.0
samples = 36
value = [0, 0, 0, 36, 0, 0, 0, 0, 0, 0]
class = duration_ms

duration_ms <= 0.031
gini = 0.488
samples = 87
value = [0, 5, 2, 59, 0, 2, 0, 19, 0, 0]
class = duration_ms

gini = 0.213
samples = 34
value = [0, 0, 0, 30, 0, 1, 0, 3, 0, 0]
class = duration_ms

gini = 0.599
samples = 53
value = [0, 5, 2, 29, 0, 1, 0, 16, 0, 0]
class = duration_ms

instrumentalness <= 0.404
gini = 0.551
samples = 53
value = [0, 3, 1, 31, 0, 1, 0, 17, 0, 0]
class = duration_ms

acousticness <= 0.872
gini = 0.184
samples = 364
value = [0, 16, 2, 328, 0, 0, 0, 18, 0, 0]
class = duration_ms

gini = 0.0
samples = 7
value = [0, 0, 0, 0, 0, 0, 0, 7, 0, 0]
class = liveness

popularity <= 0.409
gini = 0.493
samples = 46
value = [0, 3, 1, 31, 0, 1, 0, 10, 0, 0]
class = duration_ms

energy <= 0.082
gini = 0.408
samples = 37
value = [0, 3, 1, 28, 0, 1, 0, 4, 0, 0]
class = duration_ms

acousticness <= 0.971
gini = 0.444
samples = 9
value = [0, 0, 0, 3, 0, 0, 0, 6, 0, 0]
class = liveness

gini = 0.653
samples = 7
value = [0, 3, 0, 2, 0, 0, 0, 2, 0, 0]
class = acousticness

gini = 0.242
samples = 30
value = [0, 0, 1, 26, 0, 1, 0, 2, 0, 0]
class = duration_ms

gini = 0.0
samples = 5
value = [0, 0, 0, 0, 0, 0, 0, 5, 0, 0]
class = liveness

gini = 0.375
samples = 4
value = [0, 0, 0, 3, 0, 0, 0, 1, 0, 0]
class = duration_ms

tempo <= 0.386
gini = 0.469
samples = 34
value = [0, 0, 2, 23, 0, 0, 0, 9, 0, 0]
class = duration_ms

energy <= 0.334
gini = 0.143
samples = 330
value = [0, 16, 0, 305, 0, 0, 0, 9, 0, 0]
class = duration_ms

liveness <= 0.847
gini = 0.185
samples = 20
value = [0, 0, 1, 18, 0, 0, 0, 1, 0, 0]
class = duration_ms

danceability <= 0.318
gini = 0.541
samples = 14
value = [0, 0, 1, 5, 0, 0, 0, 8, 0, 0]
class = liveness

gini = 0.1
samples = 19
value = [0, 0, 0, 18, 0, 0, 0, 1, 0, 0]
class = duration_ms

gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.408
samples = 7
value = [0, 0, 0, 5, 0, 0, 0, 2, 0, 0]
class = duration_ms

gini = 0.245
samples = 7
value = [0, 0, 1, 0, 0, 0, 0, 6, 0, 0]
class = liveness

tempo <= 0.131
gini = 0.133
samples = 327
value = [0, 16, 0, 304, 0, 0, 0, 7, 0, 0]
class = duration_ms

danceability <= 0.391
gini = 0.444
samples = 3
value = [0, 0, 0, 1, 0, 0, 0, 2, 0, 0]
class = liveness

gini = 0.444
samples = 3
value = [0, 0, 0, 1, 0, 0, 0, 2, 0, 0]
class = liveness

gini = 0.123
samples = 324
value = [0, 16, 0, 303, 0, 0, 0, 5, 0, 0]
class = duration_ms

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 2, 0, 0]
class = liveness

gini = 0.0
samples = 1
value = [0, 0, 0, 1, 0, 0, 0, 0, 0, 0]
class = duration_ms

instrumentalness <= 0.845
gini = 0.671
samples = 238
value = [1, 94, 33, 92, 0, 3, 0, 15, 0, 0]
class = acousticness

acousticness <= 0.983
gini = 0.719
samples = 313
value = [4, 3, 53, 78, 12, 28, 2, 133, 0, 0]
class = liveness

acousticness <= 0.791

gini = 0.667
samples = 113
value = [1, 17, 33, 53, 0, 1, 0, 8, 0, 0]
class = duration_ms

popularity <= 0.258
gini = 0.52
samples = 125
value = [0, 77, 0, 39, 0, 2, 0, 7, 0, 0]
class = acousticness

instrumentalness <= 0.109
gini = 0.49
samples = 28
value = [0, 6, 19, 1, 0, 1, 0, 1, 0, 0]
class = danceability

danceability <= 0.685
gini = 0.575
samples = 85
value = [1, 11, 14, 52, 0, 0, 0, 7, 0, 0]
class = duration_ms

loudness <= 0.242
gini = 0.215
samples = 17
value = [0, 0, 15, 1, 0, 1, 0, 0, 0, 0]
class = danceability

duration_ms <= 0.035
gini = 0.562
samples = 11
value = [0, 6, 4, 0, 0, 0, 0, 1, 0, 0]
class = acousticness

gini = 0.0
samples = 1
value = [0, 0, 0, 1, 0, 0, 0, 0, 0, 0]
class = duration_ms

liveness <= 0.06
gini = 0.117
samples = 16
value = [0, 0, 15, 0, 0, 1, 0, 0, 0, 0]
class = danceability

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 1, 0, 0, 0, 0]
class = instrumentalness

gini = 0.0
samples = 15
value = [0, 0, 15, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.0
samples = 6
value = [0, 6, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

danceability <= 0.65
gini = 0.32
samples = 5
value = [0, 0, 4, 0, 0, 0, 0, 1, 0, 0]
class = danceability

gini = 0.0
samples = 4
value = [0, 0, 4, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 1, 0, 0]
class = liveness

liveness <= 0.154
gini = 0.543
samples = 79
value = [1, 11, 9, 51, 0, 0, 0, 7, 0, 0]
class = duration_ms

duration_ms <= 0.014
gini = 0.278
samples = 6
value = [0, 0, 5, 1, 0, 0, 0, 0, 0, 0]
class = danceability

popularity <= 0.222
gini = 0.639
samples = 51
value = [0, 11, 8, 27, 0, 0, 0, 5, 0, 0]
class = duration_ms

key <= 0.5
gini = 0.258
samples = 28
value = [1, 0, 1, 24, 0, 0, 0, 2, 0, 0]
class = duration_ms

mode <= 0.5
gini = 0.601
samples = 24
value = [0, 10, 0, 11, 0, 0, 0, 3, 0, 0]
class = duration_ms

loudness <= 0.561
gini = 0.554
samples = 27
value = [0, 1, 8, 16, 0, 0, 0, 2, 0, 0]
class = duration_ms

gini = 0.375
samples = 8
value = [0, 6, 0, 0, 0, 0, 0, 2, 0, 0]
class = acousticness

gini = 0.461
samples = 16
value = [0, 4, 0, 11, 0, 0, 0, 1, 0, 0]
class = duration_ms

gini = 0.442
samples = 22
value = [0, 1, 3, 16, 0, 0, 0, 2, 0, 0]
class = duration_ms

gini = 0.0
samples = 5
value = [0, 0, 5, 0, 0, 0, 0, 0, 0, 0]
class = danceability

liveness <= 0.287
gini = 0.444
samples = 3
value = [0, 0, 0, 1, 0, 0, 0, 2, 0, 0]
class = liveness

danceability <= 0.498
gini = 0.15
samples = 25
value = [1, 0, 1, 23, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 2, 0, 0]
class = liveness

gini = 0.0
samples = 1
value = [0, 0, 0, 1, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.08
samples = 24
value = [1, 0, 0, 23, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.0
samples = 1
value = [0, 0, 0, 1, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.0
samples = 5
value = [0, 0, 5, 0, 0, 0, 0, 0, 0, 0]
class = danceability

popularity <= 0.056
gini = 0.388
samples = 84
value = [0, 64, 0, 14, 0, 1, 0, 5, 0, 0]
class = acousticness

danceability <= 0.656
gini = 0.525
samples = 41
value = [0, 13, 0, 25, 0, 1, 0, 2, 0, 0]
class = duration_ms

danceability <= 0.533
gini = 0.643
samples = 14
value = [0, 2, 0, 7, 0, 1, 0, 4, 0, 0]
class = duration_ms

danceability <= 0.523
gini = 0.205
samples = 70
value = [0, 62, 0, 7, 0, 0, 0, 1, 0, 0]
class = acousticness

speechiness <= 0.034
gini = 0.245
samples = 7
value = [0, 1, 0, 6, 0, 0, 0, 0, 0, 0]
class = duration_ms

popularity <= 0.005
gini = 0.612
samples = 7
value = [0, 1, 0, 1, 0, 1, 0, 4, 0, 0]
class = liveness

gini = 0.0
samples = 1
value = [0, 1, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 6
value = [0, 0, 0, 6, 0, 0, 0, 0, 0, 0]
class = duration_ms

danceability <= 0.608
gini = 0.667
samples = 3
value = [0, 1, 0, 1, 0, 1, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 4
value = [0, 0, 0, 0, 0, 0, 0, 4, 0, 0]
class = liveness

gini = 0.0
samples = 1
value = [0, 1, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.5
samples = 2
value = [0, 0, 0, 1, 0, 1, 0, 0, 0, 0]
class = duration_ms

valence <= 0.23
gini = 0.444
samples = 18
value = [0, 12, 0, 6, 0, 0, 0, 0, 0, 0]
class = acousticness

valence <= 0.758
gini = 0.075
samples = 52
value = [0, 50, 0, 1, 0, 0, 0, 1, 0, 0]
class = acousticness

gini = 0.0
samples = 10
value = [0, 10, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

acousticness <= 0.979
gini = 0.375
samples = 8
value = [0, 2, 0, 6, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.444
samples = 3
value = [0, 2, 0, 1, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 5
value = [0, 0, 0, 5, 0, 0, 0, 0, 0, 0]
class = duration_ms

liveness <= 0.076
gini = 0.038
samples = 51
value = [0, 50, 0, 1, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 1, 0, 0]
class = liveness

gini = 0.375
samples = 4
value = [0, 3, 0, 1, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 47
value = [0, 47, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

speechiness <= 0.033
gini = 0.452
samples = 36
value = [0, 9, 0, 25, 0, 0, 0, 2, 0, 0]
class = duration_ms

key <= 8.0
gini = 0.32
samples = 5
value = [0, 4, 0, 0, 0, 1, 0, 0, 0, 0]
class = acousticness

valence <= 0.174
gini = 0.375
samples = 4
value = [0, 3, 0, 0, 0, 0, 0, 1, 0, 0]
class = acousticness

loudness <= 0.531
gini = 0.354
samples = 32
value = [0, 6, 0, 25, 0, 0, 0, 1, 0, 0]
class = duration_ms

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 1, 0, 0]
class = liveness

gini = 0.0
samples = 3
value = [0, 3, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

duration_ms <= 0.018
gini = 0.211
samples = 25
value = [0, 3, 0, 22, 0, 0, 0, 0, 0, 0]
class = duration_ms

key <= 6.0
gini = 0.612
samples = 7
value = [0, 3, 0, 3, 0, 0, 0, 1, 0, 0]
class = acousticness

gini = 0.5
samples = 4
value = [0, 2, 0, 2, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.091
samples = 21
value = [0, 1, 0, 20, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.56
samples = 5
value = [0, 1, 0, 3, 0, 0, 0, 1, 0, 0]
class = duration_ms

gini = 0.0
samples = 2
value = [0, 2, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 4
value = [0, 4, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 1, 0, 0, 0, 0]
class = instrumentalness

instrumentalness <= 0.101

gini = 0.701
samples = 262
value = [3, 3, 53, 37, 12, 28, 2, 124, 0, 0]
class = liveness

danceability <= 0.614
gini = 0.322
samples = 51
value = [1, 0, 0, 41, 0, 0, 0, 9, 0, 0]
class = duration_ms

popularity <= 0.359
gini = 0.668
samples = 111
value = [1, 0, 40, 5, 12, 3, 2, 48, 0, 0]
class = liveness

acousticness <= 0.667
gini = 0.666
samples = 151
value = [2, 3, 13, 32, 0, 25, 0, 76, 0, 0]
class = liveness

mode <= 0.5
gini = 0.565
samples = 39
value = [0, 0, 23, 3, 1, 1, 0, 11, 0, 0]
class = danceability

popularity <= 0.47
gini = 0.654
samples = 72
value = [1, 0, 17, 2, 11, 2, 2, 37, 0, 0]
class = liveness

tempo <= 0.3
gini = 0.42
samples = 10
value = [0, 0, 3, 0, 0, 0, 0, 7, 0, 0]
class = liveness

duration_ms <= 0.051
gini = 0.492
samples = 29
value = [0, 0, 20, 3, 1, 1, 0, 4, 0, 0]
class = danceability

gini = 0.0
samples = 2
value = [0, 0, 2, 0, 0, 0, 0, 0, 0, 0]
class = danceability

liveness <= 0.096
gini = 0.219
samples = 8
value = [0, 0, 1, 0, 0, 0, 0, 7, 0, 0]
class = liveness

gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.0
samples = 7
value = [0, 0, 0, 0, 0, 0, 0, 7, 0, 0]
class = liveness

acousticness <= 0.383
gini = 0.349
samples = 25
value = [0, 0, 20, 2, 1, 1, 0, 1, 0, 0]
class = danceability

liveness <= 0.19
gini = 0.375
samples = 4
value = [0, 0, 0, 1, 0, 0, 0, 3, 0, 0]
class = liveness

gini = 0.5
samples = 2
value = [0, 0, 0, 0, 1, 1, 0, 0, 0, 0]
class = energy

gini = 0.234
samples = 23
value = [0, 0, 20, 2, 0, 0, 0, 1, 0, 0]
class = danceability

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 2, 0, 0]
class = liveness

gini = 0.5
samples = 2
value = [0, 0, 0, 1, 0, 0, 0, 1, 0, 0]
class = duration_ms

liveness <= 0.126
gini = 0.604
samples = 64
value = [0, 0, 16, 2, 8, 2, 0, 36, 0, 0]
class = liveness

loudness <= 0.578
gini = 0.75
samples = 8
value = [1, 0, 1, 0, 3, 0, 2, 1, 0, 0]
class = energy

tempo <= 0.553
gini = 0.496
samples = 43
value = [0, 0, 12, 1, 1, 1, 0, 28, 0, 0]
class = liveness

liveness <= 0.159
gini = 0.703
samples = 21
value = [0, 0, 4, 1, 7, 1, 0, 8, 0, 0]
class = liveness

gini = 0.449
samples = 38
value = [0, 0, 8, 1, 1, 1, 0, 27, 0, 0]
class = liveness

gini = 0.32
samples = 5
value = [0, 0, 4, 0, 0, 0, 0, 1, 0, 0]
class = danceability

gini = 0.449
samples = 7
value = [0, 0, 1, 0, 5, 1, 0, 0, 0, 0]
class = energy

gini = 0.602
samples = 14
value = [0, 0, 3, 1, 2, 0, 0, 8, 0, 0]
class = liveness

tempo <= 0.563
gini = 0.667
samples = 6
value = [1, 0, 1, 0, 3, 0, 0, 1, 0, 0]
class = energy

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 2, 0, 0, 0]
class = key

gini = 0.375
samples = 4
value = [0, 0, 1, 0, 3, 0, 0, 0, 0, 0]
class = energy

gini = 0.5
samples = 2
value = [1, 0, 0, 0, 0, 0, 0, 1, 0, 0]
class = popularity

valence <= 0.247
gini = 0.58
samples = 38
value = [0, 0, 3, 1, 0, 20, 0, 14, 0, 0]
class = instrumentalness

danceability <= 0.609
gini = 0.613
samples = 113
value = [2, 3, 10, 31, 0, 5, 0, 62, 0, 0]
class = liveness

liveness <= 0.469
gini = 0.124
samples = 15
value = [0, 0, 0, 0, 0, 14, 0, 1, 0, 0]
class = instrumentalness

acousticness <= 0.384
gini = 0.594
samples = 23
value = [0, 0, 3, 1, 0, 6, 0, 13, 0, 0]
class = liveness

gini = 0.0
samples = 14
value = [0, 0, 0, 0, 0, 14, 0, 0, 0, 0]
class = instrumentalness

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 1, 0, 0]
class = liveness

instrumentalness <= 0.717
gini = 0.681
samples = 12
value = [0, 0, 2, 1, 0, 5, 0, 4, 0, 0]
class = instrumentalness

danceability <= 0.783
gini = 0.314
samples = 11
value = [0, 0, 1, 0, 0, 1, 0, 9, 0, 0]
class = liveness

gini = 0.469
samples = 8
value = [0, 0, 0, 0, 0, 5, 0, 3, 0, 0]
class = instrumentalness

gini = 0.625
samples = 4
value = [0, 0, 2, 1, 0, 0, 0, 1, 0, 0]
class = danceability

gini = 0.18
samples = 10
value = [0, 0, 1, 0, 0, 0, 0, 9, 0, 0]
class = liveness

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 1, 0, 0, 0, 0]
class = instrumentalness

loudness <= 0.534
gini = 0.653
samples = 72
value = [2, 1, 6, 30, 0, 4, 0, 29, 0, 0]
class = duration_ms

valence <= 0.853
gini = 0.339
samples = 41
value = [0, 2, 4, 1, 0, 1, 0, 33, 0, 0]
class = liveness

popularity <= 0.389
gini = 0.547
samples = 38
value = [0, 1, 2, 24, 0, 3, 0, 8, 0, 0]
class = duration_ms

liveness <= 0.077
gini = 0.569
samples = 34
value = [2, 0, 4, 6, 0, 1, 0, 21, 0, 0]
class = liveness

gini = 0.331
samples = 21
value = [0, 1, 2, 17, 0, 0, 0, 1, 0, 0]
class = duration_ms

gini = 0.63
samples = 17
value = [0, 0, 0, 7, 0, 3, 0, 7, 0, 0]
class = duration_ms

gini = 0.0
samples = 2
value = [0, 0, 2, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.525
samples = 32
value = [2, 0, 2, 6, 0, 1, 0, 21, 0, 0]
class = liveness

instrumentalness <= 0.932
gini = 0.277
samples = 39
value = [0, 2, 2, 1, 0, 1, 0, 33, 0, 0]
class = liveness

gini = 0.0
samples = 2
value = [0, 0, 2, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.16
samples = 35
value = [0, 0, 2, 1, 0, 0, 0, 32, 0, 0]
class = liveness

gini = 0.625
samples = 4
value = [0, 2, 0, 0, 0, 1, 0, 1, 0, 0]
class = acousticness

instrumentalness <= 0.115
gini = 0.236
samples = 45
value = [1, 0, 0, 39, 0, 0, 0, 5, 0, 0]
class = duration_ms

instrumentalness <= 0.899
gini = 0.444
samples = 6
value = [0, 0, 0, 2, 0, 0, 0, 4, 0, 0]
class = liveness

gini = 0.0
samples = 1
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

key <= 10.5
gini = 0.201
samples = 44
value = [0, 0, 0, 39, 0, 0, 0, 5, 0, 0]
class = duration_ms

danceability <= 0.539
gini = 0.169
samples = 43
value = [0, 0, 0, 39, 0, 0, 0, 4, 0, 0]
class = duration_ms

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 1, 0, 0]
class = liveness

gini = 0.0
samples = 25
value = [0, 0, 0, 25, 0, 0, 0, 0, 0, 0]
class = duration_ms

tempo <= 0.354
gini = 0.346
samples = 18
value = [0, 0, 0, 14, 0, 0, 0, 4, 0, 0]
class = duration_ms

gini = 0.5
samples = 8
value = [0, 0, 0, 4, 0, 0, 0, 4, 0, 0]
class = duration_ms

gini = 0.0
samples = 10
value = [0, 0, 0, 10, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.0
samples = 4
value = [0, 0, 0, 0, 0, 0, 0, 4, 0, 0]
class = liveness

gini = 0.0
samples = 2
value = [0, 0, 0, 2, 0, 0, 0, 0, 0, 0]
class = duration_ms

popularity <= 0.217
gini = 0.557
samples = 3077
value = [14, 1951, 522, 160, 39, 285, 5, 85, 7, 9]
class = acousticness

instrumentalness <= 0.003
gini = 0.839
samples = 12899
value = [1370, 1114, 2510, 608, 2097, 2647, 126, 2361, 28, 38]
class = instrumentalness

popularity <= 0.076
gini = 0.396
samples = 1701
value = [11, 1309, 114, 107, 35, 49, 2, 67, 2, 5]
class = acousticness

loudness <= 0.828
gini = 0.663
samples = 1376
value = [3, 642, 408, 53, 4, 236, 3, 18, 5, 4]
class = acousticness

acousticness <= 0.769

gini = 0.794
samples = 223
value = [3, 19, 29, 74, 29, 17, 0, 49, 0, 3]
class = duration_ms

popularity <= 0.197
gini = 0.234
samples = 1478
value = [8, 1290, 85, 33, 6, 32, 2, 18, 2, 2]
class = acousticness

instrumentalness <= 0.0
gini = 0.81
samples = 118
value = [3, 17, 15, 3, 27, 17, 0, 33, 0, 3]
class = liveness

liveness <= 0.89
gini = 0.501
samples = 105
value = [0, 2, 14, 71, 2, 0, 0, 16, 0, 0]
class = duration_ms

popularity <= 0.005
gini = 0.7
samples = 50
value = [2, 2, 11, 1, 24, 2, 0, 6, 0, 2]
class = energy

speechiness <= 0.034
gini = 0.738
samples = 68
value = [1, 15, 4, 2, 3, 15, 0, 27, 0, 1]
class = liveness

danceability <= 0.64
gini = 0.572
samples = 39
value = [1, 1, 8, 1, 24, 2, 0, 2, 0, 0]
class = energy

energy <= 0.693
gini = 0.744
samples = 11
value = [1, 1, 3, 0, 0, 0, 0, 4, 0, 2]
class = liveness

danceability <= 0.318
gini = 0.465
samples = 32
value = [0, 1, 3, 1, 23, 2, 0, 2, 0, 0]
class = energy

energy <= 0.798
gini = 0.449
samples = 7
value = [1, 0, 5, 0, 1, 0, 0, 0, 0, 0]
class = danceability

gini = 0.444
samples = 3
value = [0, 0, 2, 0, 0, 0, 0, 1, 0, 0]
class = danceability

gini = 0.361
samples = 29
value = [0, 1, 1, 1, 23, 2, 0, 1, 0, 0]
class = energy

gini = 0.0
samples = 5
value = [0, 0, 5, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.5
samples = 2
value = [1, 0, 0, 0, 1, 0, 0, 0, 0, 0]
class = popularity

valence <= 0.711
gini = 0.49
samples = 7
value = [0, 0, 3, 0, 0, 0, 0, 4, 0, 0]
class = liveness

tempo <= 0.482
gini = 0.625
samples = 4
value = [1, 1, 0, 0, 0, 0, 0, 0, 0, 2]
class = mode

gini = 0.375
samples = 4
value = [0, 0, 3, 0, 0, 0, 0, 1, 0, 0]
class = danceability

gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 3, 0, 0]
class = liveness

gini = 0.5
samples = 2
value = [1, 1, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 2]
class = mode

instrumentalness <= 0.04
gini = 0.459
samples = 14
value = [0, 10, 0, 0, 1, 0, 0, 2, 0, 1]
class = acousticness

acousticness <= 0.104
gini = 0.691
samples = 54
value = [1, 5, 4, 2, 2, 15, 0, 25, 0, 0]
class = liveness

instrumentalness <= 0.004
gini = 0.72
samples = 5
value = [0, 1, 0, 0, 1, 0, 0, 2, 0, 1]
class = liveness

gini = 0.0
samples = 9
value = [0, 9, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.667
samples = 3
value = [0, 1, 0, 0, 1, 0, 0, 0, 0, 1]
class = acousticness

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 2, 0, 0]
class = liveness

duration_ms <= 0.031
gini = 0.713
samples = 34
value = [1, 4, 2, 1, 2, 15, 0, 9, 0, 0]
class = instrumentalness

liveness <= 0.896
gini = 0.345
samples = 20
value = [0, 1, 2, 1, 0, 0, 0, 16, 0, 0]
class = liveness

gini = 0.346
samples = 9
value = [0, 2, 0, 0, 0, 0, 0, 7, 0, 0]
class = liveness

gini = 0.611
samples = 25
value = [1, 2, 2, 1, 2, 15, 0, 2, 0, 0]
class = instrumentalness

gini = 0.204
samples = 18
value = [0, 1, 0, 1, 0, 0, 0, 16, 0, 0]
class = liveness

gini = 0.0
samples = 2
value = [0, 0, 2, 0, 0, 0, 0, 0, 0, 0]
class = danceability

loudness <= 0.73
gini = 0.424
samples = 96
value = [0, 2, 6, 71, 2, 0, 0, 15, 0, 0]
class = duration_ms

instrumentalness <= 0.054
gini = 0.198
samples = 9
value = [0, 0, 8, 0, 0, 0, 0, 1, 0, 0]
class = danceability

danceability <= 0.534
gini = 0.299
samples = 83
value = [0, 2, 5, 69, 1, 0, 0, 6, 0, 0]
class = duration_ms

tempo <= 0.442
gini = 0.485
samples = 13
value = [0, 0, 1, 2, 1, 0, 0, 9, 0, 0]
class = liveness

speechiness <= 0.03
gini = 0.203
samples = 73
value = [0, 1, 2, 65, 1, 0, 0, 4, 0, 0]
class = duration_ms

danceability <= 0.554
gini = 0.7
samples = 10
value = [0, 1, 3, 4, 0, 0, 0, 2, 0, 0]
class = duration_ms

gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.181
samples = 72
value = [0, 1, 1, 65, 1, 0, 0, 4, 0, 0]
class = duration_ms

gini = 0.0
samples = 3
value = [0, 0, 3, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.571
samples = 7
value = [0, 1, 0, 4, 0, 0, 0, 2, 0, 0]
class = duration_ms

gini = 0.0
samples = 8
value = [0, 0, 0, 0, 0, 0, 0, 8, 0, 0]
class = liveness

key <= 5.5
gini = 0.72
samples = 5
value = [0, 0, 1, 2, 1, 0, 0, 1, 0, 0]
class = duration_ms

gini = 0.667
samples = 3
value = [0, 0, 1, 0, 1, 0, 0, 1, 0, 0]
class = danceability

gini = 0.0
samples = 2
value = [0, 0, 0, 2, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 1, 0, 0]
class = liveness

gini = 0.0
samples = 8
value = [0, 0, 8, 0, 0, 0, 0, 0, 0, 0]
class = danceability

acousticness <= 0.975
gini = 0.128
samples = 1108
value = [7, 1034, 19, 24, 2, 1, 2, 15, 2, 2]
class = acousticness

loudness <= 0.811
gini = 0.482
samples = 370
value = [1, 256, 66, 9, 4, 31, 0, 3, 0, 0]
class = acousticness

energy <= 0.109
gini = 0.112
samples = 1087
value = [7, 1024, 19, 13, 2, 1, 2, 15, 2, 2]
class = acousticness

liveness <= 0.149
gini = 0.499
samples = 21
value = [0, 10, 0, 11, 0, 0, 0, 0, 0, 0]
class = duration_ms

loudness <= 0.61
gini = 0.408
samples = 7
value = [0, 2, 0, 5, 0, 0, 0, 0, 0, 0]
class = duration_ms

duration_ms <= 0.081
gini = 0.104
samples = 1080
value = [7, 1022, 19, 8, 2, 1, 2, 15, 2, 2]
class = acousticness

gini = 0.0
samples = 2
value = [0, 2, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 5
value = [0, 0, 0, 5, 0, 0, 0, 0, 0, 0]
class = duration_ms

danceability <= 0.871
gini = 0.091
samples = 1062
value = [6, 1012, 17, 6, 2, 1, 2, 12, 2, 2]
class = acousticness

acousticness <= 0.273
gini = 0.636
samples = 18
value = [1, 10, 2, 2, 0, 0, 0, 3, 0, 0]
class = acousticness

gini = 0.088
samples = 1060
value = [6, 1012, 16, 6, 2, 1, 2, 12, 1, 2]
class = acousticness

gini = 0.5
samples = 2
value = [0, 0, 1, 0, 0, 0, 0, 0, 1, 0]
class = danceability

gini = 0.198
samples = 9
value = [1, 8, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.741
samples = 9
value = [0, 2, 2, 2, 0, 0, 0, 3, 0, 0]
class = liveness

duration_ms <= 0.037
gini = 0.426
samples = 13
value = [0, 9, 0, 4, 0, 0, 0, 0, 0, 0]
class = acousticness

energy <= 0.174
gini = 0.219
samples = 8
value = [0, 1, 0, 7, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.0
samples = 7
value = [0, 7, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

key <= 9.0
gini = 0.444
samples = 6
value = [0, 2, 0, 4, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.0
samples = 4
value = [0, 0, 0, 4, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.0
samples = 2
value = [0, 2, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 1
value = [0, 1, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 7
value = [0, 0, 0, 7, 0, 0, 0, 0, 0, 0]
class = duration_ms

duration_ms <= 0.039
gini = 0.624
samples = 188
value = [0, 99, 53, 9, 1, 24, 0, 2, 0, 0]
class = acousticness

danceability <= 0.578
gini = 0.249
samples = 182
value = [1, 157, 13, 0, 3, 7, 0, 1, 0, 0]
class = acousticness

instrumentalness <= 0.029
gini = 0.303
samples = 64
value = [0, 53, 6, 1, 0, 2, 0, 2, 0, 0]
class = acousticness

valence <= 0.297
gini = 0.683
samples = 124
value = [0, 46, 47, 8, 1, 22, 0, 0, 0, 0]
class = danceability

duration_ms <= 0.022
gini = 0.469
samples = 8
value = [0, 3, 5, 0, 0, 0, 0, 0, 0, 0]
class = danceability

speechiness <= 0.122
gini = 0.2
samples = 56
value = [0, 50, 1, 1, 0, 2, 0, 2, 0, 0]
class = acousticness

gini = 0.0
samples = 3
value = [0, 3, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 5
value = [0, 0, 5, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.141
samples = 54
value = [0, 50, 1, 1, 0, 1, 0, 1, 0, 0]
class = acousticness

gini = 0.5
samples = 2
value = [0, 0, 0, 0, 0, 1, 0, 1, 0, 0]
class = instrumentalness

instrumentalness <= 0.0
gini = 0.584
samples = 45
value = [0, 27, 4, 4, 1, 9, 0, 0, 0, 0]
class = acousticness

instrumentalness <= 0.71
gini = 0.616
samples = 79
value = [0, 19, 43, 4, 0, 13, 0, 0, 0, 0]
class = danceability

gini = 0.133
samples = 14
value = [0, 13, 0, 0, 1, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.678
samples = 31
value = [0, 14, 4, 4, 0, 9, 0, 0, 0, 0]
class = acousticness

gini = 0.545
samples = 68
value = [0, 19, 41, 0, 0, 8, 0, 0, 0, 0]
class = danceability

gini = 0.628
samples = 11
value = [0, 0, 2, 4, 0, 5, 0, 0, 0, 0]
class = instrumentalness

acousticness <= 0.471
gini = 0.116
samples = 131
value = [1, 123, 6, 0, 0, 1, 0, 0, 0, 0]
class = acousticness

liveness <= 0.077
gini = 0.519
samples = 51
value = [0, 34, 7, 0, 3, 6, 0, 1, 0, 0]
class = acousticness

duration_ms <= 0.037
gini = 0.077
samples = 127
value = [1, 122, 3, 0, 0, 1, 0, 0, 0, 0]
class = acousticness

key <= 8.5
gini = 0.375
samples = 4
value = [0, 1, 3, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.43
samples = 11
value = [1, 8, 2, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.034
samples = 116
value = [0, 114, 1, 0, 0, 1, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 3
value = [0, 0, 3, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.0
samples = 1
value = [0, 1, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

energy <= 0.845
gini = 0.48
samples = 5
value = [0, 0, 3, 0, 0, 2, 0, 0, 0, 0]
class = danceability

loudness <= 0.901
gini = 0.434
samples = 46
value = [0, 34, 4, 0, 3, 4, 0, 1, 0, 0]
class = acousticness

gini = 0.0
samples = 3
value = [0, 0, 3, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 2, 0, 0, 0, 0]
class = instrumentalness

gini = 0.387
samples = 44
value = [0, 34, 4, 0, 3, 2, 0, 1, 0, 0]
class = acousticness

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 2, 0, 0, 0, 0]
class = instrumentalness

instrumentalness <= 0.649

gini = 0.688
samples = 941
value = [2, 345, 361, 47, 3, 157, 3, 18, 5, 0]
class = danceability

instrumentalness <= 0.001

gini = 0.489
samples = 435
value = [1, 297, 47, 6, 1, 79, 0, 0, 0, 4]
class = acousticness

valence <= 0.625
gini = 0.643
samples = 677
value = [2, 201, 336, 20, 3, 98, 3, 9, 5, 0]
class = danceability

duration_ms <= 0.045
gini = 0.632
samples = 264
value = [0, 144, 25, 27, 0, 59, 0, 9, 0, 0]
class = acousticness

acousticness <= 0.044
gini = 0.682
samples = 452
value = [0, 167, 175, 19, 3, 78, 3, 3, 4, 0]
class = danceability

loudness <= 0.775
gini = 0.456
samples = 225
value = [2, 34, 161, 1, 0, 20, 0, 6, 1, 0]
class = danceability

danceability <= 0.559
gini = 0.684
samples = 151
value = [0, 48, 42, 0, 1, 56, 2, 1, 1, 0]
class = instrumentalness

valence <= 0.257
gini = 0.639
samples = 301
value = [0, 119, 133, 19, 2, 22, 1, 2, 3, 0]
class = danceability

instrumentalness <= 0.0
gini = 0.66
samples = 94
value = [0, 34, 38, 0, 1, 20, 0, 1, 0, 0]
class = danceability

instrumentalness <= 0.005
gini = 0.534
samples = 57
value = [0, 14, 4, 0, 0, 36, 2, 0, 1, 0]
class = instrumentalness

gini = 0.255
samples = 14
value = [0, 12, 1, 0, 1, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.648
samples = 80
value = [0, 22, 37, 0, 0, 20, 0, 1, 0, 0]
class = danceability

gini = 0.669
samples = 25
value = [0, 12, 3, 0, 0, 7, 2, 0, 1, 0]
class = acousticness

gini = 0.174
samples = 32
value = [0, 2, 1, 0, 0, 29, 0, 0, 0, 0]
class = instrumentalness

duration_ms <= 0.045
gini = 0.615
samples = 73
value = [0, 41, 15, 9, 0, 8, 0, 0, 0, 0]
class = acousticness

duration_ms <= 0.078
gini = 0.609
samples = 228
value = [0, 78, 118, 10, 2, 14, 1, 2, 3, 0]
class = danceability

gini = 0.32
samples = 32
value = [0, 26, 4, 2, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.727
samples = 41
value = [0, 15, 11, 7, 0, 8, 0, 0, 0, 0]
class = acousticness

gini = 0.629
samples = 204
value = [0, 77, 96, 10, 2, 13, 1, 2, 3, 0]
class = danceability

gini = 0.156
samples = 24
value = [0, 1, 22, 0, 0, 1, 0, 0, 0, 0]
class = danceability

duration_ms <= 0.018
gini = 0.302
samples = 124
value = [1, 7, 103, 1, 0, 6, 0, 6, 0, 0]
class = danceability

tempo <= 0.468
gini = 0.579
samples = 101
value = [1, 27, 58, 0, 0, 14, 0, 0, 1, 0]
class = danceability

gini = 0.0
samples = 2
value = [0, 2, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

duration_ms <= 0.05
gini = 0.281
samples = 122
value = [1, 5, 103, 1, 0, 6, 0, 6, 0, 0]
class = danceability

gini = 0.15
samples = 88
value = [1, 2, 81, 0, 0, 4, 0, 0, 0, 0]
class = danceability

gini = 0.538
samples = 34
value = [0, 3, 22, 1, 0, 2, 0, 6, 0, 0]
class = danceability

danceability <= 0.565
gini = 0.421
samples = 57
value = [0, 9, 42, 0, 0, 6, 0, 0, 0, 0]
class = danceability

danceability <= 0.737
gini = 0.666
samples = 44
value = [1, 18, 16, 0, 0, 8, 0, 0, 1, 0]
class = acousticness

gini = 0.0
samples = 15
value = [0, 0, 15, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.52
samples = 42
value = [0, 9, 27, 0, 0, 6, 0, 0, 0, 0]
class = danceability

gini = 0.573
samples = 35
value = [0, 17, 15, 0, 0, 3, 0, 0, 0, 0]
class = acousticness

gini = 0.642
samples = 9
value = [1, 1, 1, 0, 0, 5, 0, 0, 1, 0]
class = instrumentalness

loudness <= 0.791
gini = 0.326
samples = 145
value = [0, 118, 9, 9, 0, 9, 0, 0, 0, 0]
class = acousticness

danceability <= 0.532
gini = 0.729
samples = 119
value = [0, 26, 16, 18, 0, 50, 0, 9, 0, 0]
class = instrumentalness

liveness <= 0.104
gini = 0.253
samples = 129
value = [0, 111, 6, 7, 0, 5, 0, 0, 0, 0]
class = acousticness

liveness <= 0.105
gini = 0.695
samples = 16
value = [0, 7, 3, 2, 0, 4, 0, 0, 0, 0]
class = acousticness

tempo <= 0.705
gini = 0.471
samples = 40
value = [0, 28, 5, 6, 0, 1, 0, 0, 0, 0]
class = acousticness

liveness <= 0.446
gini = 0.128
samples = 89
value = [0, 83, 1, 1, 0, 4, 0, 0, 0, 0]
class = acousticness

gini = 0.403
samples = 37
value = [0, 28, 4, 4, 0, 1, 0, 0, 0, 0]
class = acousticness

gini = 0.444
samples = 3
value = [0, 0, 1, 2, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.108
samples = 88
value = [0, 83, 0, 1, 0, 4, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 3, 0, 0, 0, 0]
class = instrumentalness

loudness <= 0.811
gini = 0.627
samples = 13
value = [0, 7, 3, 2, 0, 1, 0, 0, 0, 0]
class = acousticness

gini = 0.719
samples = 8
value = [0, 2, 3, 2, 0, 1, 0, 0, 0, 0]
class = danceability

gini = 0.0
samples = 5
value = [0, 5, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

loudness <= 0.669
gini = 0.74
samples = 65
value = [0, 22, 15, 17, 0, 10, 0, 1, 0, 0]
class = acousticness

loudness <= 0.7
gini = 0.423
samples = 54
value = [0, 4, 1, 1, 0, 40, 0, 8, 0, 0]
class = instrumentalness

instrumentalness <= 0.728
gini = 0.582
samples = 23
value = [0, 2, 4, 14, 0, 2, 0, 1, 0, 0]
class = duration_ms

energy <= 0.587
gini = 0.663
samples = 42
value = [0, 20, 11, 3, 0, 8, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 3
value = [0, 0, 3, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.485
samples = 20
value = [0, 2, 1, 14, 0, 2, 0, 1, 0, 0]
class = duration_ms

gini = 0.204
samples = 18
value = [0, 16, 0, 1, 0, 1, 0, 0, 0, 0]
class = acousticness

gini = 0.67
samples = 24
value = [0, 4, 11, 2, 0, 7, 0, 0, 0, 0]
class = danceability

loudness <= 0.665
gini = 0.58
samples = 10
value = [0, 0, 0, 1, 0, 4, 0, 5, 0, 0]
class = liveness

danceability <= 0.811
gini = 0.317
samples = 44
value = [0, 4, 1, 0, 0, 36, 0, 3, 0, 0]
class = instrumentalness

gini = 0.5
samples = 6
value = [0, 0, 0, 1, 0, 4, 0, 1, 0, 0]
class = instrumentalness

gini = 0.0
samples = 4
value = [0, 0, 0, 0, 0, 0, 0, 4, 0, 0]
class = liveness

gini = 0.261
samples = 41
value = [0, 4, 1, 0, 0, 35, 0, 1, 0, 0]
class = instrumentalness

gini = 0.444
samples = 3
value = [0, 0, 0, 0, 0, 1, 0, 2, 0, 0]
class = liveness

danceability <= 0.707
gini = 0.311
samples = 295
value = [0, 243, 24, 5, 1, 18, 0, 0, 0, 4]
class = acousticness

danceability <= 0.591
gini = 0.634
samples = 140
value = [1, 54, 23, 1, 0, 61, 0, 0, 0, 0]
class = instrumentalness

liveness <= 0.471
gini = 0.27
samples = 286
value = [0, 243, 21, 5, 1, 12, 0, 0, 0, 4]
class = acousticness

tempo <= 0.452
gini = 0.444
samples = 9
value = [0, 0, 3, 0, 0, 6, 0, 0, 0, 0]
class = instrumentalness

speechiness <= 0.317
gini = 0.212
samples = 270
value = [0, 239, 17, 4, 1, 6, 0, 0, 0, 3]
class = acousticness

valence <= 0.485
gini = 0.727
samples = 16
value = [0, 4, 4, 1, 0, 6, 0, 0, 0, 1]
class = instrumentalness

danceability <= 0.293
gini = 0.195
samples = 266
value = [0, 238, 17, 4, 1, 3, 0, 0, 0, 3]
class = acousticness

loudness <= 0.85
gini = 0.375
samples = 4
value = [0, 1, 0, 0, 0, 3, 0, 0, 0, 0]
class = instrumentalness

gini = 0.604
samples = 13
value = [0, 7, 3, 3, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.163
samples = 253
value = [0, 231, 14, 1, 1, 3, 0, 0, 0, 3]
class = acousticness

gini = 0.0
samples = 1
value = [0, 1, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 3, 0, 0, 0, 0]
class = instrumentalness

speechiness <= 0.137
gini = 0.562
samples = 11
value = [0, 4, 0, 1, 0, 6, 0, 0, 0, 0]
class = instrumentalness

loudness <= 0.842
gini = 0.32
samples = 5
value = [0, 0, 4, 0, 0, 0, 0, 0, 0, 1]
class = danceability

gini = 0.5
samples = 6
value = [0, 4, 0, 1, 0, 1, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 5
value = [0, 0, 0, 0, 0, 5, 0, 0, 0, 0]
class = instrumentalness

gini = 0.0
samples = 4
value = [0, 0, 4, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 1]
class = mode

loudness <= 0.837
gini = 0.375
samples = 4
value = [0, 0, 3, 0, 0, 1, 0, 0, 0, 0]
class = danceability

gini = 0.0
samples = 5
value = [0, 0, 0, 0, 0, 5, 0, 0, 0, 0]
class = instrumentalness

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 1, 0, 0, 0, 0]
class = instrumentalness

gini = 0.0
samples = 3
value = [0, 0, 3, 0, 0, 0, 0, 0, 0, 0]
class = danceability

valence <= 0.189
gini = 0.611
samples = 91
value = [1, 49, 17, 1, 0, 23, 0, 0, 0, 0]
class = acousticness

duration_ms <= 0.055
gini = 0.373
samples = 49
value = [0, 5, 6, 0, 0, 38, 0, 0, 0, 0]
class = instrumentalness

speechiness <= 0.038
gini = 0.403
samples = 12
value = [0, 1, 2, 0, 0, 9, 0, 0, 0, 0]
class = instrumentalness

key <= 2.5
gini = 0.563
samples = 79
value = [1, 48, 15, 1, 0, 14, 0, 0, 0, 0]
class = acousticness

duration_ms <= 0.05
gini = 0.5
samples = 2
value = [0, 1, 1, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

loudness <= 0.933
gini = 0.18
samples = 10
value = [0, 0, 1, 0, 0, 9, 0, 0, 0, 0]
class = instrumentalness

gini = 0.0
samples = 1
value = [0, 1, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.0
samples = 9
value = [0, 0, 0, 0, 0, 9, 0, 0, 0, 0]
class = instrumentalness

gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0, 0, 0, 0, 0, 0]
class = danceability

danceability <= 0.259
gini = 0.177
samples = 21
value = [0, 19, 1, 0, 0, 1, 0, 0, 0, 0]
class = acousticness

instrumentalness <= 0.083
gini = 0.641
samples = 58
value = [1, 29, 14, 1, 0, 13, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.095
samples = 20
value = [0, 19, 0, 0, 0, 1, 0, 0, 0, 0]
class = acousticness

gini = 0.436
samples = 27
value = [0, 19, 7, 0, 0, 1, 0, 0, 0, 0]
class = acousticness

gini = 0.693
samples = 31
value = [1, 10, 7, 1, 0, 12, 0, 0, 0, 0]
class = instrumentalness

acousticness <= 0.041
gini = 0.273
samples = 45
value = [0, 2, 5, 0, 0, 38, 0, 0, 0, 0]
class = instrumentalness

valence <= 0.794
gini = 0.375
samples = 4
value = [0, 3, 1, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 32
value = [0, 0, 0, 0, 0, 32, 0, 0, 0, 0]
class = instrumentalness

speechiness <= 0.075
gini = 0.615
samples = 13
value = [0, 2, 5, 0, 0, 6, 0, 0, 0, 0]
class = instrumentalness

gini = 0.593
samples = 9
value = [0, 2, 5, 0, 0, 2, 0, 0, 0, 0]
class = danceability

gini = 0.0
samples = 4
value = [0, 0, 0, 0, 0, 4, 0, 0, 0, 0]
class = instrumentalness

gini = 0.0
samples = 3
value = [0, 3, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0, 0, 0, 0, 0, 0]
class = danceability

popularity <= 0.348
gini = 0.821
samples = 6789
value = [946, 779, 1417, 191, 1939, 599, 117, 753, 23, 25]
class = energy

acousticness <= 0.137
gini = 0.773
samples = 6110
value = [424, 335, 1093, 417, 158, 2048, 9, 1608, 5, 13]
class = instrumentalness

loudness <= 0.836

gini = 0.702
samples = 1693
value = [2, 452, 756, 70, 47, 236, 1, 122, 0, 7]
class = danceability

speechiness <= 0.033
gini = 0.785
samples = 5096
value = [944, 327, 661, 121, 1892, 363, 116, 631, 23, 18]
class = energy

valence <= 0.467
gini = 0.626
samples = 1188
value = [2, 154, 685, 53, 39, 127, 1, 121, 0, 6]
class = danceability

speechiness <= 0.215
gini = 0.584
samples = 505
value = [0, 298, 71, 17, 8, 109, 0, 1, 0, 1]
class = acousticness

loudness <= 0.771
gini = 0.755
samples = 469
value = [2, 82, 190, 38, 21, 83, 0, 48, 0, 5]
class = danceability

loudness <= 0.798
gini = 0.501
samples = 719
value = [0, 72, 495, 15, 18, 44, 1, 73, 0, 1]
class = danceability

acousticness <= 0.611
gini = 0.686
samples = 230
value = [1, 20, 117, 25, 8, 20, 0, 38, 0, 1]
class = danceability

speechiness <= 0.043
gini = 0.762
samples = 239
value = [1, 62, 73, 13, 13, 63, 0, 10, 0, 4]
class = danceability

valence <= 0.243
gini = 0.579
samples = 105
value = [1, 3, 65, 2, 7, 16, 0, 10, 0, 1]
class = danceability

danceability <= 0.277
gini = 0.723
samples = 125
value = [0, 17, 52, 23, 1, 4, 0, 28, 0, 0]
class = danceability

gini = 0.669
samples = 35
value = [1, 2, 15, 1, 0, 13, 0, 2, 0, 1]
class = danceability

gini = 0.464
samples = 70
value = [0, 1, 50, 1, 7, 3, 0, 8, 0, 0]
class = danceability

gini = 0.582
samples = 19
value = [0, 1, 2, 11, 0, 0, 0, 5, 0, 0]
class = duration_ms

gini = 0.693
samples = 106
value = [0, 16, 50, 12, 1, 4, 0, 23, 0, 0]
class = danceability

instrumentalness <= 0.0
gini = 0.749
samples = 136
value = [1, 51, 40, 9, 13, 12, 0, 6, 0, 4]
class = acousticness

danceability <= 0.458
gini = 0.638
samples = 103
value = [0, 11, 33, 4, 0, 51, 0, 4, 0, 0]
class = instrumentalness

gini = 0.465
samples = 43
value = [0, 31, 3, 2, 3, 1, 0, 1, 0, 2]
class = acousticness

gini = 0.761
samples = 93
value = [1, 20, 37, 7, 10, 11, 0, 5, 0, 2]
class = danceability

gini = 0.564
samples = 34
value = [0, 6, 21, 1, 0, 5, 0, 1, 0, 0]
class = danceability

gini = 0.516
samples = 69
value = [0, 5, 12, 3, 0, 46, 0, 3, 0, 0]
class = instrumentalness

duration_ms <= 0.078
gini = 0.421
samples = 488
value = [0, 18, 365, 13, 11, 22, 0, 59, 0, 0]
class = danceability

speechiness <= 0.174
gini = 0.615
samples = 231
value = [0, 54, 130, 2, 7, 22, 1, 14, 0, 1]
class = danceability

speechiness <= 0.226
gini = 0.397
samples = 467
value = [0, 18, 358, 12, 11, 21, 0, 47, 0, 0]
class = danceability

tempo <= 0.606
gini = 0.558
samples = 21
value = [0, 0, 7, 1, 0, 1, 0, 12, 0, 0]
class = liveness

gini = 0.365
samples = 437
value = [0, 18, 345, 11, 11, 14, 0, 38, 0, 0]
class = danceability

gini = 0.667
samples = 30
value = [0, 0, 13, 1, 0, 7, 0, 9, 0, 0]
class = danceability

gini = 0.436
samples = 15
value = [0, 0, 2, 1, 0, 1, 0, 11, 0, 0]
class = liveness

gini = 0.278
samples = 6
value = [0, 0, 5, 0, 0, 0, 0, 1, 0, 0]
class = danceability

duration_ms <= 0.041
gini = 0.572
samples = 211
value = [0, 54, 126, 2, 7, 12, 1, 8, 0, 1]
class = danceability

instrumentalness <= 0.0
gini = 0.62
samples = 20
value = [0, 0, 4, 0, 0, 10, 0, 6, 0, 0]
class = instrumentalness

gini = 0.327
samples = 64
value = [0, 6, 52, 0, 1, 4, 1, 0, 0, 0]
class = danceability

gini = 0.632
samples = 147
value = [0, 48, 74, 2, 6, 8, 0, 8, 0, 1]
class = danceability

gini = 0.628
samples = 11
value = [0, 0, 4, 0, 0, 2, 0, 5, 0, 0]
class = liveness

gini = 0.198
samples = 9
value = [0, 0, 0, 0, 0, 8, 0, 1, 0, 0]
class = instrumentalness

valence <= 0.224
gini = 0.543
samples = 451
value = [0, 289, 66, 17, 8, 69, 0, 1, 0, 1]
class = acousticness

danceability <= 0.491
gini = 0.415
samples = 54
value = [0, 9, 5, 0, 0, 40, 0, 0, 0, 0]
class = instrumentalness

danceability <= 0.505
gini = 0.561
samples = 40
value = [0, 4, 6, 5, 0, 25, 0, 0, 0, 0]
class = instrumentalness

duration_ms <= 0.038
gini = 0.485
samples = 411
value = [0, 285, 60, 12, 8, 44, 0, 1, 0, 1]
class = acousticness

tempo <= 0.464
gini = 0.74
samples = 20
value = [0, 4, 6, 4, 0, 6, 0, 0, 0, 0]
class = danceability

loudness <= 0.842
gini = 0.095
samples = 20
value = [0, 0, 0, 1, 0, 19, 0, 0, 0, 0]
class = instrumentalness

gini = 0.408
samples = 7
value = [0, 2, 5, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.663
samples = 13
value = [0, 2, 1, 4, 0, 6, 0, 0, 0, 0]
class = instrumentalness

gini = 0.0
samples = 1
value = [0, 0, 0, 1, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.0
samples = 19
value = [0, 0, 0, 0, 0, 19, 0, 0, 0, 0]
class = instrumentalness

acousticness <= 0.077
gini = 0.683
samples = 71
value = [0, 24, 27, 1, 2, 17, 0, 0, 0, 0]
class = danceability

instrumentalness <= 0.0
gini = 0.394
samples = 340
value = [0, 261, 33, 11, 6, 27, 0, 1, 0, 1]
class = acousticness

gini = 0.679
samples = 49
value = [0, 20, 12, 1, 1, 15, 0, 0, 0, 0]
class = acousticness

gini = 0.492
samples = 22
value = [0, 4, 15, 0, 1, 2, 0, 0, 0, 0]
class = danceability

gini = 0.315
samples = 298
value = [0, 245, 20, 9, 5, 17, 0, 1, 0, 1]
class = acousticness

gini = 0.7
samples = 42
value = [0, 16, 13, 2, 1, 10, 0, 0, 0, 0]
class = acousticness

speechiness <= 0.305
gini = 0.604
samples = 15
value = [0, 8, 3, 0, 0, 4, 0, 0, 0, 0]
class = acousticness

tempo <= 0.762
gini = 0.145
samples = 39
value = [0, 1, 2, 0, 0, 36, 0, 0, 0, 0]
class = instrumentalness

key <= 8.5
gini = 0.245
samples = 7
value = [0, 6, 1, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

acousticness <= 0.074
gini = 0.625
samples = 8
value = [0, 2, 2, 0, 0, 4, 0, 0, 0, 0]
class = instrumentalness

gini = 0.0
samples = 6
value = [0, 6, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.444
samples = 6
value = [0, 2, 0, 0, 0, 4, 0, 0, 0, 0]
class = instrumentalness

gini = 0.0
samples = 2
value = [0, 0, 2, 0, 0, 0, 0, 0, 0, 0]
class = danceability

danceability <= 0.836
gini = 0.101
samples = 38
value = [0, 1, 1, 0, 0, 36, 0, 0, 0, 0]
class = instrumentalness

gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.053
samples = 37
value = [0, 1, 0, 0, 0, 36, 0, 0, 0, 0]
class = instrumentalness

gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0, 0, 0, 0, 0, 0]
class = danceability

mode <= 0.5
gini = 0.593
samples = 1435
value = [158, 71, 151, 17, 879, 47, 2, 103, 1, 6]
class = energy

acousticness <= 0.014
gini = 0.823
samples = 3661
value = [786, 256, 510, 104, 1013, 316, 114, 528, 22, 12]
class = energy

acousticness <= 0.259
gini = 0.815
samples = 237
value = [46, 12, 40, 7, 65, 24, 0, 41, 0, 2]
class = energy

duration_ms <= 0.049
gini = 0.515
samples = 1198
value = [112, 59, 111, 10, 814, 23, 2, 62, 1, 4]
class = energy

popularity <= 0.409
gini = 0.754
samples = 135
value = [38, 9, 14, 3, 50, 15, 0, 4, 0, 2]
class = energy

tempo <= 0.427
gini = 0.765
samples = 102
value = [8, 3, 26, 4, 15, 9, 0, 37, 0, 0]
class = liveness

instrumentalness <= 0.001
gini = 0.72
samples = 50
value = [0, 7, 11, 1, 22, 6, 0, 3, 0, 0]
class = energy

popularity <= 0.449
gini = 0.677
samples = 85
value = [38, 2, 3, 2, 28, 9, 0, 1, 0, 2]
class = popularity

gini = 0.634
samples = 39
value = [0, 6, 4, 1, 22, 4, 0, 2, 0, 0]
class = energy

gini = 0.545
samples = 11
value = [0, 1, 7, 0, 0, 2, 0, 1, 0, 0]
class = danceability

gini = 0.615
samples = 46
value = [16, 0, 2, 0, 23, 5, 0, 0, 0, 0]
class = energy

gini = 0.646
samples = 39
value = [22, 2, 1, 2, 5, 4, 0, 1, 0, 2]
class = popularity

speechiness <= 0.032
gini = 0.664
samples = 63
value = [1, 2, 16, 3, 5, 4, 0, 32, 0, 0]
class = liveness

popularity <= 0.449
gini = 0.802
samples = 39
value = [7, 1, 10, 1, 10, 5, 0, 5, 0, 0]
class = danceability

gini = 0.73
samples = 40
value = [0, 2, 14, 2, 4, 4, 0, 14, 0, 0]
class = danceability

gini = 0.374
samples = 23
value = [1, 0, 2, 1, 1, 0, 0, 18, 0, 0]
class = liveness

gini = 0.763
samples = 26
value = [0, 1, 9, 1, 6, 5, 0, 4, 0, 0]
class = danceability

gini = 0.604
samples = 13
value = [7, 0, 1, 0, 4, 0, 0, 1, 0, 0]
class = popularity

danceability <= 0.446
gini = 0.401
samples = 903
value = [76, 13, 67, 4, 690, 12, 0, 39, 1, 1]
class = energy

popularity <= 0.409
gini = 0.754
samples = 295
value = [36, 46, 44, 6, 124, 11, 2, 23, 0, 3]
class = energy

duration_ms <= 0.036
gini = 0.676
samples = 114
value = [15, 1, 21, 2, 57, 1, 0, 17, 0, 0]
class = energy

duration_ms <= 0.044
gini = 0.346
samples = 789
value = [61, 12, 46, 2, 633, 11, 0, 22, 1, 1]
class = energy

gini = 0.732
samples = 37
value = [5, 0, 9, 0, 8, 1, 0, 14, 0, 0]
class = liveness

gini = 0.552
samples = 77
value = [10, 1, 12, 2, 49, 0, 0, 3, 0, 0]
class = energy

gini = 0.272
samples = 597
value = [29, 1, 37, 1, 507, 8, 0, 12, 1, 1]
class = energy

gini = 0.533
samples = 192
value = [32, 11, 9, 1, 126, 3, 0, 10, 0, 0]
class = energy

loudness <= 0.834
gini = 0.728
samples = 164
value = [1, 40, 29, 5, 68, 6, 0, 14, 0, 1]
class = energy

danceability <= 0.438
gini = 0.724
samples = 131
value = [35, 6, 15, 1, 56, 5, 2, 9, 0, 2]
class = energy

gini = 0.716
samples = 147
value = [0, 26, 29, 5, 66, 6, 0, 14, 0, 1]
class = energy

gini = 0.304
samples = 17
value = [1, 14, 0, 0, 2, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.733
samples = 25
value = [10, 0, 5, 0, 2, 1, 0, 6, 0, 1]
class = popularity

gini = 0.67
samples = 106
value = [25, 6, 10, 1, 54, 4, 2, 3, 0, 1]
class = energy

popularity <= 0.399
gini = 0.78
samples = 866
value = [336, 130, 78, 48, 123, 105, 20, 20, 4, 2]
class = popularity

acousticness <= 0.456
gini = 0.806
samples = 2795
value = [450, 126, 432, 56, 890, 211, 94, 508, 18, 10]
class = energy

loudness <= 0.865
gini = 0.825
samples = 242
value = [24, 64, 43, 17, 41, 41, 2, 10, 0, 0]
class = acousticness

acousticness <= 0.001
gini = 0.704
samples = 624
value = [312, 66, 35, 31, 82, 64, 18, 10, 4, 2]
class = popularity

duration_ms <= 0.058
gini = 0.84
samples = 185
value = [21, 29, 37, 17, 40, 29, 2, 10, 0, 0]
class = energy

danceability <= 0.631
gini = 0.564
samples = 57
value = [3, 35, 6, 0, 1, 12, 0, 0, 0, 0]
class = acousticness

gini = 0.816
samples = 155
value = [20, 26, 33, 2, 39, 26, 2, 7, 0, 0]
class = energy

gini = 0.7
samples = 30
value = [1, 3, 4, 15, 1, 3, 0, 3, 0, 0]
class = duration_ms

gini = 0.426
samples = 47
value = [3, 35, 5, 0, 1, 3, 0, 0, 0, 0]
class = acousticness

gini = 0.18
samples = 10
value = [0, 0, 1, 0, 0, 9, 0, 0, 0, 0]
class = instrumentalness

duration_ms <= 0.059
gini = 0.553
samples = 246
value = [160, 24, 16, 20, 8, 10, 2, 5, 0, 1]
class = popularity

danceability <= 0.729
gini = 0.762
samples = 378
value = [152, 42, 19, 11, 74, 54, 16, 5, 4, 1]
class = popularity

gini = 0.489
samples = 218
value = [153, 22, 14, 8, 7, 8, 2, 3, 0, 1]
class = popularity

gini = 0.732
samples = 28
value = [7, 2, 2, 12, 1, 2, 0, 2, 0, 0]
class = duration_ms

gini = 0.733
samples = 338
value = [149, 41, 19, 11, 65, 44, 4, 3, 2, 0]
class = popularity

gini = 0.785
samples = 40
value = [3, 1, 0, 0, 9, 10, 12, 2, 2, 1]
class = key

duration_ms <= 0.045
gini = 0.791
samples = 1967
value = [353, 114, 266, 9, 714, 199, 80, 206, 18, 8]
class = energy

duration_ms <= 0.051
gini = 0.764
samples = 828
value = [97, 12, 166, 47, 176, 12, 14, 302, 0, 2]
class = liveness

speechiness <= 0.074
gini = 0.702
samples = 1103
value = [187, 15, 118, 1, 544, 98, 52, 74, 11, 3]
class = energy

loudness <= 0.845
gini = 0.844
samples = 864
value = [166, 99, 148, 8, 170, 101, 28, 132, 7, 5]
class = energy

gini = 0.569
samples = 690
value = [96, 7, 85, 1, 432, 32, 6, 29, 1, 1]
class = energy

gini = 0.821
samples = 413
value = [91, 8, 33, 0, 112, 66, 46, 45, 10, 2]
class = energy

gini = 0.83
samples = 714
value = [139, 37, 136, 6, 155, 75, 24, 130, 7, 5]
class = energy

gini = 0.749
samples = 150
value = [27, 62, 12, 2, 15, 26, 4, 2, 0, 0]
class = acousticness

speechiness <= 0.277
gini = 0.777
samples = 620
value = [85, 3, 144, 33, 153, 8, 10, 182, 0, 2]
class = liveness

danceability <= 0.363
gini = 0.633
samples = 208
value = [12, 9, 22, 14, 23, 4, 4, 120, 0, 0]
class = liveness

gini = 0.766
samples = 574
value = [60, 3, 144, 33, 148, 8, 4, 172, 0, 2]
class = liveness

gini = 0.629
samples = 46
value = [25, 0, 0, 0, 5, 0, 6, 10, 0, 0]
class = popularity

gini = 0.715
samples = 23
value = [3, 1, 3, 11, 1, 1, 0, 3, 0, 0]
class = duration_ms

gini = 0.57
samples = 185
value = [9, 8, 19, 3, 22, 3, 4, 117, 0, 0]
class = liveness

danceability <= 0.595
gini = 0.713
samples = 3246
value = [306, 173, 558, 111, 62, 1529, 6, 488, 2, 11]
class = instrumentalness

danceability <= 0.359
gini = 0.762
samples = 2864
value = [118, 162, 535, 306, 96, 519, 3, 1120, 3, 2]
class = liveness

popularity <= 0.429
gini = 0.787
samples = 1766
value = [228, 148, 456, 104, 36, 573, 2, 208, 1, 10]
class = instrumentalness

tempo <= 0.416
gini = 0.539
samples = 1480
value = [78, 25, 102, 7, 26, 956, 4, 280, 1, 1]
class = instrumentalness

valence <= 0.448
gini = 0.75
samples = 1369
value = [63, 131, 404, 91, 26, 502, 0, 151, 0, 1]
class = instrumentalness

duration_ms <= 0.049
gini = 0.753
samples = 397
value = [165, 17, 52, 13, 10, 71, 2, 57, 1, 9]
class = popularity

danceability <= 0.441
gini = 0.706
samples = 826
value = [37, 84, 141, 67, 12, 401, 0, 84, 0, 0]
class = instrumentalness

instrumentalness <= 0.486
gini = 0.703
samples = 543
value = [26, 47, 263, 24, 14, 101, 0, 67, 0, 1]
class = danceability

valence <= 0.228
gini = 0.791
samples = 392
value = [17, 50, 102, 50, 3, 116, 0, 54, 0, 0]
class = instrumentalness

tempo <= 0.475
gini = 0.546
samples = 434
value = [20, 34, 39, 17, 9, 285, 0, 30, 0, 0]
class = instrumentalness

gini = 0.752
samples = 187
value = [9, 17, 25, 27, 0, 77, 0, 32, 0, 0]
class = instrumentalness

gini = 0.771
samples = 205
value = [8, 33, 77, 23, 3, 39, 0, 22, 0, 0]
class = danceability

gini = 0.713
samples = 169
value = [13, 16, 24, 12, 4, 82, 0, 18, 0, 0]
class = instrumentalness

gini = 0.402
samples = 265
value = [7, 18, 15, 5, 5, 203, 0, 12, 0, 0]
class = instrumentalness

loudness <= 0.804
gini = 0.616
samples = 384
value = [17, 28, 225, 18, 14, 64, 0, 17, 0, 1]
class = danceability

acousticness <= 0.002
gini = 0.771
samples = 159
value = [9, 19, 38, 6, 0, 37, 0, 50, 0, 0]
class = liveness

gini = 0.396
samples = 207
value = [2, 3, 159, 6, 5, 20, 0, 12, 0, 0]
class = danceability

gini = 0.764
samples = 177
value = [15, 25, 66, 12, 9, 44, 0, 5, 0, 1]
class = danceability

gini = 0.78
samples = 55
value = [2, 16, 6, 5, 0, 15, 0, 11, 0, 0]
class = acousticness

gini = 0.714
samples = 104
value = [7, 3, 32, 1, 0, 22, 0, 39, 0, 0]
class = liveness

duration_ms <= 0.038
gini = 0.657
samples = 195
value = [108, 11, 24, 4, 8, 21, 2, 12, 1, 4]
class = popularity

acousticness <= 0.005
gini = 0.787
samples = 202
value = [57, 6, 28, 9, 2, 50, 0, 45, 0, 5]
class = popularity

acousticness <= 0.067
gini = 0.781
samples = 51
value = [18, 0, 11, 2, 2, 8, 1, 7, 1, 1]
class = popularity

acousticness <= 0.0
gini = 0.584
samples = 144
value = [90, 11, 13, 2, 6, 13, 1, 5, 0, 3]
class = popularity

gini = 0.767
samples = 45
value = [18, 0, 6, 2, 2, 8, 1, 6, 1, 1]
class = popularity

gini = 0.278
samples = 6
value = [0, 0, 5, 0, 0, 0, 0, 1, 0, 0]
class = danceability

gini = 0.0
samples = 20
value = [20, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

gini = 0.647
samples = 124
value = [70, 11, 13, 2, 6, 13, 1, 5, 0, 3]
class = popularity

liveness <= 0.388
gini = 0.728
samples = 103
value = [40, 3, 6, 7, 1, 32, 0, 13, 0, 1]
class = popularity

valence <= 0.292
gini = 0.781
samples = 99
value = [17, 3, 22, 2, 1, 18, 0, 32, 0, 4]
class = liveness

gini = 0.722
samples = 93
value = [40, 3, 6, 6, 1, 24, 0, 12, 0, 1]
class = popularity

gini = 0.34
samples = 10
value = [0, 0, 0, 1, 0, 8, 0, 1, 0, 0]
class = instrumentalness

gini = 0.774
samples = 37
value = [10, 3, 4, 2, 0, 12, 0, 6, 0, 0]
class = instrumentalness

gini = 0.713
samples = 62
value = [7, 0, 18, 0, 1, 6, 0, 26, 0, 4]
class = liveness

tempo <= 0.416
gini = 0.654
samples = 510
value = [26, 3, 51, 5, 9, 227, 2, 187, 0, 0]
class = instrumentalness

valence <= 0.643
gini = 0.42
samples = 970
value = [52, 22, 51, 2, 17, 729, 2, 93, 1, 1]
class = instrumentalness

instrumentalness <= 0.181
gini = 0.655
samples = 480
value = [26, 3, 51, 5, 9, 227, 2, 157, 0, 0]
class = instrumentalness

gini = 0.0
samples = 30
value = [0, 0, 0, 0, 0, 0, 0, 30, 0, 0]
class = liveness

valence <= 0.556
gini = 0.707
samples = 188
value = [19, 2, 41, 1, 8, 86, 2, 29, 0, 0]
class = instrumentalness

valence <= 0.239
gini = 0.573
samples = 292
value = [7, 1, 10, 4, 1, 141, 0, 128, 0, 0]
class = instrumentalness

gini = 0.561
samples = 85
value = [12, 0, 5, 1, 6, 54, 0, 7, 0, 0]
class = instrumentalness

gini = 0.73
samples = 103
value = [7, 2, 36, 0, 2, 32, 2, 22, 0, 0]
class = danceability

gini = 0.306
samples = 40
value = [1, 0, 0, 2, 0, 33, 0, 4, 0, 0]
class = instrumentalness

gini = 0.572
samples = 252
value = [6, 1, 10, 2, 1, 108, 0, 124, 0, 0]
class = liveness

energy <= 0.65
gini = 0.293
samples = 682
value = [31, 13, 21, 1, 5, 571, 2, 37, 1, 0]
class = instrumentalness

instrumentalness <= 0.019
gini = 0.642
samples = 288
value = [21, 9, 30, 1, 12, 158, 0, 56, 0, 1]
class = instrumentalness

popularity <= 0.46
gini = 0.499
samples = 179
value = [16, 4, 9, 0, 0, 123, 2, 24, 1, 0]
class = instrumentalness

instrumentalness <= 0.028
gini = 0.204
samples = 503
value = [15, 9, 12, 1, 5, 448, 0, 13, 0, 0]
class = instrumentalness

gini = 0.451
samples = 162
value = [9, 4, 9, 0, 0, 117, 0, 23, 0, 0]
class = instrumentalness

gini = 0.685
samples = 17
value = [7, 0, 0, 0, 0, 6, 2, 1, 1, 0]
class = popularity

gini = 0.448
samples = 105
value = [7, 4, 7, 1, 4, 77, 0, 5, 0, 0]
class = instrumentalness

gini = 0.13
samples = 398
value = [8, 5, 5, 0, 1, 371, 0, 8, 0, 0]
class = instrumentalness

popularity <= 0.369
gini = 0.796
samples = 53
value = [10, 2, 13, 0, 7, 15, 0, 5, 0, 1]
class = instrumentalness

tempo <= 0.693
gini = 0.574
samples = 235
value = [11, 7, 17, 1, 5, 143, 0, 51, 0, 0]
class = instrumentalness

gini = 0.512
samples = 18
value = [0, 0, 6, 0, 1, 11, 0, 0, 0, 0]
class = instrumentalness

gini = 0.811
samples = 35
value = [10, 2, 7, 0, 6, 4, 0, 5, 0, 1]
class = popularity

gini = 0.542
samples = 213
value = [11, 7, 16, 1, 4, 138, 0, 36, 0, 0]
class = instrumentalness

gini = 0.479
samples = 22
value = [0, 0, 1, 0, 1, 5, 0, 15, 0, 0]
class = liveness

acousticness <= 0.647
gini = 0.744
samples = 466
value = [10, 81, 53, 197, 7, 49, 0, 69, 0, 0]
class = duration_ms

instrumentalness <= 0.4
gini = 0.722
samples = 2398
value = [108, 81, 482, 109, 89, 470, 3, 1051, 3, 2]
class = liveness

valence <= 0.251
gini = 0.804
samples = 172
value = [8, 28, 50, 15, 5, 36, 0, 30, 0, 0]
class = danceability

loudness <= 0.657
gini = 0.565
samples = 294
value = [2, 53, 3, 182, 2, 13, 0, 39, 0, 0]
class = duration_ms

popularity <= 0.429
gini = 0.817
samples = 106
value = [8, 23, 15, 12, 2, 27, 0, 19, 0, 0]
class = instrumentalness

liveness <= 0.088
gini = 0.663
samples = 66
value = [0, 5, 35, 3, 3, 9, 0, 11, 0, 0]
class = danceability

loudness <= 0.781
gini = 0.782
samples = 89
value = [1, 23, 15, 11, 1, 27, 0, 11, 0, 0]
class = instrumentalness

loudness <= 0.773
gini = 0.602
samples = 17
value = [7, 0, 0, 1, 1, 0, 0, 8, 0, 0]
class = liveness

gini = 0.766
samples = 76
value = [1, 23, 7, 11, 0, 23, 0, 11, 0, 0]
class = acousticness

gini = 0.521
samples = 13
value = [0, 0, 8, 0, 1, 4, 0, 0, 0, 0]
class = danceability

gini = 0.556
samples = 13
value = [3, 0, 0, 1, 1, 0, 0, 8, 0, 0]
class = liveness

gini = 0.0
samples = 4
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

energy <= 0.562
gini = 0.449
samples = 7
value = [0, 0, 0, 1, 1, 0, 0, 5, 0, 0]
class = liveness

speechiness <= 0.189
gini = 0.605
samples = 59
value = [0, 5, 35, 2, 2, 9, 0, 6, 0, 0]
class = danceability

gini = 0.5
samples = 2
value = [0, 0, 0, 1, 1, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.0
samples = 5
value = [0, 0, 0, 0, 0, 0, 0, 5, 0, 0]
class = liveness

gini = 0.564
samples = 55
value = [0, 5, 35, 2, 2, 5, 0, 6, 0, 0]
class = danceability

gini = 0.0
samples = 4
value = [0, 0, 0, 0, 0, 4, 0, 0, 0, 0]
class = instrumentalness

popularity <= 0.298
gini = 0.395
samples = 181
value = [0, 18, 1, 138, 0, 3, 0, 21, 0, 0]
class = duration_ms

key <= 5.5
gini = 0.718
samples = 113
value = [2, 35, 2, 44, 2, 10, 0, 18, 0, 0]
class = duration_ms

instrumentalness <= 0.905
gini = 0.58
samples = 20
value = [0, 8, 0, 10, 0, 0, 0, 2, 0, 0]
class = duration_ms

speechiness <= 0.035
gini = 0.35
samples = 161
value = [0, 10, 1, 128, 0, 3, 0, 19, 0, 0]
class = duration_ms

gini = 0.439
samples = 14
value = [0, 3, 0, 10, 0, 0, 0, 1, 0, 0]
class = duration_ms

gini = 0.278
samples = 6
value = [0, 5, 0, 0, 0, 0, 0, 1, 0, 0]
class = acousticness

gini = 0.466
samples = 27
value = [0, 0, 0, 17, 0, 0, 0, 10, 0, 0]
class = duration_ms

gini = 0.303
samples = 134
value = [0, 10, 1, 111, 0, 3, 0, 9, 0, 0]
class = duration_ms

key <= 2.5
gini = 0.608
samples = 56
value = [1, 8, 1, 33, 1, 6, 0, 6, 0, 0]
class = duration_ms

popularity <= 0.389
gini = 0.688
samples = 57
value = [1, 27, 1, 11, 1, 4, 0, 12, 0, 0]
class = acousticness

gini = 0.754
samples = 17
value = [0, 2, 1, 5, 1, 2, 0, 6, 0, 0]
class = liveness

gini = 0.45
samples = 39
value = [1, 6, 0, 28, 0, 4, 0, 0, 0, 0]
class = duration_ms

gini = 0.574
samples = 45
value = [0, 27, 0, 9, 0, 2, 0, 7, 0, 0]
class = acousticness

gini = 0.75
samples = 12
value = [1, 0, 1, 2, 1, 2, 0, 5, 0, 0]
class = liveness

popularity <= 0.369
gini = 0.754
samples = 1207
value = [85, 30, 394, 39, 86, 168, 3, 398, 3, 1]
class = liveness

valence <= 0.468
gini = 0.624
samples = 1191
value = [23, 51, 88, 70, 3, 302, 0, 653, 0, 1]
class = liveness

mode <= 0.5
gini = 0.664
samples = 552
value = [4, 22, 265, 23, 6, 71, 0, 161, 0, 0]
class = danceability

valence <= 0.477
gini = 0.777
samples = 655
value = [81, 8, 129, 16, 80, 97, 3, 237, 3, 1]
class = liveness

valence <= 0.374
gini = 0.697
samples = 216
value = [0, 11, 66, 8, 1, 41, 0, 89, 0, 0]
class = liveness

duration_ms <= 0.052
gini = 0.592
samples = 336
value = [4, 11, 199, 15, 5, 30, 0, 72, 0, 0]
class = danceability

gini = 0.726
samples = 61
value = [0, 7, 6, 6, 0, 24, 0, 18, 0, 0]
class = instrumentalness

gini = 0.627
samples = 155
value = [0, 4, 60, 2, 1, 17, 0, 71, 0, 0]
class = liveness

gini = 0.481
samples = 194
value = [4, 4, 136, 8, 5, 8, 0, 29, 0, 0]
class = danceability

gini = 0.683
samples = 142
value = [0, 7, 63, 7, 0, 22, 0, 43, 0, 0]
class = danceability

acousticness <= 0.431
gini = 0.81
samples = 317
value = [63, 7, 50, 8, 40, 63, 0, 83, 2, 1]
class = liveness

duration_ms <= 0.05
gini = 0.71
samples = 338
value = [18, 1, 79, 8, 40, 34, 3, 154, 1, 0]
class = liveness

gini = 0.782
samples = 129
value = [31, 4, 16, 1, 15, 43, 0, 18, 1, 0]
class = instrumentalness

gini = 0.788
samples = 188
value = [32, 3, 34, 7, 25, 20, 0, 65, 1, 1]
class = liveness

gini = 0.772
samples = 199
value = [17, 1, 52, 5, 36, 19, 3, 66, 0, 0]
class = liveness

gini = 0.548
samples = 139
value = [1, 0, 27, 3, 4, 15, 0, 88, 1, 0]
class = liveness

acousticness <= 0.728
gini = 0.681
samples = 569
value = [14, 32, 28, 51, 1, 205, 0, 238, 0, 0]
class = liveness

tempo <= 0.416
gini = 0.519
samples = 622
value = [9, 19, 60, 19, 2, 97, 0, 415, 0, 1]
class = liveness

tempo <= 0.341
gini = 0.615
samples = 385
value = [12, 17, 15, 6, 1, 184, 0, 150, 0, 0]
class = instrumentalness

popularity <= 0.338
gini = 0.687
samples = 184
value = [2, 15, 13, 45, 0, 21, 0, 88, 0, 0]
class = liveness

gini = 0.58
samples = 106
value = [2, 7, 6, 0, 1, 28, 0, 62, 0, 0]
class = liveness

gini = 0.584
samples = 279
value = [10, 10, 9, 6, 0, 156, 0, 88, 0, 0]
class = instrumentalness

gini = 0.724
samples = 68
value = [0, 11, 8, 29, 0, 5, 0, 15, 0, 0]
class = duration_ms

gini = 0.563
samples = 116
value = [2, 4, 5, 16, 0, 16, 0, 73, 0, 0]
class = liveness

danceability <= 0.476
gini = 0.351
samples = 326
value = [4, 6, 14, 9, 0, 32, 0, 260, 0, 1]
class = liveness

energy <= 0.564
gini = 0.65
samples = 296
value = [5, 13, 46, 10, 2, 65, 0, 155, 0, 0]
class = liveness

gini = 0.767
samples = 23
value = [2, 2, 5, 5, 0, 1, 0, 8, 0, 0]
class = liveness

gini = 0.297
samples = 303
value = [2, 4, 9, 4, 0, 31, 0, 252, 0, 1]
class = liveness

gini = 0.558
samples = 157
value = [2, 7, 23, 8, 1, 16, 0, 100, 0, 0]
class = liveness

gini = 0.689
samples = 139
value = [3, 6, 23, 2, 1, 49, 0, 55, 0, 0]
class = liveness

popularity <= 0.54
gini = 0.816
samples = 8876
value = [1452, 44, 290, 194, 1202, 369, 774, 584, 1010, 2957]
class = mode

energy <= 0.882
gini = 0.702
samples = 6760
value = [693, 26, 48, 8, 114, 182, 2567, 158, 2502, 462]
class = key

acousticness <= 0.799
gini = 0.846
samples = 3046
value = [723, 32, 136, 129, 589, 212, 196, 345, 131, 553]
class = popularity

danceability <= 0.686
gini = 0.767
samples = 5830
value = [729, 12, 154, 65, 613, 157, 578, 239, 879, 2404]
class = mode

instrumentalness <= 0.0
gini = 0.832
samples = 2711
value = [694, 30, 126, 30, 561, 210, 193, 212, 127, 528]
class = popularity

instrumentalness <= 0.65
gini = 0.734
samples = 335
value = [29, 2, 10, 99, 28, 2, 3, 133, 4, 25]
class = liveness

danceability <= 0.692
gini = 0.804
samples = 1469
value = [317, 28, 53, 13, 454, 30, 143, 52, 100, 279]
class = energy

instrumentalness <= 0.583

gini = 0.817
samples = 1242
value = [377, 2, 73, 17, 107, 180, 50, 160, 27, 249]
class = popularity

acousticness <= 0.036
gini = 0.775
samples = 1161
value = [278, 27, 47, 13, 403, 24, 42, 40, 54, 233]
class = energy

speechiness <= 0.044
gini = 0.802
samples = 308
value = [39, 1, 6, 0, 51, 6, 101, 12, 46, 46]
class = key

popularity <= 0.5
gini = 0.768
samples = 429
value = [146, 9, 16, 7, 94, 11, 14, 3, 23, 106]
class = popularity

mode <= 0.5
gini = 0.751
samples = 732
value = [132, 18, 31, 6, 309, 13, 28, 37, 31, 127]
class = energy

danceability <= 0.545
gini = 0.713
samples = 128
value = [58, 2, 9, 3, 33, 5, 4, 2, 2, 10]
class = popularity

valence <= 0.699
gini = 0.764
samples = 301
value = [88, 7, 7, 4, 61, 6, 10, 1, 21, 96]
class = mode

key <= 9.5
gini = 0.634
samples = 73
value = [42, 2, 6, 2, 9, 3, 1, 1, 0, 7]
class = popularity

valence <= 0.373
gini = 0.713
samples = 55
value = [16, 0, 3, 1, 24, 2, 3, 1, 2, 3]
class = energy

gini = 0.518
samples = 53
value = [36, 2, 3, 2, 6, 0, 1, 1, 0, 2]
class = popularity

gini = 0.78
samples = 20
value = [6, 0, 3, 0, 3, 3, 0, 0, 0, 5]
class = popularity

gini = 0.724
samples = 14
value = [6, 0, 2, 0, 0, 0, 3, 0, 2, 1]
class = popularity

gini = 0.591
samples = 41
value = [10, 0, 1, 1, 24, 2, 0, 1, 0, 2]
class = energy

energy <= 0.926
gini = 0.767
samples = 246
value = [82, 6, 6, 4, 40, 6, 9, 1, 20, 72]
class = popularity

duration_ms <= 0.039
gini = 0.651
samples = 55
value = [6, 1, 1, 0, 21, 0, 1, 0, 1, 24]
class = mode

gini = 0.77
samples = 220
value = [66, 5, 5, 4, 39, 5, 9, 0, 18, 69]
class = mode

gini = 0.595
samples = 26
value = [16, 1, 1, 0, 1, 1, 0, 1, 2, 3]
class = popularity

gini = 0.503
samples = 24
value = [2, 0, 0, 0, 16, 0, 0, 0, 1, 5]
class = energy

gini = 0.579
samples = 31
value = [4, 1, 1, 0, 5, 0, 1, 0, 0, 19]
class = mode

acousticness <= 0.678
gini = 0.862
samples = 153
value = [35, 5, 9, 2, 24, 9, 14, 18, 14, 23]
class = popularity

duration_ms <= 0.045
gini = 0.693
samples = 579
value = [97, 13, 22, 4, 285, 4, 14, 19, 17, 104]
class = energy

loudness <= 0.829
gini = 0.858
samples = 135
value = [31, 5, 6, 2, 23, 9, 14, 9, 14, 22]
class = popularity

valence <= 0.391
gini = 0.667
samples = 18
value = [4, 0, 3, 0, 1, 0, 0, 9, 0, 1]
class = liveness

gini = 0.849
samples = 107
value = [26, 1, 6, 2, 11, 5, 13, 8, 14, 21]
class = popularity

gini = 0.74
samples = 28
value = [5, 4, 0, 0, 12, 4, 1, 1, 0, 1]
class = energy

gini = 0.656
samples = 8
value = [4, 0, 0, 0, 1, 0, 0, 2, 0, 1]
class = popularity

gini = 0.42
samples = 10
value = [0, 0, 3, 0, 0, 0, 0, 7, 0, 0]
class = liveness

duration_ms <= 0.029
gini = 0.618
samples = 353
value = [44, 2, 15, 0, 206, 1, 13, 7, 15, 50]
class = energy

speechiness <= 0.034
gini = 0.759
samples = 226
value = [53, 11, 7, 4, 79, 3, 1, 12, 2, 54]
class = energy

gini = 0.791
samples = 30
value = [4, 0, 6, 0, 7, 0, 1, 1, 2, 9]
class = mode

gini = 0.585
samples = 323
value = [40, 2, 9, 0, 199, 1, 12, 6, 13, 41]
class = energy

gini = 0.682
samples = 115
value = [27, 7, 4, 0, 56, 0, 0, 4, 1, 16]
class = energy

gini = 0.776
samples = 111
value = [26, 4, 3, 4, 23, 3, 1, 8, 1, 38]
class = mode

acousticness <= 0.108
gini = 0.809
samples = 135
value = [19, 1, 4, 0, 40, 5, 26, 3, 11, 26]
class = energy

valence <= 0.57
gini = 0.737
samples = 173
value = [20, 0, 2, 0, 11, 1, 75, 9, 35, 20]
class = key

valence <= 0.759
gini = 0.793
samples = 60
value = [11, 0, 1, 0, 5, 5, 18, 0, 5, 15]
class = key

popularity <= 0.49
gini = 0.728
samples = 75
value = [8, 1, 3, 0, 35, 0, 8, 3, 6, 11]
class = energy

speechiness <= 0.043
gini = 0.702
samples = 35
value = [6, 0, 1, 0, 2, 1, 17, 0, 5, 3]
class = key

instrumentalness <= 0.0
gini = 0.688
samples = 25
value = [5, 0, 0, 0, 3, 4, 1, 0, 0, 12]
class = mode

gini = 0.68
samples = 33
value = [6, 0, 1, 0, 2, 1, 17, 0, 3, 3]
class = key

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 2, 0]
class = loudness

gini = 0.571
samples = 7
value = [4, 0, 0, 0, 2, 0, 0, 0, 0, 1]
class = popularity

gini = 0.568
samples = 18
value = [1, 0, 0, 0, 1, 4, 1, 0, 0, 11]
class = mode

gini = 0.0
samples = 8
value = [0, 0, 0, 0, 8, 0, 0, 0, 0, 0]
class = energy

duration_ms <= 0.045
gini = 0.77
samples = 67
value = [8, 1, 3, 0, 27, 0, 8, 3, 6, 11]
class = energy

gini = 0.668
samples = 45
value = [5, 0, 1, 0, 24, 0, 5, 1, 3, 6]
class = energy

gini = 0.855
samples = 22
value = [3, 1, 2, 0, 3, 0, 3, 2, 3, 5]
class = mode

popularity <= 0.51
gini = 0.628
samples = 92
value = [8, 0, 0, 0, 4, 1, 51, 3, 21, 4]
class = key

valence <= 0.664
gini = 0.808
samples = 81
value = [12, 0, 2, 0, 7, 0, 24, 6, 14, 16]
class = key

acousticness <= 0.676
gini = 0.527
samples = 35
value = [6, 0, 0, 0, 2, 0, 23, 1, 3, 0]
class = key

mode <= 0.5
gini = 0.65
samples = 57
value = [2, 0, 0, 0, 2, 1, 28, 2, 18, 4]
class = key

gini = 0.472
samples = 31
value = [3, 0, 0, 0, 2, 0, 22, 1, 3, 0]
class = key

gini = 0.375
samples = 4
value = [3, 0, 0, 0, 0, 0, 1, 0, 0, 0]
class = popularity

gini = 0.41
samples = 19
value = [0, 0, 0, 0, 0, 0, 14, 0, 4, 1]
class = key

gini = 0.713
samples = 38
value = [2, 0, 0, 0, 2, 1, 14, 2, 14, 3]
class = key

acousticness <= 0.11
gini = 0.726
samples = 25
value = [9, 0, 0, 0, 1, 0, 6, 0, 7, 2]
class = popularity

danceability <= 0.859
gini = 0.791
samples = 56
value = [3, 0, 2, 0, 6, 0, 18, 6, 7, 14]
class = key

gini = 0.579
samples = 11
value = [5, 0, 0, 0, 0, 0, 5, 0, 0, 1]
class = popularity

gini = 0.653
samples = 14
value = [4, 0, 0, 0, 1, 0, 1, 0, 7, 1]
class = loudness

gini = 0.807
samples = 47
value = [3, 0, 2, 0, 6, 0, 11, 6, 5, 14]
class = mode

gini = 0.346
samples = 9
value = [0, 0, 0, 0, 0, 0, 7, 0, 2, 0]
class = key

acousticness <= 0.004
gini = 0.803
samples = 1027
value = [344, 1, 69, 10, 106, 106, 48, 93, 25, 225]
class = popularity

tempo <= 0.417
gini = 0.747
samples = 215
value = [33, 1, 4, 7, 1, 74, 2, 67, 2, 24]
class = instrumentalness

danceability <= 0.755
gini = 0.644
samples = 226
value = [126, 0, 8, 3, 9, 24, 6, 4, 8, 38]
class = popularity

popularity <= 0.5
gini = 0.825
samples = 801
value = [218, 1, 61, 7, 97, 82, 42, 89, 17, 187]
class = popularity

popularity <= 0.52
gini = 0.615
samples = 216
value = [126, 0, 8, 3, 9, 21, 3, 3, 5, 38]
class = popularity

tempo <= 0.463
gini = 0.72
samples = 10
value = [0, 0, 0, 0, 0, 3, 3, 1, 3, 0]
class = instrumentalness

danceability <= 0.576
gini = 0.576
samples = 132
value = [83, 0, 6, 1, 7, 16, 3, 2, 2, 12]
class = popularity

speechiness <= 0.062
gini = 0.635
samples = 84
value = [43, 0, 2, 2, 2, 5, 0, 1, 3, 26]
class = popularity

gini = 0.477
samples = 90
value = [64, 0, 5, 1, 6, 3, 2, 0, 1, 8]
class = popularity

gini = 0.686
samples = 42
value = [19, 0, 1, 0, 1, 13, 1, 2, 1, 4]
class = popularity

gini = 0.667
samples = 70
value = [31, 0, 2, 2, 2, 5, 0, 0, 3, 25]
class = popularity

gini = 0.255
samples = 14
value = [12, 0, 0, 0, 0, 0, 0, 1, 0, 1]
class = popularity

gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 3, 0, 0, 0, 0]
class = instrumentalness

instrumentalness <= 0.376
gini = 0.612
samples = 7
value = [0, 0, 0, 0, 0, 0, 3, 1, 3, 0]
class = key

gini = 0.5
samples = 6
value = [0, 0, 0, 0, 0, 0, 3, 0, 3, 0]
class = key

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 1, 0, 0]
class = liveness

tempo <= 0.44
gini = 0.794
samples = 258
value = [94, 1, 28, 1, 31, 31, 12, 42, 1, 17]
class = popularity

valence <= 0.338
gini = 0.811
samples = 543
value = [124, 0, 33, 6, 66, 51, 30, 47, 16, 170]
class = mode

valence <= 0.796
gini = 0.759
samples = 114
value = [37, 0, 9, 0, 13, 8, 1, 37, 0, 9]
class = popularity

speechiness <= 0.047
gini = 0.774
samples = 144
value = [57, 1, 19, 1, 18, 23, 11, 5, 1, 8]
class = popularity

gini = 0.755
samples = 97
value = [37, 0, 9, 0, 12, 6, 1, 25, 0, 7]
class = popularity

gini = 0.471
samples = 17
value = [0, 0, 0, 0, 1, 2, 0, 12, 0, 2]
class = liveness

gini = 0.723
samples = 101
value = [48, 0, 10, 0, 15, 8, 9, 4, 1, 6]
class = popularity

gini = 0.78
samples = 43
value = [9, 1, 9, 1, 3, 15, 2, 1, 0, 2]
class = instrumentalness

loudness <= 0.825
gini = 0.814
samples = 181
value = [58, 0, 5, 5, 16, 28, 13, 15, 6, 35]
class = popularity

speechiness <= 0.046
gini = 0.788
samples = 362
value = [66, 0, 28, 1, 50, 23, 17, 32, 10, 135]
class = mode

gini = 0.801
samples = 161
value = [57, 0, 5, 5, 15, 15, 12, 14, 6, 32]
class = popularity

gini = 0.545
samples = 20
value = [1, 0, 0, 0, 1, 13, 1, 1, 0, 3]
class = instrumentalness

gini = 0.734
samples = 250
value = [40, 0, 18, 0, 43, 9, 6, 20, 3, 111]
class = mode

gini = 0.848
samples = 112
value = [26, 0, 10, 1, 7, 14, 11, 12, 7, 24]
class = popularity

danceability <= 0.178
gini = 0.666
samples = 87
value = [18, 0, 0, 4, 1, 15, 0, 44, 0, 5]
class = liveness

danceability <= 0.577
gini = 0.717
samples = 128
value = [15, 1, 4, 3, 0, 59, 2, 23, 2, 19]
class = instrumentalness

gini = 0.0
samples = 4
value = [0, 0, 0, 4, 0, 0, 0, 0, 0, 0]
class = duration_ms

energy <= 0.818
gini = 0.636
samples = 83
value = [18, 0, 0, 0, 1, 15, 0, 44, 0, 5]
class = liveness

danceability <= 0.508
gini = 0.581
samples = 72
value = [15, 0, 0, 0, 1, 9, 0, 43, 0, 4]
class = liveness

instrumentalness <= 0.748
gini = 0.612
samples = 11
value = [3, 0, 0, 0, 0, 6, 0, 1, 0, 1]
class = instrumentalness

gini = 0.702
samples = 15
value = [6, 0, 0, 0, 1, 1, 0, 5, 0, 2]
class = popularity

gini = 0.51
samples = 57
value = [9, 0, 0, 0, 0, 8, 0, 38, 0, 2]
class = liveness

gini = 0.444
samples = 3
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 1]
class = popularity

gini = 0.406
samples = 8
value = [1, 0, 0, 0, 0, 6, 0, 1, 0, 0]
class = instrumentalness

instrumentalness <= 0.923
gini = 0.815
samples = 54
value = [8, 1, 4, 3, 0, 13, 0, 9, 2, 14]
class = mode

duration_ms <= 0.035
gini = 0.564
samples = 74
value = [7, 0, 0, 0, 0, 46, 2, 14, 0, 5]
class = instrumentalness

speechiness <= 0.039
gini = 0.802
samples = 46
value = [8, 1, 3, 3, 0, 11, 0, 4, 2, 14]
class = mode

speechiness <= 0.04
gini = 0.531
samples = 8
value = [0, 0, 1, 0, 0, 2, 0, 5, 0, 0]
class = liveness

gini = 0.675
samples = 25
value = [2, 1, 1, 0, 0, 7, 0, 0, 2, 12]
class = mode

gini = 0.807
samples = 21
value = [6, 0, 2, 3, 0, 4, 0, 4, 0, 2]
class = popularity

gini = 0.278
samples = 6
value = [0, 0, 1, 0, 0, 0, 0, 5, 0, 0]
class = liveness

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 2, 0, 0, 0, 0]
class = instrumentalness

danceability <= 0.723
gini = 0.667
samples = 6
value = [2, 0, 0, 0, 0, 0, 2, 2, 0, 0]
class = popularity

tempo <= 0.482
gini = 0.5
samples = 68
value = [5, 0, 0, 0, 0, 46, 0, 12, 0, 5]
class = instrumentalness

gini = 0.5
samples = 4
value = [2, 0, 0, 0, 0, 0, 0, 2, 0, 0]
class = popularity

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 2, 0, 0, 0]
class = key

gini = 0.675
samples = 29
value = [4, 0, 0, 0, 0, 14, 0, 6, 0, 5]
class = instrumentalness

gini = 0.302
samples = 39
value = [1, 0, 0, 0, 0, 32, 0, 6, 0, 0]
class = instrumentalness

loudness <= 0.72

gini = 0.715
samples = 227
value = [28, 1, 10, 20, 28, 1, 3, 110, 4, 22]
class = liveness

acousticness <= 0.961

gini = 0.419
samples = 108
value = [1, 1, 0, 79, 0, 1, 0, 23, 0, 3]
class = duration_ms

valence <= 0.082
gini = 0.576
samples = 151
value = [13, 0, 5, 16, 9, 1, 1, 95, 1, 10]
class = liveness

danceability <= 0.415
gini = 0.825
samples = 76
value = [15, 1, 5, 4, 19, 0, 2, 15, 3, 12]
class = energy

popularity <= 0.51
gini = 0.346
samples = 9
value = [0, 0, 0, 7, 0, 0, 0, 2, 0, 0]
class = duration_ms

duration_ms <= 0.031
gini = 0.548
samples = 142
value = [13, 0, 5, 9, 9, 1, 1, 93, 1, 10]
class = liveness

gini = 0.0
samples = 7
value = [0, 0, 0, 7, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 2, 0, 0]
class = liveness

valence <= 0.354
gini = 0.797
samples = 16
value = [4, 0, 0, 3, 3, 0, 0, 4, 1, 1]
class = popularity

instrumentalness <= 0.108
gini = 0.485
samples = 126
value = [9, 0, 5, 6, 6, 1, 1, 89, 0, 9]
class = liveness

energy <= 0.094
gini = 0.612
samples = 7
value = [4, 0, 0, 1, 1, 0, 0, 0, 0, 1]
class = popularity

energy <= 0.272
gini = 0.691
samples = 9
value = [0, 0, 0, 2, 2, 0, 0, 4, 1, 0]
class = liveness

gini = 0.5
samples = 2
value = [0, 0, 0, 1, 1, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.32
samples = 5
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 1]
class = popularity

gini = 0.444
samples = 6
value = [0, 0, 0, 2, 0, 0, 0, 4, 0, 0]
class = liveness

gini = 0.444
samples = 3
value = [0, 0, 0, 0, 2, 0, 0, 0, 1, 0]
class = energy

energy <= 0.391
gini = 0.437
samples = 108
value = [4, 0, 5, 2, 6, 1, 1, 80, 0, 9]
class = liveness

loudness <= 0.661
gini = 0.623
samples = 18
value = [5, 0, 0, 4, 0, 0, 0, 9, 0, 0]
class = liveness

gini = 0.391
samples = 101
value = [2, 0, 5, 1, 6, 0, 1, 78, 0, 8]
class = liveness

gini = 0.776
samples = 7
value = [2, 0, 0, 1, 0, 1, 0, 2, 0, 1]
class = popularity

gini = 0.551
samples = 15
value = [2, 0, 0, 4, 0, 0, 0, 9, 0, 0]
class = liveness

gini = 0.0
samples = 3
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

tempo <= 0.339
gini = 0.782
samples = 17
value = [3, 0, 2, 3, 0, 0, 0, 5, 0, 4]
class = liveness

instrumentalness <= 0.0
gini = 0.801
samples = 59
value = [12, 1, 3, 1, 19, 0, 2, 10, 3, 8]
class = energy

speechiness <= 0.051
gini = 0.32
samples = 5
value = [0, 0, 0, 1, 0, 0, 0, 4, 0, 0]
class = liveness

speechiness <= 0.034
gini = 0.764
samples = 12
value = [3, 0, 2, 2, 0, 0, 0, 1, 0, 4]
class = mode

gini = 0.0
samples = 4
value = [0, 0, 0, 0, 0, 0, 0, 4, 0, 0]
class = liveness

gini = 0.0
samples = 1
value = [0, 0, 0, 1, 0, 0, 0, 0, 0, 0]
class = duration_ms

popularity <= 0.515
gini = 0.667
samples = 9
value = [3, 0, 1, 0, 0, 0, 0, 1, 0, 4]
class = mode

acousticness <= 0.892
gini = 0.444
samples = 3
value = [0, 0, 1, 2, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.667
samples = 6
value = [3, 0, 1, 0, 0, 0, 0, 1, 0, 1]
class = popularity

gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 3]
class = mode

gini = 0.0
samples = 2
value = [0, 0, 0, 2, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0, 0, 0, 0, 0, 0]
class = danceability

tempo <= 0.503
gini = 0.756
samples = 40
value = [5, 1, 3, 0, 17, 0, 2, 5, 1, 6]
class = energy

loudness <= 0.722
gini = 0.759
samples = 19
value = [7, 0, 0, 1, 2, 0, 0, 5, 2, 2]
class = popularity

speechiness <= 0.041
gini = 0.809
samples = 29
value = [5, 0, 3, 0, 9, 0, 2, 5, 1, 4]
class = energy

speechiness <= 0.027
gini = 0.43
samples = 11
value = [0, 1, 0, 0, 8, 0, 0, 0, 0, 2]
class = energy

gini = 0.721
samples = 21
value = [3, 0, 2, 0, 9, 0, 0, 5, 0, 2]
class = energy

gini = 0.781
samples = 8
value = [2, 0, 1, 0, 0, 0, 2, 0, 1, 2]
class = popularity

gini = 0.0
samples = 1
value = [0, 1, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.32
samples = 10
value = [0, 0, 0, 0, 8, 0, 0, 0, 0, 2]
class = energy

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 2, 0, 0, 0, 0, 0]
class = energy

duration_ms <= 0.049
gini = 0.713
samples = 17
value = [7, 0, 0, 1, 0, 0, 0, 5, 2, 2]
class = popularity

gini = 0.639
samples = 13
value = [7, 0, 0, 0, 0, 0, 0, 2, 2, 2]
class = popularity

gini = 0.375
samples = 4
value = [0, 0, 0, 1, 0, 0, 0, 3, 0, 0]
class = liveness

danceability <= 0.33
gini = 0.584
samples = 44
value = [1, 1, 0, 21, 0, 1, 0, 19, 0, 1]
class = duration_ms

loudness <= 0.572
gini = 0.174
samples = 64
value = [0, 0, 0, 58, 0, 0, 0, 4, 0, 2]
class = duration_ms

loudness <= 0.455
gini = 0.394
samples = 17
value = [0, 1, 0, 13, 0, 0, 0, 2, 0, 1]
class = duration_ms

duration_ms <= 0.033
gini = 0.513
samples = 27
value = [1, 0, 0, 8, 0, 1, 0, 17, 0, 0]
class = liveness

popularity <= 0.53
gini = 0.64
samples = 5
value = [0, 1, 0, 2, 0, 0, 0, 2, 0, 0]
class = duration_ms

danceability <= 0.067
gini = 0.153
samples = 12
value = [0, 0, 0, 11, 0, 0, 0, 0, 0, 1]
class = duration_ms

popularity <= 0.5
gini = 0.444
samples = 3
value = [0, 1, 0, 0, 0, 0, 0, 2, 0, 0]
class = liveness

gini = 0.0
samples = 2
value = [0, 0, 0, 2, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.0
samples = 1
value = [0, 1, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 2, 0, 0]
class = liveness

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 1]
class = mode

gini = 0.0
samples = 11
value = [0, 0, 0, 11, 0, 0, 0, 0, 0, 0]
class = duration_ms

loudness <= 0.685
gini = 0.32
samples = 5
value = [1, 0, 0, 4, 0, 0, 0, 0, 0, 0]
class = duration_ms

speechiness <= 0.038
gini = 0.368
samples = 22
value = [0, 0, 0, 4, 0, 1, 0, 17, 0, 0]
class = liveness

gini = 0.0
samples = 4
value = [0, 0, 0, 4, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.0
samples = 1
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

gini = 0.0
samples = 10
value = [0, 0, 0, 0, 0, 0, 0, 10, 0, 0]
class = liveness

duration_ms <= 0.053
gini = 0.542
samples = 12
value = [0, 0, 0, 4, 0, 1, 0, 7, 0, 0]
class = liveness

gini = 0.278
samples = 6
value = [0, 0, 0, 0, 0, 1, 0, 5, 0, 0]
class = liveness

gini = 0.444
samples = 6
value = [0, 0, 0, 4, 0, 0, 0, 2, 0, 0]
class = duration_ms

danceability <= 0.384
gini = 0.097
samples = 59
value = [0, 0, 0, 56, 0, 0, 0, 3, 0, 0]
class = duration_ms

mode <= 0.5
gini = 0.64
samples = 5
value = [0, 0, 0, 2, 0, 0, 0, 1, 0, 2]
class = duration_ms

gini = 0.0
samples = 43
value = [0, 0, 0, 43, 0, 0, 0, 0, 0, 0]
class = duration_ms

liveness <= 0.117
gini = 0.305
samples = 16
value = [0, 0, 0, 13, 0, 0, 0, 3, 0, 0]
class = duration_ms

speechiness <= 0.037
gini = 0.133
samples = 14
value = [0, 0, 0, 13, 0, 0, 0, 1, 0, 0]
class = duration_ms

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 2, 0, 0]
class = liveness

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 1, 0, 0]
class = liveness

gini = 0.0
samples = 13
value = [0, 0, 0, 13, 0, 0, 0, 0, 0, 0]
class = duration_ms

popularity <= 0.505
gini = 0.444
samples = 3
value = [0, 0, 0, 2, 0, 0, 0, 1, 0, 0]
class = duration_ms

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 2]
class = mode

gini = 0.0
samples = 2
value = [0, 0, 0, 2, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 1, 0, 0]
class = liveness

energy <= 0.231
gini = 0.722
samples = 4393
value = [594, 12, 137, 65, 545, 97, 199, 189, 456, 2099]
class = mode

speechiness <= 0.04
gini = 0.785
samples = 1437
value = [135, 0, 17, 0, 68, 60, 379, 50, 423, 305]
class = loudness

loudness <= 0.532

gini = 0.734
samples = 238
value = [5, 0, 6, 53, 15, 1, 2, 88, 3, 65]
class = liveness

duration_ms <= 0.046
gini = 0.708
samples = 4155
value = [589, 12, 131, 12, 530, 96, 197, 101, 453, 2034]
class = mode

danceability <= 0.376
gini = 0.519
samples = 72
value = [0, 0, 1, 46, 1, 1, 0, 19, 0, 4]
class = duration_ms

tempo <= 0.424
gini = 0.681
samples = 166
value = [5, 0, 5, 7, 14, 0, 2, 69, 3, 61]
class = liveness

instrumentalness <= 0.133
gini = 0.305
samples = 46
value = [0, 0, 1, 38, 0, 0, 0, 4, 0, 3]
class = duration_ms

liveness <= 0.081
gini = 0.568
samples = 26
value = [0, 0, 0, 8, 1, 1, 0, 15, 0, 1]
class = liveness

duration_ms <= 0.054
gini = 0.375
samples = 4
value = [0, 0, 0, 0, 0, 0, 0, 3, 0, 1]
class = liveness

speechiness <= 0.033
gini = 0.178
samples = 42
value = [0, 0, 1, 38, 0, 0, 0, 1, 0, 2]
class = duration_ms

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 1]
class = mode

gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 3, 0, 0]
class = liveness

gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0, 0, 0, 0, 0, 0]
class = danceability

instrumentalness <= 0.97
gini = 0.138
samples = 41
value = [0, 0, 0, 38, 0, 0, 0, 1, 0, 2]
class = duration_ms

gini = 0.096
samples = 40
value = [0, 0, 0, 38, 0, 0, 0, 1, 0, 1]
class = duration_ms

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 1]
class = mode

gini = 0.0
samples = 4
value = [0, 0, 0, 4, 0, 0, 0, 0, 0, 0]
class = duration_ms

speechiness <= 0.039
gini = 0.496
samples = 22
value = [0, 0, 0, 4, 1, 1, 0, 15, 0, 1]
class = liveness

key <= 0.5
gini = 0.75
samples = 8
value = [0, 0, 0, 3, 1, 1, 0, 2, 0, 1]
class = duration_ms

tempo <= 0.077
gini = 0.133
samples = 14
value = [0, 0, 0, 1, 0, 0, 0, 13, 0, 0]
class = liveness

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 2, 0, 0]
class = liveness

gini = 0.667
samples = 6
value = [0, 0, 0, 3, 1, 1, 0, 0, 0, 1]
class = duration_ms

gini = 0.0
samples = 1
value = [0, 0, 0, 1, 0, 0, 0, 0, 0, 0]
class = duration_ms

gini = 0.0
samples = 13
value = [0, 0, 0, 0, 0, 0, 0, 13, 0, 0]
class = liveness

popularity <= 0.712
gini = 0.622
samples = 94
value = [1, 0, 2, 6, 4, 0, 1, 51, 3, 26]
class = liveness

energy <= 0.113
gini = 0.677
samples = 72
value = [4, 0, 3, 1, 10, 0, 1, 18, 0, 35]
class = mode

danceability <= 0.276
gini = 0.599
samples = 88
value = [1, 0, 2, 6, 4, 0, 0, 51, 3, 21]
class = liveness

loudness <= 0.712
gini = 0.278
samples = 6
value = [0, 0, 0, 0, 0, 0, 1, 0, 0, 5]
class = mode

gini = 0.0
samples = 4
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 4]
class = mode

energy <= 0.214
gini = 0.581
samples = 84
value = [1, 0, 2, 6, 4, 0, 0, 51, 3, 17]
class = liveness

gini = 0.634
samples = 70
value = [1, 0, 2, 6, 4, 0, 0, 38, 2, 17]
class = liveness

gini = 0.133
samples = 14
value = [0, 0, 0, 0, 0, 0, 0, 13, 1, 0]
class = liveness

gini = 0.0
samples = 5
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 5]
class = mode

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 1, 0, 0, 0]
class = key

popularity <= 0.646
gini = 0.462
samples = 13
value = [0, 0, 0, 0, 0, 0, 1, 9, 0, 3]
class = liveness

energy <= 0.218
gini = 0.646
samples = 59
value = [4, 0, 3, 1, 10, 0, 0, 9, 0, 32]
class = mode

popularity <= 0.561
gini = 0.18
samples = 10
value = [0, 0, 0, 0, 0, 0, 0, 9, 0, 1]
class = liveness

popularity <= 0.667
gini = 0.444
samples = 3
value = [0, 0, 0, 0, 0, 0, 1, 0, 0, 2]
class = mode

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 1]
class = mode

gini = 0.0
samples = 9
value = [0, 0, 0, 0, 0, 0, 0, 9, 0, 0]
class = liveness

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 1, 0, 0, 0]
class = key

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 2]
class = mode

duration_ms <= 0.064
gini = 0.598
samples = 52
value = [3, 0, 3, 1, 9, 0, 0, 5, 0, 31]
class = mode

popularity <= 0.571
gini = 0.612
samples = 7
value = [1, 0, 0, 0, 1, 0, 0, 4, 0, 1]
class = liveness

gini = 0.546
samples = 47
value = [3, 0, 3, 0, 9, 0, 0, 2, 0, 30]
class = mode

gini = 0.56
samples = 5
value = [0, 0, 0, 1, 0, 0, 0, 3, 0, 1]
class = liveness

gini = 0.0
samples = 4
value = [0, 0, 0, 0, 0, 0, 0, 4, 0, 0]
class = liveness

gini = 0.667
samples = 3
value = [1, 0, 0, 0, 1, 0, 0, 0, 0, 1]
class = popularity

duration_ms <= 0.045
gini = 0.747
samples = 2358
value = [327, 5, 71, 4, 417, 43, 126, 51, 313, 1001]
class = mode

duration_ms <= 0.046
gini = 0.634
samples = 1797
value = [262, 7, 60, 8, 113, 53, 71, 50, 140, 1033]
class = mode

speechiness <= 0.041
gini = 0.74
samples = 2224
value = [255, 5, 69, 4, 405, 41, 123, 49, 301, 972]
class = mode

duration_ms <= 0.045
gini = 0.647
samples = 134
value = [72, 0, 2, 0, 12, 2, 3, 2, 12, 29]
class = popularity

instrumentalness <= 0.0
gini = 0.696
samples = 1185
value = [105, 1, 40, 2, 291, 16, 45, 26, 95, 564]
class = mode

energy <= 0.726
gini = 0.766
samples = 1039
value = [150, 4, 29, 2, 114, 25, 78, 23, 206, 408]
class = mode

tempo <= 0.476
gini = 0.69
samples = 707
value = [46, 1, 20, 1, 223, 4, 23, 10, 67, 312]
class = mode

valence <= 0.254
gini = 0.678
samples = 478
value = [59, 0, 20, 1, 68, 12, 22, 16, 28, 252]
class = mode

gini = 0.669
samples = 360
value = [25, 1, 6, 0, 79, 1, 14, 7, 43, 184]
class = mode

gini = 0.681
samples = 347
value = [21, 0, 14, 1, 144, 3, 9, 3, 24, 128]
class = energy

gini = 0.747
samples = 85
value = [5, 0, 3, 0, 4, 9, 8, 3, 16, 37]
class = mode

gini = 0.65
samples = 393
value = [54, 0, 17, 1, 64, 3, 14, 13, 12, 215]
class = mode

valence <= 0.579
gini = 0.795
samples = 387
value = [40, 0, 12, 2, 30, 4, 60, 21, 120, 98]
class = loudness

acousticness <= 0.012
gini = 0.709
samples = 652
value = [110, 4, 17, 0, 84, 21, 18, 2, 86, 310]
class = mode

gini = 0.771
samples = 280
value = [32, 0, 5, 1, 20, 4, 52, 8, 104, 54]
class = loudness

gini = 0.769
samples = 107
value = [8, 0, 7, 1, 10, 0, 8, 13, 16, 44]
class = mode

gini = 0.678
samples = 303
value = [73, 1, 6, 0, 8, 8, 7, 0, 55, 145]
class = mode

gini = 0.706
samples = 349
value = [37, 3, 11, 0, 76, 13, 11, 2, 31, 165]
class = mode

popularity <= 0.697
gini = 0.095
samples = 61
value = [58, 0, 0, 0, 0, 0, 0, 0, 1, 2]
class = popularity

instrumentalness <= 0.0
gini = 0.773
samples = 73
value = [14, 0, 2, 0, 12, 2, 3, 2, 11, 27]
class = mode

duration_ms <= 0.045
gini = 0.034
samples = 58
value = [57, 0, 0, 0, 0, 0, 0, 0, 1, 0]
class = popularity

key <= 5.0
gini = 0.444
samples = 3
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 2]
class = mode

gini = 0.5
samples = 2
value = [1, 0, 0, 0, 0, 0, 0, 0, 1, 0]
class = popularity

gini = 0.0
samples = 56
value = [56, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 2]
class = mode

gini = 0.0
samples = 1
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

speechiness <= 0.032
gini = 0.742
samples = 28
value = [1, 0, 1, 0, 10, 1, 1, 0, 7, 7]
class = energy

speechiness <= 0.029
gini = 0.704
samples = 45
value = [13, 0, 1, 0, 2, 1, 2, 2, 4, 20]
class = mode

gini = 0.219
samples = 8
value = [0, 0, 0, 0, 7, 0, 0, 0, 0, 1]
class = energy

gini = 0.755
samples = 20
value = [1, 0, 1, 0, 3, 1, 1, 0, 7, 6]
class = loudness

gini = 0.219
samples = 8
value = [0, 0, 0, 0, 0, 0, 0, 1, 0, 7]
class = mode

gini = 0.733
samples = 37
value = [13, 0, 1, 0, 2, 1, 2, 1, 4, 13]
class = popularity

duration_ms <= 0.046
gini = 0.109
samples = 248
value = [6, 0, 4, 0, 2, 1, 1, 0, 0, 234]
class = mode

popularity <= 0.641
gini = 0.688
samples = 1549
value = [256, 7, 56, 8, 111, 52, 70, 50, 140, 799]
class = mode

acousticness <= 0.005
gini = 0.676
samples = 28
value = [6, 0, 4, 0, 2, 1, 1, 0, 0, 14]
class = mode

gini = 0.0
samples = 220
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 220]
class = mode

valence <= 0.549
gini = 0.531
samples = 8
value = [5, 0, 1, 0, 0, 0, 0, 0, 0, 2]
class = popularity

acousticness <= 0.212
gini = 0.6
samples = 20
value = [1, 0, 3, 0, 2, 1, 1, 0, 0, 12]
class = mode

gini = 0.0
samples = 4
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

gini = 0.625
samples = 4
value = [1, 0, 1, 0, 0, 0, 0, 0, 0, 2]
class = mode

gini = 0.153
samples = 12
value = [0, 0, 1, 0, 0, 0, 0, 0, 0, 11]
class = mode

gini = 0.812
samples = 8
value = [1, 0, 2, 0, 2, 1, 1, 0, 0, 1]
class = danceability

speechiness <= 0.052
gini = 0.726
samples = 1115
value = [209, 6, 40, 7, 99, 46, 53, 46, 89, 520]
class = mode

valence <= 0.527
gini = 0.557
samples = 434
value = [47, 1, 16, 1, 12, 6, 17, 4, 51, 279]
class = mode

instrumentalness <= 0.0
gini = 0.7
samples = 898
value = [160, 4, 36, 7, 93, 32, 31, 42, 45, 448]
class = mode

energy <= 0.697
gini = 0.782
samples = 217
value = [49, 2, 4, 0, 6, 14, 22, 4, 44, 72]
class = mode

gini = 0.718
samples = 441
value = [79, 3, 10, 1, 72, 7, 24, 9, 32, 204]
class = mode

gini = 0.669
samples = 457
value = [81, 1, 26, 6, 21, 25, 7, 33, 13, 244]
class = mode

gini = 0.762
samples = 67
value = [11, 0, 0, 0, 2, 3, 17, 2, 24, 8]
class = loudness

gini = 0.728
samples = 150
value = [38, 2, 4, 0, 4, 11, 5, 2, 20, 64]
class = mode

danceability <= 0.518
gini = 0.624
samples = 295
value = [41, 1, 7, 1, 10, 4, 14, 2, 46, 169]
class = mode

valence <= 0.916
gini = 0.365
samples = 139
value = [6, 0, 9, 0, 2, 2, 3, 2, 5, 110]
class = mode

gini = 0.464
samples = 157
value = [22, 1, 4, 1, 3, 0, 1, 1, 12, 112]
class = mode

gini = 0.737
samples = 138
value = [19, 0, 3, 0, 7, 4, 13, 1, 34, 57]
class = mode

gini = 0.309
samples = 128
value = [5, 0, 6, 0, 2, 1, 3, 1, 4, 106]
class = mode

gini = 0.76
samples = 11
value = [1, 0, 3, 0, 0, 1, 0, 1, 1, 4]
class = mode

valence <= 0.322

gini = 0.776
samples = 524
value = [69, 0, 5, 0, 50, 17, 73, 20, 90, 200]
class = mode

instrumentalness <= 0.0

gini = 0.732
samples = 913
value = [66, 0, 12, 0, 18, 43, 306, 30, 333, 105]
class = loudness

speechiness <= 0.027
gini = 0.621
samples = 68
value = [2, 0, 0, 0, 0, 2, 22, 1, 35, 6]
class = loudness

valence <= 0.685
gini = 0.755
samples = 456
value = [67, 0, 5, 0, 50, 15, 51, 19, 55, 194]
class = mode

gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 3]
class = mode

loudness <= 0.731
gini = 0.591
samples = 65
value = [2, 0, 0, 0, 0, 2, 22, 1, 35, 3]
class = loudness

duration_ms <= 0.051
gini = 0.43
samples = 11
value = [1, 0, 0, 0, 0, 2, 0, 0, 8, 0]
class = loudness

instrumentalness <= 0.0
gini = 0.58
samples = 54
value = [1, 0, 0, 0, 0, 0, 22, 1, 27, 3]
class = loudness

gini = 0.0
samples = 8
value = [0, 0, 0, 0, 0, 0, 0, 0, 8, 0]
class = loudness

duration_ms <= 0.063
gini = 0.444
samples = 3
value = [1, 0, 0, 0, 0, 2, 0, 0, 0, 0]
class = instrumentalness

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 1, 0, 0, 0, 0]
class = instrumentalness

gini = 0.5
samples = 2
value = [1, 0, 0, 0, 0, 1, 0, 0, 0, 0]
class = popularity

key <= 9.5
gini = 0.515
samples = 38
value = [1, 0, 0, 0, 0, 0, 13, 0, 23, 1]
class = loudness

instrumentalness <= 0.005
gini = 0.602
samples = 16
value = [0, 0, 0, 0, 0, 0, 9, 1, 4, 2]
class = key

gini = 0.545
samples = 33
value = [1, 0, 0, 0, 0, 0, 13, 0, 18, 1]
class = loudness

gini = 0.0
samples = 5
value = [0, 0, 0, 0, 0, 0, 0, 0, 5, 0]
class = loudness

gini = 0.0
samples = 5
value = [0, 0, 0, 0, 0, 0, 5, 0, 0, 0]
class = key

gini = 0.694
samples = 11
value = [0, 0, 0, 0, 0, 0, 4, 1, 4, 2]
class = key

instrumentalness <= 0.684
gini = 0.803
samples = 208
value = [33, 0, 3, 0, 17, 7, 33, 10, 39, 66]
class = mode

loudness <= 0.743
gini = 0.685
samples = 248
value = [34, 0, 2, 0, 33, 8, 18, 9, 16, 128]
class = mode

loudness <= 0.683
gini = 0.79
samples = 199
value = [33, 0, 3, 0, 17, 5, 32, 4, 39, 66]
class = mode

popularity <= 0.551
gini = 0.494
samples = 9
value = [0, 0, 0, 0, 0, 2, 1, 6, 0, 0]
class = liveness

speechiness <= 0.039
gini = 0.153
samples = 12
value = [0, 0, 0, 0, 1, 0, 0, 0, 0, 11]
class = mode

speechiness <= 0.028
gini = 0.801
samples = 187
value = [33, 0, 3, 0, 16, 5, 32, 4, 39, 55]
class = mode

gini = 0.0
samples = 11
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 11]
class = mode

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 1, 0, 0, 0, 0, 0]
class = energy

gini = 0.602
samples = 32
value = [4, 0, 0, 0, 5, 1, 2, 0, 1, 19]
class = mode

gini = 0.807
samples = 155
value = [29, 0, 3, 0, 11, 4, 30, 4, 38, 36]
class = loudness

duration_ms <= 0.086
gini = 0.444
samples = 3
value = [0, 0, 0, 0, 0, 2, 0, 1, 0, 0]
class = instrumentalness

duration_ms <= 0.057
gini = 0.278
samples = 6
value = [0, 0, 0, 0, 0, 0, 1, 5, 0, 0]
class = liveness

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 2, 0, 0, 0, 0]
class = instrumentalness

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 1, 0, 0]
class = liveness

gini = 0.0
samples = 5
value = [0, 0, 0, 0, 0, 0, 0, 5, 0, 0]
class = liveness

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 1, 0, 0, 0]
class = key

loudness <= 0.591
gini = 0.48
samples = 60
value = [4, 0, 0, 0, 9, 0, 1, 3, 1, 42]
class = mode

popularity <= 0.551
gini = 0.731
samples = 188
value = [30, 0, 2, 0, 24, 8, 17, 6, 15, 86]
class = mode

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 2, 0, 0, 0, 0, 0]
class = energy

acousticness <= 0.792
gini = 0.453
samples = 58
value = [4, 0, 0, 0, 7, 0, 1, 3, 1, 42]
class = mode

gini = 0.396
samples = 55
value = [3, 0, 0, 0, 7, 0, 1, 2, 0, 42]
class = mode

gini = 0.667
samples = 3
value = [1, 0, 0, 0, 0, 0, 0, 1, 1, 0]
class = popularity

energy <= 0.729
gini = 0.768
samples = 17
value = [6, 0, 0, 0, 4, 1, 1, 0, 2, 3]
class = popularity

danceability <= 0.863
gini = 0.713
samples = 171
value = [24, 0, 2, 0, 20, 7, 16, 6, 13, 83]
class = mode

gini = 0.744
samples = 11
value = [1, 0, 0, 0, 4, 0, 1, 0, 2, 3]
class = energy

gini = 0.278
samples = 6
value = [5, 0, 0, 0, 0, 1, 0, 0, 0, 0]
class = popularity

gini = 0.707
samples = 169
value = [24, 0, 2, 0, 20, 7, 16, 4, 13, 83]
class = mode

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 2, 0, 0]
class = liveness

valence <= 0.715
gini = 0.673
samples = 681
value = [35, 0, 7, 0, 17, 12, 257, 8, 283, 62]
class = loudness

duration_ms <= 0.07
gini = 0.829
samples = 232
value = [31, 0, 5, 0, 1, 31, 49, 22, 50, 43]
class = loudness

tempo <= 0.463
gini = 0.616
samples = 521
value = [22, 0, 2, 0, 10, 6, 197, 4, 253, 27]
class = loudness

loudness <= 0.728
gini = 0.765
samples = 160
value = [13, 0, 5, 0, 7, 6, 60, 4, 30, 35]
class = key

tempo <= 0.461
gini = 0.641
samples = 254
value = [13, 0, 1, 0, 6, 4, 112, 3, 101, 14]
class = key

tempo <= 0.466
gini = 0.571
samples = 267
value = [9, 0, 1, 0, 4, 2, 85, 1, 152, 13]
class = loudness

popularity <= 0.652
gini = 0.653
samples = 230
value = [13, 0, 1, 0, 6, 4, 88, 3, 101, 14]
class = loudness

gini = 0.0
samples = 24
value = [0, 0, 0, 0, 0, 0, 24, 0, 0, 0]
class = key

gini = 0.685
samples = 157
value = [13, 0, 1, 0, 6, 4, 65, 3, 57, 8]
class = key

gini = 0.531
samples = 73
value = [0, 0, 0, 0, 0, 0, 23, 0, 44, 6]
class = loudness

gini = 0.0
samples = 29
value = [0, 0, 0, 0, 0, 0, 0, 0, 29, 0]
class = loudness

acousticness <= 0.509
gini = 0.601
samples = 238
value = [9, 0, 1, 0, 4, 2, 85, 1, 123, 13]
class = loudness

gini = 0.573
samples = 227
value = [6, 0, 1, 0, 3, 2, 85, 0, 121, 9]
class = loudness

gini = 0.744
samples = 11
value = [3, 0, 0, 0, 1, 0, 0, 1, 2, 4]
class = mode

acousticness <= 0.65
gini = 0.65
samples = 20
value = [0, 0, 2, 0, 3, 0, 2, 1, 1, 11]
class = mode

speechiness <= 0.048
gini = 0.744
samples = 140
value = [13, 0, 3, 0, 4, 6, 58, 3, 29, 24]
class = key

acousticness <= 0.067
gini = 0.403
samples = 12
value = [0, 0, 0, 0, 0, 0, 2, 0, 1, 9]
class = mode

danceability <= 0.769
gini = 0.719
samples = 8
value = [0, 0, 2, 0, 3, 0, 0, 1, 0, 2]
class = energy

gini = 0.444
samples = 3
value = [0, 0, 0, 0, 0, 0, 2, 0, 0, 1]
class = key

gini = 0.198
samples = 9
value = [0, 0, 0, 0, 0, 0, 0, 0, 1, 8]
class = mode

gini = 0.64
samples = 5
value = [0, 0, 2, 0, 0, 0, 0, 1, 0, 2]
class = danceability

gini = 0.0
samples = 3
value = [0, 0, 0, 0, 3, 0, 0, 0, 0, 0]
class = energy

speechiness <= 0.044
gini = 0.769
samples = 51
value = [6, 0, 0, 0, 2, 3, 16, 2, 6, 16]
class = key

liveness <= 0.075
gini = 0.693
samples = 89
value = [7, 0, 3, 0, 2, 3, 42, 1, 23, 8]
class = key

gini = 0.742
samples = 29
value = [4, 0, 0, 0, 2, 3, 13, 1, 3, 3]
class = key

gini = 0.603
samples = 22
value = [2, 0, 0, 0, 0, 0, 3, 1, 3, 13]
class = mode

gini = 0.611
samples = 12
value = [0, 0, 0, 0, 0, 0, 2, 0, 6, 4]
class = loudness

gini = 0.667
samples = 77
value = [7, 0, 3, 0, 2, 3, 40, 1, 17, 4]
class = key

valence <= 0.736
gini = 0.823
samples = 213
value = [29, 0, 5, 0, 1, 18, 48, 22, 48, 42]
class = key

energy <= 0.436
gini = 0.504
samples = 19
value = [2, 0, 0, 0, 0, 13, 1, 0, 2, 1]
class = instrumentalness

instrumentalness <= 0.588
gini = 0.81
samples = 158
value = [21, 0, 2, 0, 0, 17, 41, 16, 41, 20]
class = key

speechiness <= 0.046
gini = 0.771
samples = 55
value = [8, 0, 3, 0, 1, 1, 7, 6, 7, 22]
class = mode

duration_ms <= 0.062
gini = 0.796
samples = 136
value = [20, 0, 2, 0, 0, 15, 35, 6, 39, 19]
class = loudness

tempo <= 0.305
gini = 0.698
samples = 22
value = [1, 0, 0, 0, 0, 2, 6, 10, 2, 1]
class = liveness

gini = 0.789
samples = 131
value = [20, 0, 2, 0, 0, 15, 35, 5, 39, 15]
class = loudness

gini = 0.32
samples = 5
value = [0, 0, 0, 0, 0, 0, 0, 1, 0, 4]
class = mode

gini = 0.245
samples = 7
value = [1, 0, 0, 0, 0, 0, 0, 6, 0, 0]
class = liveness

gini = 0.729
samples = 15
value = [0, 0, 0, 0, 0, 2, 6, 4, 2, 1]
class = key

danceability <= 0.831
gini = 0.444
samples = 18
value = [3, 0, 0, 0, 1, 0, 0, 1, 0, 13]
class = mode

acousticness <= 0.05
gini = 0.825
samples = 37
value = [5, 0, 3, 0, 0, 1, 7, 5, 7, 9]
class = mode

gini = 0.328
samples = 16
value = [1, 0, 0, 0, 1, 0, 0, 1, 0, 13]
class = mode

gini = 0.0
samples = 2
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

gini = 0.617
samples = 9
value = [5, 0, 0, 0, 0, 0, 2, 0, 1, 1]
class = popularity

gini = 0.796
samples = 28
value = [0, 0, 3, 0, 0, 1, 5, 5, 6, 8]
class = mode

valence <= 0.216
gini = 0.5
samples = 2
value = [0, 0, 0, 0, 0, 0, 1, 0, 1, 0]
class = key

loudness <= 0.809
gini = 0.394
samples = 17
value = [2, 0, 0, 0, 0, 13, 0, 0, 1, 1]
class = instrumentalness

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 1, 0]
class = loudness

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 1, 0, 0, 0]
class = key

gini = 0.0
samples = 11
value = [0, 0, 0, 0, 0, 11, 0, 0, 0, 0]
class = instrumentalness

acousticness <= 0.012
gini = 0.722
samples = 6
value = [2, 0, 0, 0, 0, 2, 0, 0, 1, 1]
class = popularity

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 1, 0]
class = loudness

gini = 0.64
samples = 5
value = [2, 0, 0, 0, 0, 2, 0, 0, 0, 1]
class = popularity

instrumentalness <= 0.0
gini = 0.657
samples = 5807
value = [411, 2, 32, 2, 92, 109, 2415, 151, 2333, 260]
class = key

danceability <= 0.636
gini = 0.803
samples = 953
value = [282, 24, 16, 6, 22, 73, 152, 7, 169, 202]
class = popularity

popularity <= 0.51
gini = 0.615
samples = 4938
value = [274, 1, 18, 1, 83, 29, 2170, 62, 2137, 163]
class = key

instrumentalness <= 0.352
gini = 0.813
samples = 869
value = [137, 1, 14, 1, 9, 80, 245, 89, 196, 97]
class = key

speechiness <= 0.307
gini = 0.628
samples = 597
value = [75, 0, 5, 1, 22, 5, 327, 17, 139, 6]
class = key

duration_ms <= 0.042
gini = 0.604
samples = 4341
value = [199, 1, 13, 0, 61, 24, 1843, 45, 1998, 157]
class = loudness

danceability <= 0.652
gini = 0.686
samples = 432
value = [64, 0, 5, 1, 21, 5, 202, 14, 114, 6]
class = key

acousticness <= 0.669
gini = 0.398
samples = 165
value = [11, 0, 0, 0, 1, 0, 125, 3, 25, 0]
class = key

speechiness <= 0.142
gini = 0.765
samples = 132
value = [36, 0, 3, 1, 15, 2, 46, 3, 20, 6]
class = key

loudness <= 0.817
gini = 0.621
samples = 300
value = [28, 0, 2, 0, 6, 3, 156, 11, 94, 0]
class = key

acousticness <= 0.033
gini = 0.763
samples = 54
value = [22, 0, 2, 0, 6, 1, 9, 1, 7, 6]
class = popularity

duration_ms <= 0.032
gini = 0.701
samples = 78
value = [14, 0, 1, 1, 9, 1, 37, 2, 13, 0]
class = key

valence <= 0.237
gini = 0.394
samples = 17
value = [13, 0, 0, 0, 1, 0, 0, 0, 2, 1]
class = popularity

liveness <= 0.151
gini = 0.822
samples = 37
value = [9, 0, 2, 0, 5, 1, 9, 1, 5, 5]
class = popularity

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 2, 0]
class = loudness

gini = 0.24
samples = 15
value = [13, 0, 0, 0, 1, 0, 0, 0, 0, 1]
class = popularity

gini = 0.808
samples = 26
value = [9, 0, 2, 0, 3, 1, 3, 1, 3, 4]
class = popularity

gini = 0.628
samples = 11
value = [0, 0, 0, 0, 2, 0, 6, 0, 2, 1]
class = key

duration_ms <= 0.028
gini = 0.678
samples = 11
value = [5, 0, 1, 0, 2, 0, 0, 0, 3, 0]
class = popularity

energy <= 0.832
gini = 0.642
samples = 67
value = [9, 0, 0, 1, 7, 1, 37, 2, 10, 0]
class = key

gini = 0.32
samples = 5
value = [4, 0, 1, 0, 0, 0, 0, 0, 0, 0]
class = popularity

gini = 0.611
samples = 6
value = [1, 0, 0, 0, 2, 0, 0, 0, 3, 0]
class = loudness

gini = 0.611
samples = 62
value = [9, 0, 0, 1, 4, 1, 36, 1, 10, 0]
class = key

gini = 0.56
samples = 5
value = [0, 0, 0, 0, 3, 0, 1, 1, 0, 0]
class = energy

acousticness <= 0.168
gini = 0.584
samples = 212
value = [17, 0, 1, 0, 5, 1, 124, 10, 54, 0]
class = key

instrumentalness <= 0.0
gini = 0.645
samples = 88
value = [11, 0, 1, 0, 1, 2, 32, 1, 40, 0]
class = loudness

liveness <= 0.055
gini = 0.492
samples = 135
value = [8, 0, 0, 0, 5, 1, 93, 6, 22, 0]
class = key

instrumentalness <= 0.0
gini = 0.649
samples = 77
value = [9, 0, 1, 0, 0, 0, 31, 4, 32, 0]
class = loudness

gini = 0.56
samples = 5
value = [3, 0, 0, 0, 0, 1, 1, 0, 0, 0]
class = popularity

gini = 0.465
samples = 130
value = [5, 0, 0, 0, 5, 0, 92, 6, 22, 0]
class = key

gini = 0.628
samples = 74
value = [6, 0, 1, 0, 0, 0, 31, 4, 32, 0]
class = loudness

gini = 0.0
samples = 3
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

energy <= 0.591
gini = 0.628
samples = 86
value = [11, 0, 1, 0, 1, 0, 32, 1, 40, 0]
class = loudness

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 2, 0, 0, 0, 0]
class = instrumentalness

gini = 0.58
samples = 10
value = [4, 0, 0, 0, 0, 0, 5, 0, 1, 0]
class = key

gini = 0.601
samples = 76
value = [7, 0, 1, 0, 1, 0, 27, 1, 39, 0]
class = loudness

danceability <= 0.42
gini = 0.358
samples = 155
value = [7, 0, 0, 0, 1, 0, 122, 3, 22, 0]
class = key

liveness <= 0.119
gini = 0.66
samples = 10
value = [4, 0, 0, 0, 0, 0, 3, 0, 3, 0]
class = popularity

duration_ms <= 0.039
gini = 0.625
samples = 4
value = [2, 0, 0, 0, 0, 0, 1, 0, 1, 0]
class = popularity

instrumentalness <= 0.0
gini = 0.337
samples = 151
value = [5, 0, 0, 0, 1, 0, 121, 3, 21, 0]
class = key

loudness <= 0.778
gini = 0.5
samples = 2
value = [0, 0, 0, 0, 0, 0, 1, 0, 1, 0]
class = key

gini = 0.0
samples = 2
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 1, 0, 0, 0]
class = key

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 1, 0]
class = loudness

valence <= 0.912
gini = 0.328
samples = 150
value = [5, 0, 0, 0, 1, 0, 121, 2, 21, 0]
class = key

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 1, 0, 0]
class = liveness

gini = 0.321
samples = 149
value = [5, 0, 0, 0, 1, 0, 121, 2, 20, 0]
class = key

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 1, 0]
class = loudness

popularity <= 0.5
gini = 0.32
samples = 5
value = [4, 0, 0, 0, 0, 0, 0, 0, 1, 0]
class = popularity

danceability <= 0.588
gini = 0.48
samples = 5
value = [0, 0, 0, 0, 0, 0, 3, 0, 2, 0]
class = key

gini = 0.0
samples = 4
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 1, 0]
class = loudness

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 2, 0]
class = loudness

gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 0, 3, 0, 0, 0]
class = key

duration_ms <= 0.042
gini = 0.6
samples = 2353
value = [106, 0, 5, 0, 43, 10, 893, 21, 1181, 94]
class = loudness

duration_ms <= 0.042
gini = 0.599
samples = 1988
value = [93, 1, 8, 0, 18, 14, 950, 24, 817, 63]
class = key

danceability <= 0.597
gini = 0.615
samples = 2133
value = [103, 0, 5, 0, 43, 10, 886, 21, 972, 93]
class = loudness

duration_ms <= 0.042
gini = 0.096
samples = 220
value = [3, 0, 0, 0, 0, 0, 7, 0, 209, 1]
class = loudness

speechiness <= 0.196
gini = 0.704
samples = 436
value = [38, 0, 1, 0, 18, 4, 128, 8, 188, 51]
class = loudness

tempo <= 0.462
gini = 0.585
samples = 1697
value = [65, 0, 4, 0, 25, 6, 758, 13, 784, 42]
class = loudness

valence <= 0.563
gini = 0.772
samples = 196
value = [24, 0, 0, 0, 14, 4, 34, 7, 70, 43]
class = loudness

instrumentalness <= 0.0
gini = 0.6
samples = 240
value = [14, 0, 1, 0, 4, 0, 94, 1, 118, 8]
class = loudness

gini = 0.732
samples = 128
value = [15, 0, 0, 0, 7, 4, 27, 4, 56, 15]
class = loudness

gini = 0.747
samples = 68
value = [9, 0, 0, 0, 7, 0, 7, 3, 14, 28]
class = mode

gini = 0.571
samples = 201
value = [6, 0, 1, 0, 4, 0, 76, 1, 107, 6]
class = loudness

gini = 0.663
samples = 39
value = [8, 0, 0, 0, 0, 0, 18, 0, 11, 2]
class = key

tempo <= 0.461
gini = 0.589
samples = 762
value = [34, 0, 1, 0, 12, 0, 372, 11, 314, 18]
class = key

tempo <= 0.465
gini = 0.575
samples = 935
value = [31, 0, 3, 0, 13, 6, 386, 2, 470, 24]
class = loudness

gini = 0.601
samples = 685
value = [34, 0, 1, 0, 12, 0, 295, 11, 314, 18]
class = loudness

gini = 0.0
samples = 77
value = [0, 0, 0, 0, 0, 0, 77, 0, 0, 0]
class = key

gini = 0.023
samples = 87
value = [0, 0, 0, 0, 0, 0, 1, 0, 86, 0]
class = loudness

gini = 0.586
samples = 848
value = [31, 0, 3, 0, 13, 6, 385, 2, 384, 24]
class = key

gini = 0.0
samples = 192
value = [0, 0, 0, 0, 0, 0, 0, 0, 192, 0]
class = loudness

liveness <= 0.139
gini = 0.556
samples = 28
value = [3, 0, 0, 0, 0, 0, 7, 0, 17, 1]
class = loudness

tempo <= 0.296
gini = 0.432
samples = 19
value = [2, 0, 0, 0, 0, 0, 2, 0, 14, 1]
class = loudness

speechiness <= 0.171
gini = 0.568
samples = 9
value = [1, 0, 0, 0, 0, 0, 5, 0, 3, 0]
class = key

gini = 0.0
samples = 2
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

gini = 0.304
samples = 17
value = [0, 0, 0, 0, 0, 0, 2, 0, 14, 1]
class = loudness

gini = 0.611
samples = 6
value = [1, 0, 0, 0, 0, 0, 2, 0, 3, 0]
class = loudness

gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 0, 3, 0, 0, 0]
class = key

acousticness <= 0.631
gini = 0.011
samples = 180
value = [0, 0, 0, 0, 0, 0, 179, 0, 1, 0]
class = key

speechiness <= 0.108
gini = 0.61
samples = 1808
value = [93, 1, 8, 0, 18, 14, 771, 24, 816, 63]
class = loudness

gini = 0.0
samples = 177
value = [0, 0, 0, 0, 0, 0, 177, 0, 0, 0]
class = key

danceability <= 0.816
gini = 0.444
samples = 3
value = [0, 0, 0, 0, 0, 0, 2, 0, 1, 0]
class = key

gini = 0.5
samples = 2
value = [0, 0, 0, 0, 0, 0, 1, 0, 1, 0]
class = key

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 1, 0, 0, 0]
class = key

popularity <= 0.652
gini = 0.757
samples = 246
value = [24, 1, 5, 0, 7, 7, 74, 8, 85, 35]
class = loudness

tempo <= 0.463
gini = 0.579
samples = 1562
value = [69, 0, 3, 0, 11, 7, 697, 16, 731, 28]
class = loudness

duration_ms <= 0.048
gini = 0.795
samples = 180
value = [23, 1, 4, 0, 6, 7, 51, 8, 49, 31]
class = key

loudness <= 0.78
gini = 0.577
samples = 66
value = [1, 0, 1, 0, 1, 0, 23, 0, 36, 4]
class = loudness

gini = 0.794
samples = 82
value = [16, 1, 0, 0, 3, 4, 12, 3, 25, 18]
class = loudness

gini = 0.753
samples = 98
value = [7, 0, 4, 0, 3, 3, 39, 5, 24, 13]
class = key

gini = 0.543
samples = 18
value = [1, 0, 1, 0, 0, 0, 11, 0, 5, 0]
class = key

gini = 0.513
samples = 48
value = [0, 0, 0, 0, 1, 0, 12, 0, 31, 4]
class = loudness

tempo <= 0.462
gini = 0.581
samples = 879
value = [44, 0, 1, 0, 8, 2, 427, 12, 373, 12]
class = key

tempo <= 0.464
gini = 0.567
samples = 683
value = [25, 0, 2, 0, 3, 5, 270, 4, 358, 16]
class = loudness

gini = 0.589
samples = 810
value = [44, 0, 1, 0, 8, 2, 358, 12, 373, 12]
class = loudness

gini = 0.0
samples = 69
value = [0, 0, 0, 0, 0, 0, 69, 0, 0, 0]
class = key

gini = 0.0
samples = 63
value = [0, 0, 0, 0, 0, 0, 0, 0, 63, 0]
class = loudness

gini = 0.582
samples = 620
value = [25, 0, 2, 0, 3, 5, 270, 4, 295, 16]
class = loudness

danceability <= 0.491
gini = 0.79
samples = 750
value = [123, 1, 14, 0, 9, 51, 234, 38, 188, 92]
class = key

duration_ms <= 0.053
gini = 0.728
samples = 119
value = [14, 0, 0, 1, 0, 29, 11, 51, 8, 5]
class = liveness

speechiness <= 0.156
gini = 0.761
samples = 119
value = [32, 0, 8, 0, 1, 4, 13, 2, 16, 43]
class = mode

popularity <= 0.54
gini = 0.767
samples = 631
value = [91, 1, 6, 0, 8, 47, 221, 36, 172, 49]
class = key

valence <= 0.244
gini = 0.698
samples = 79
value = [20, 0, 7, 0, 1, 3, 3, 1, 7, 37]
class = mode

acousticness <= 0.014
gini = 0.772
samples = 40
value = [12, 0, 1, 0, 0, 1, 10, 1, 9, 6]
class = popularity

loudness <= 0.843
gini = 0.494
samples = 9
value = [6, 0, 0, 0, 0, 2, 1, 0, 0, 0]
class = popularity

energy <= 0.51
gini = 0.659
samples = 70
value = [14, 0, 7, 0, 1, 1, 2, 1, 7, 37]
class = mode

duration_ms <= 0.068
gini = 0.245
samples = 7
value = [6, 0, 0, 0, 0, 0, 1, 0, 0, 0]
class = popularity

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 2, 0, 0, 0, 0]
class = instrumentalness

gini = 0.0
samples = 6
value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 1, 0, 0, 0]
class = key

duration_ms <= 0.042
gini = 0.667
samples = 6
value = [3, 0, 0, 0, 1, 0, 1, 1, 0, 0]
class = popularity

loudness <= 0.783
gini = 0.612
samples = 64
value = [11, 0, 7, 0, 0, 1, 1, 0, 7, 37]
class = mode

gini = 0.0
samples = 3
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

gini = 0.667
samples = 3
value = [0, 0, 0, 0, 1, 0, 1, 1, 0, 0]
class = energy

gini = 0.421
samples = 28
value = [1, 0, 3, 0, 0, 1, 1, 0, 1, 21]
class = mode

gini = 0.685
samples = 36
value = [10, 0, 4, 0, 0, 0, 0, 0, 6, 16]
class = mode

duration_ms <= 0.053
gini = 0.531
samples = 8
value = [5, 0, 1, 0, 0, 0, 0, 0, 0, 2]
class = popularity

acousticness <= 0.029
gini = 0.758
samples = 32
value = [7, 0, 0, 0, 0, 1, 10, 1, 9, 4]
class = key

gini = 0.0
samples = 4
value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

popularity <= 0.535
gini = 0.625
samples = 4
value = [1, 0, 1, 0, 0, 0, 0, 0, 0, 2]
class = mode

gini = 0.5
samples = 2
value = [1, 0, 1, 0, 0, 0, 0, 0, 0, 0]
class = popularity

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 2]
class = mode

speechiness <= 0.264
gini = 0.5
samples = 6
value = [0, 0, 0, 0, 0, 1, 0, 0, 4, 1]
class = loudness

duration_ms <= 0.045
gini = 0.728
samples = 26
value = [7, 0, 0, 0, 0, 0, 10, 1, 5, 3]
class = key

gini = 0.0
samples = 4
value = [0, 0, 0, 0, 0, 0, 0, 0, 4, 0]
class = loudness

gini = 0.5
samples = 2
value = [0, 0, 0, 0, 0, 1, 0, 0, 0, 1]
class = instrumentalness

gini = 0.568
samples = 13
value = [1, 0, 0, 0, 0, 0, 8, 0, 2, 2]
class = key

gini = 0.698
samples = 13
value = [6, 0, 0, 0, 0, 0, 2, 1, 3, 1]
class = popularity

duration_ms <= 0.046
gini = 0.79
samples = 194
value = [41, 1, 1, 0, 4, 25, 66, 24, 24, 8]
class = key

valence <= 0.572
gini = 0.734
samples = 437
value = [50, 0, 5, 0, 4, 22, 155, 12, 148, 41]
class = key

instrumentalness <= 0.007
gini = 0.758
samples = 131
value = [30, 0, 1, 0, 3, 8, 51, 12, 20, 6]
class = key

speechiness <= 0.167
gini = 0.798
samples = 63
value = [11, 1, 0, 0, 1, 17, 15, 12, 4, 2]
class = instrumentalness

energy <= 0.368
gini = 0.691
samples = 80
value = [16, 0, 1, 0, 3, 2, 39, 3, 13, 3]
class = key

loudness <= 0.681
gini = 0.802
samples = 51
value = [14, 0, 0, 0, 0, 6, 12, 9, 7, 3]
class = popularity

gini = 0.406
samples = 8
value = [6, 0, 0, 0, 0, 0, 1, 0, 1, 0]
class = popularity

gini = 0.668
samples = 72
value = [10, 0, 1, 0, 3, 2, 38, 3, 12, 3]
class = key

gini = 0.375
samples = 4
value = [0, 0, 0, 0, 0, 0, 0, 1, 0, 3]
class = mode

gini = 0.779
samples = 47
value = [14, 0, 0, 0, 0, 6, 12, 8, 7, 0]
class = popularity

speechiness <= 0.093
gini = 0.751
samples = 26
value = [7, 1, 0, 0, 0, 10, 1, 2, 3, 2]
class = instrumentalness

danceability <= 0.631
gini = 0.735
samples = 37
value = [4, 0, 0, 0, 1, 7, 14, 10, 1, 0]
class = key

gini = 0.245
samples = 7
value = [1, 0, 0, 0, 0, 6, 0, 0, 0, 0]
class = instrumentalness

gini = 0.803
samples = 19
value = [6, 1, 0, 0, 0, 4, 1, 2, 3, 2]
class = popularity

gini = 0.568
samples = 9
value = [1, 0, 0, 0, 0, 5, 3, 0, 0, 0]
class = instrumentalness

gini = 0.699
samples = 28
value = [3, 0, 0, 0, 1, 2, 11, 10, 1, 0]
class = key

tempo <= 0.463
gini = 0.684
samples = 265
value = [24, 0, 1, 0, 3, 16, 94, 3, 111, 13]
class = loudness

speechiness <= 0.163
gini = 0.774
samples = 172
value = [26, 0, 4, 0, 1, 6, 61, 9, 37, 28]
class = key

tempo <= 0.461
gini = 0.648
samples = 119
value = [11, 0, 0, 0, 0, 3, 56, 2, 41, 6]
class = key

tempo <= 0.467
gini = 0.684
samples = 146
value = [13, 0, 1, 0, 3, 13, 38, 1, 70, 7]
class = loudness

gini = 0.668
samples = 108
value = [11, 0, 0, 0, 0, 3, 45, 2, 41, 6]
class = key

gini = 0.0
samples = 11
value = [0, 0, 0, 0, 0, 0, 11, 0, 0, 0]
class = key

gini = 0.0
samples = 13
value = [0, 0, 0, 0, 0, 0, 0, 0, 13, 0]
class = loudness

gini = 0.712
samples = 133
value = [13, 0, 1, 0, 3, 13, 38, 1, 57, 7]
class = loudness

danceability <= 0.891
gini = 0.8
samples = 81
value = [17, 0, 3, 0, 1, 4, 19, 3, 12, 22]
class = mode

loudness <= 0.742
gini = 0.692
samples = 91
value = [9, 0, 1, 0, 0, 2, 42, 6, 25, 6]
class = key

gini = 0.793
samples = 76
value = [17, 0, 3, 0, 1, 4, 18, 3, 8, 22]
class = mode

gini = 0.32
samples = 5
value = [0, 0, 0, 0, 0, 0, 1, 0, 4, 0]
class = loudness

gini = 0.76
samples = 24
value = [2, 0, 1, 0, 0, 1, 9, 5, 1, 5]
class = key

gini = 0.618
samples = 67
value = [7, 0, 0, 0, 0, 1, 33, 1, 24, 1]
class = key

valence <= 0.518
gini = 0.69
samples = 86
value = [11, 0, 0, 1, 0, 8, 9, 44, 8, 5]
class = liveness

liveness <= 0.063
gini = 0.538
samples = 33
value = [3, 0, 0, 0, 0, 21, 2, 7, 0, 0]
class = instrumentalness

loudness <= 0.736
gini = 0.827
samples = 46
value = [8, 0, 0, 1, 0, 8, 6, 11, 8, 4]
class = liveness

energy <= 0.588
gini = 0.308
samples = 40
value = [3, 0, 0, 0, 0, 0, 3, 33, 0, 1]
class = liveness

popularity <= 0.636
gini = 0.676
samples = 19
value = [1, 0, 0, 1, 0, 1, 0, 8, 7, 1]
class = liveness

tempo <= 0.435
gini = 0.79
samples = 27
value = [7, 0, 0, 0, 0, 7, 6, 3, 1, 3]
class = popularity

popularity <= 0.551
gini = 0.58
samples = 13
value = [1, 0, 0, 1, 0, 0, 0, 8, 2, 1]
class = liveness

danceability <= 0.824
gini = 0.278
samples = 6
value = [0, 0, 0, 0, 0, 1, 0, 0, 5, 0]
class = loudness

gini = 0.72
samples = 5
value = [1, 0, 0, 0, 0, 0, 0, 1, 2, 1]
class = loudness

gini = 0.219
samples = 8
value = [0, 0, 0, 1, 0, 0, 0, 7, 0, 0]
class = liveness

gini = 0.0
samples = 5
value = [0, 0, 0, 0, 0, 0, 0, 0, 5, 0]
class = loudness

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 1, 0, 0, 0, 0]
class = instrumentalness

popularity <= 0.52
gini = 0.661
samples = 11
value = [4, 0, 0, 0, 0, 0, 4, 3, 0, 0]
class = popularity

popularity <= 0.53
gini = 0.719
samples = 16
value = [3, 0, 0, 0, 0, 7, 2, 0, 1, 3]
class = instrumentalness

gini = 0.0
samples = 3
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

gini = 0.594
samples = 8
value = [1, 0, 0, 0, 0, 0, 4, 3, 0, 0]
class = key

gini = 0.0
samples = 4
value = [0, 0, 0, 0, 0, 4, 0, 0, 0, 0]
class = instrumentalness

gini = 0.778
samples = 12
value = [3, 0, 0, 0, 0, 3, 2, 0, 1, 3]
class = popularity

loudness <= 0.602
gini = 0.071
samples = 27
value = [0, 0, 0, 0, 0, 0, 1, 26, 0, 0]
class = liveness

popularity <= 0.535
gini = 0.627
samples = 13
value = [3, 0, 0, 0, 0, 0, 2, 7, 0, 1]
class = liveness

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 1, 0, 0, 0]
class = key

gini = 0.0
samples = 26
value = [0, 0, 0, 0, 0, 0, 0, 26, 0, 0]
class = liveness

instrumentalness <= 0.48
gini = 0.245
samples = 7
value = [0, 0, 0, 0, 0, 0, 1, 6, 0, 0]
class = liveness

loudness <= 0.768
gini = 0.667
samples = 6
value = [3, 0, 0, 0, 0, 0, 1, 1, 0, 1]
class = popularity

gini = 0.5
samples = 2
value = [0, 0, 0, 0, 0, 0, 1, 1, 0, 0]
class = key

gini = 0.0
samples = 5
value = [0, 0, 0, 0, 0, 0, 0, 5, 0, 0]
class = liveness

gini = 0.667
samples = 3
value = [0, 0, 0, 0, 0, 0, 1, 1, 0, 1]
class = key

gini = 0.0
samples = 3
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

tempo <= 0.321
gini = 0.5
samples = 6
value = [0, 0, 0, 0, 0, 1, 1, 4, 0, 0]
class = liveness

acousticness <= 0.716
gini = 0.425
samples = 27
value = [3, 0, 0, 0, 0, 20, 1, 3, 0, 0]
class = instrumentalness

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 1, 0, 0, 0]
class = key

valence <= 0.269
gini = 0.32
samples = 5
value = [0, 0, 0, 0, 0, 1, 0, 4, 0, 0]
class = liveness

gini = 0.5
samples = 2
value = [0, 0, 0, 0, 0, 1, 0, 1, 0, 0]
class = instrumentalness

gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 3, 0, 0]
class = liveness

instrumentalness <= 0.762
gini = 0.342
samples = 25
value = [1, 0, 0, 0, 0, 20, 1, 3, 0, 0]
class = instrumentalness

gini = 0.0
samples = 2
value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

duration_ms <= 0.068
gini = 0.612
samples = 11
value = [1, 0, 0, 0, 0, 6, 1, 3, 0, 0]
class = instrumentalness

gini = 0.0
samples = 14
value = [0, 0, 0, 0, 0, 14, 0, 0, 0, 0]
class = instrumentalness

gini = 0.56
samples = 5
value = [1, 0, 0, 0, 0, 1, 0, 3, 0, 0]
class = liveness

gini = 0.278
samples = 6
value = [0, 0, 0, 0, 0, 5, 1, 0, 0, 0]
class = instrumentalness

popularity <= 0.571
gini = 0.768
samples = 735
value = [264, 24, 14, 6, 20, 38, 67, 4, 105, 193]
class = popularity

instrumentalness <= 0.002
gini = 0.727
samples = 218
value = [18, 0, 2, 0, 2, 35, 85, 3, 64, 9]
class = key

acousticness <= 0.016

gini = 0.735
samples = 416
value = [192, 17, 11, 6, 16, 32, 39, 4, 29, 70]
class = popularity

speechiness <= 0.295
gini = 0.735
samples = 319
value = [72, 7, 3, 0, 4, 6, 28, 0, 76, 123]
class = mode

energy <= 0.959
gini = 0.647
samples = 296
value = [165, 10, 9, 4, 7, 22, 4, 4, 21, 50]
class = popularity

speechiness <= 0.111
gini = 0.816
samples = 120
value = [27, 7, 2, 2, 9, 10, 35, 0, 8, 20]
class = key

popularity <= 0.53
gini = 0.722
samples = 164
value = [75, 4, 6, 2, 7, 13, 2, 3, 16, 36]
class = popularity

danceability <= 0.558
gini = 0.515
samples = 132
value = [90, 6, 3, 2, 0, 9, 2, 1, 5, 14]
class = popularity

speechiness <= 0.247
gini = 0.656
samples = 96
value = [53, 2, 3, 1, 6, 7, 1, 3, 5, 15]
class = popularity

danceability <= 0.434
gini = 0.763
samples = 68
value = [22, 2, 3, 1, 1, 6, 1, 0, 11, 21]
class = popularity

instrumentalness <= 0.0
gini = 0.616
samples = 85
value = [50, 2, 3, 1, 6, 4, 1, 3, 1, 14]
class = popularity

valence <= 0.237
gini = 0.711
samples = 11
value = [3, 0, 0, 0, 0, 3, 0, 0, 4, 1]
class = loudness

gini = 0.375
samples = 40
value = [31, 1, 0, 0, 1, 0, 0, 0, 1, 6]
class = popularity

gini = 0.76
samples = 45
value = [19, 1, 3, 1, 5, 4, 1, 3, 0, 8]
class = popularity

gini = 0.0
samples = 3
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

gini = 0.594
samples = 8
value = [0, 0, 0, 0, 0, 3, 0, 0, 4, 1]
class = loudness

speechiness <= 0.128
gini = 0.653
samples = 28
value = [8, 1, 3, 1, 0, 0, 0, 0, 1, 14]
class = mode

loudness <= 0.825
gini = 0.76
samples = 40
value = [14, 1, 0, 0, 1, 6, 1, 0, 10, 7]
class = popularity

gini = 0.414
samples = 16
value = [0, 0, 2, 1, 0, 0, 0, 0, 1, 12]
class = mode

gini = 0.514
samples = 12
value = [8, 1, 1, 0, 0, 0, 0, 0, 0, 2]
class = popularity

gini = 0.58
samples = 10
value = [5, 0, 0, 0, 0, 0, 1, 0, 0, 4]
class = popularity

gini = 0.747
samples = 30
value = [9, 1, 0, 0, 1, 6, 0, 0, 10, 3]
class = loudness

loudness <= 0.899
gini = 0.457
samples = 120
value = [87, 6, 3, 2, 0, 3, 1, 1, 4, 13]
class = popularity

instrumentalness <= 0.001
gini = 0.667
samples = 12
value = [3, 0, 0, 0, 0, 6, 1, 0, 1, 1]
class = instrumentalness

instrumentalness <= 0.097
gini = 0.423
samples = 116
value = [87, 6, 3, 2, 0, 1, 1, 1, 4, 11]
class = popularity

valence <= 0.193
gini = 0.5
samples = 4
value = [0, 0, 0, 0, 0, 2, 0, 0, 0, 2]
class = instrumentalness

gini = 0.376
samples = 106
value = [83, 6, 2, 2, 0, 0, 1, 1, 3, 8]
class = popularity

gini = 0.72
samples = 10
value = [4, 0, 1, 0, 0, 1, 0, 0, 1, 3]
class = popularity

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 2, 0, 0, 0, 0]
class = instrumentalness

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 2]
class = mode

energy <= 0.975
gini = 0.667
samples = 6
value = [3, 0, 0, 0, 0, 0, 1, 0, 1, 1]
class = popularity

gini = 0.0
samples = 6
value = [0, 0, 0, 0, 0, 6, 0, 0, 0, 0]
class = instrumentalness

gini = 0.667
samples = 3
value = [0, 0, 0, 0, 0, 0, 1, 0, 1, 1]
class = key

gini = 0.0
samples = 3
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

duration_ms <= 0.04
gini = 0.696
samples = 30
value = [5, 1, 1, 1, 7, 1, 0, 0, 0, 14]
class = mode

instrumentalness <= 0.0
gini = 0.761
samples = 90
value = [22, 6, 1, 1, 2, 9, 35, 0, 8, 6]
class = key

acousticness <= 0.045
gini = 0.597
samples = 12
value = [2, 0, 0, 1, 7, 0, 0, 0, 0, 2]
class = energy

valence <= 0.279
gini = 0.519
samples = 18
value = [3, 1, 1, 0, 0, 1, 0, 0, 0, 12]
class = mode

mode <= 0.5
gini = 0.64
samples = 5
value = [2, 0, 0, 1, 0, 0, 0, 0, 0, 2]
class = popularity

gini = 0.0
samples = 7
value = [0, 0, 0, 0, 7, 0, 0, 0, 0, 0]
class = energy

gini = 0.444
samples = 3
value = [2, 0, 0, 1, 0, 0, 0, 0, 0, 0]
class = popularity

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 2]
class = mode

tempo <= 0.528
gini = 0.5
samples = 2
value = [1, 0, 0, 0, 0, 1, 0, 0, 0, 0]
class = popularity

speechiness <= 0.106
gini = 0.414
samples = 16
value = [2, 1, 1, 0, 0, 0, 0, 0, 0, 12]
class = mode

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 1, 0, 0, 0, 0]
class = instrumentalness

gini = 0.0
samples = 1
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

gini = 0.347
samples = 15
value = [1, 1, 1, 0, 0, 0, 0, 0, 0, 12]
class = mode

gini = 0.0
samples = 1
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

danceability <= 0.397
gini = 0.671
samples = 60
value = [12, 2, 1, 0, 1, 1, 31, 0, 7, 5]
class = key

valence <= 0.453
gini = 0.778
samples = 30
value = [10, 4, 0, 1, 1, 8, 4, 0, 1, 1]
class = popularity

loudness <= 0.834
gini = 0.764
samples = 12
value = [3, 2, 0, 0, 0, 1, 2, 0, 0, 4]
class = mode

tempo <= 0.762
gini = 0.577
samples = 48
value = [9, 0, 1, 0, 1, 0, 29, 0, 7, 1]
class = key

gini = 0.32
samples = 5
value = [0, 0, 0, 0, 0, 0, 1, 0, 0, 4]
class = mode

gini = 0.694
samples = 7
value = [3, 2, 0, 0, 0, 1, 1, 0, 0, 0]
class = popularity

gini = 0.551
samples = 46
value = [9, 0, 1, 0, 1, 0, 29, 0, 5, 1]
class = key

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 2, 0]
class = loudness

danceability <= 0.492
gini = 0.685
samples = 17
value = [4, 1, 0, 0, 0, 8, 3, 0, 0, 1]
class = instrumentalness

duration_ms <= 0.041
gini = 0.71
samples = 13
value = [6, 3, 0, 1, 1, 0, 1, 0, 1, 0]
class = popularity

gini = 0.37
samples = 9
value = [1, 1, 0, 0, 0, 7, 0, 0, 0, 0]
class = instrumentalness

gini = 0.688
samples = 8
value = [3, 0, 0, 0, 0, 1, 3, 0, 0, 1]
class = popularity

gini = 0.278
samples = 6
value = [5, 0, 0, 0, 0, 0, 0, 0, 1, 0]
class = popularity

gini = 0.735
samples = 7
value = [1, 3, 0, 1, 1, 0, 1, 0, 0, 0]
class = acousticness

energy <= 0.966
gini = 0.714
samples = 290
value = [70, 7, 3, 0, 4, 6, 15, 0, 63, 122]
class = mode

speechiness <= 0.37
gini = 0.592
samples = 29
value = [2, 0, 0, 0, 0, 0, 13, 0, 13, 1]
class = key

speechiness <= 0.183
gini = 0.691
samples = 201
value = [43, 3, 3, 0, 4, 3, 15, 0, 34, 96]
class = mode

valence <= 0.719
gini = 0.713
samples = 89
value = [27, 4, 0, 0, 0, 3, 0, 0, 29, 26]
class = loudness

mode <= 0.5
gini = 0.647
samples = 160
value = [35, 3, 3, 0, 4, 2, 5, 0, 23, 85]
class = mode

acousticness <= 0.269
gini = 0.758
samples = 41
value = [8, 0, 0, 0, 0, 1, 10, 0, 11, 11]
class = loudness

popularity <= 0.737
gini = 0.739
samples = 59
value = [16, 3, 1, 0, 2, 0, 3, 0, 12, 22]
class = mode

acousticness <= 0.0
gini = 0.562
samples = 101
value = [19, 0, 2, 0, 2, 2, 2, 0, 11, 63]
class = mode

gini = 0.731
samples = 56
value = [16, 3, 1, 0, 2, 0, 3, 0, 9, 22]
class = mode

gini = 0.0
samples = 3
value = [0, 0, 0, 0, 0, 0, 0, 0, 3, 0]
class = loudness

gini = 0.698
samples = 18
value = [6, 0, 1, 0, 0, 0, 0, 0, 5, 6]
class = popularity

gini = 0.497
samples = 83
value = [13, 0, 1, 0, 2, 2, 2, 0, 6, 57]
class = mode

popularity <= 0.702
gini = 0.741
samples = 37
value = [8, 0, 0, 0, 0, 0, 7, 0, 11, 11]
class = loudness

instrumentalness <= 0.0
gini = 0.375
samples = 4
value = [0, 0, 0, 0, 0, 1, 3, 0, 0, 0]
class = key

gini = 0.707
samples = 28
value = [8, 0, 0, 0, 0, 0, 2, 0, 9, 9]
class = loudness

gini = 0.593
samples = 9
value = [0, 0, 0, 0, 0, 0, 5, 0, 2, 2]
class = key

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 2, 0, 0, 0]
class = key

gini = 0.5
samples = 2
value = [0, 0, 0, 0, 0, 1, 1, 0, 0, 0]
class = instrumentalness

tempo <= 0.468
gini = 0.705
samples = 83
value = [27, 3, 0, 0, 0, 3, 0, 0, 29, 21]
class = loudness

key <= 10.0
gini = 0.278
samples = 6
value = [0, 1, 0, 0, 0, 0, 0, 0, 0, 5]
class = mode

tempo <= 0.421
gini = 0.621
samples = 34
value = [7, 1, 0, 0, 0, 0, 0, 0, 18, 8]
class = loudness

tempo <= 0.475
gini = 0.707
samples = 49
value = [20, 2, 0, 0, 0, 3, 0, 0, 11, 13]
class = popularity

gini = 0.671
samples = 28
value = [7, 1, 0, 0, 0, 0, 0, 0, 12, 8]
class = loudness

gini = 0.0
samples = 6
value = [0, 0, 0, 0, 0, 0, 0, 0, 6, 0]
class = loudness

gini = 0.0
samples = 7
value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

gini = 0.732
samples = 42
value = [13, 2, 0, 0, 0, 3, 0, 0, 11, 13]
class = popularity

gini = 0.0
samples = 4
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 4]
class = mode

popularity <= 0.641
gini = 0.5
samples = 2
value = [0, 1, 0, 0, 0, 0, 0, 0, 0, 1]
class = acousticness

gini = 0.0
samples = 1
value = [0, 1, 0, 0, 0, 0, 0, 0, 0, 0]
class = acousticness

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 1]
class = mode

tempo <= 0.463
gini = 0.544
samples = 13
value = [2, 0, 0, 0, 0, 0, 8, 0, 3, 0]
class = key

loudness <= 0.8
gini = 0.508
samples = 16
value = [0, 0, 0, 0, 0, 0, 5, 0, 10, 1]
class = loudness

gini = 0.0
samples = 6
value = [0, 0, 0, 0, 0, 0, 6, 0, 0, 0]
class = key

speechiness <= 0.356
gini = 0.653
samples = 7
value = [2, 0, 0, 0, 0, 0, 2, 0, 3, 0]
class = loudness

key <= 7.0
gini = 0.375
samples = 4
value = [1, 0, 0, 0, 0, 0, 0, 0, 3, 0]
class = loudness

tempo <= 0.595
gini = 0.444
samples = 3
value = [1, 0, 0, 0, 0, 0, 2, 0, 0, 0]
class = key

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 2, 0]
class = loudness

gini = 0.5
samples = 2
value = [1, 0, 0, 0, 0, 0, 0, 0, 1, 0]
class = popularity

gini = 0.0
samples = 1
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 2, 0, 0, 0]
class = key

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 1]
class = mode

liveness <= 0.171
gini = 0.444
samples = 15
value = [0, 0, 0, 0, 0, 0, 5, 0, 10, 0]
class = loudness

duration_ms <= 0.038
gini = 0.5
samples = 8
value = [0, 0, 0, 0, 0, 0, 4, 0, 4, 0]
class = key

key <= 8.0
gini = 0.245
samples = 7
value = [0, 0, 0, 0, 0, 0, 1, 0, 6, 0]
class = loudness

gini = 0.375
samples = 4
value = [0, 0, 0, 0, 0, 0, 1, 0, 3, 0]
class = loudness

gini = 0.375
samples = 4
value = [0, 0, 0, 0, 0, 0, 3, 0, 1, 0]
class = key

gini = 0.0
samples = 5
value = [0, 0, 0, 0, 0, 0, 0, 0, 5, 0]
class = loudness

gini = 0.5
samples = 2
value = [0, 0, 0, 0, 0, 0, 1, 0, 1, 0]
class = key

speechiness <= 0.152
gini = 0.678
samples = 185
value = [15, 0, 1, 0, 2, 12, 82, 3, 62, 8]
class = key

valence <= 0.551

gini = 0.492
samples = 33
value = [3, 0, 1, 0, 0, 23, 3, 0, 2, 1]
class = instrumentalness

liveness <= 0.062
gini = 0.707
samples = 58
value = [8, 0, 0, 0, 0, 2, 27, 2, 11, 8]
class = key

tempo <= 0.222
gini = 0.642
samples = 127
value = [7, 0, 1, 0, 2, 10, 55, 1, 51, 0]
class = key

valence <= 0.679
gini = 0.5
samples = 6
value = [0, 0, 0, 0, 0, 1, 1, 0, 0, 4]
class = mode

danceability <= 0.746
gini = 0.674
samples = 52
value = [8, 0, 0, 0, 0, 1, 26, 2, 11, 4]
class = key

liveness <= 0.029
gini = 0.5
samples = 2
value = [0, 0, 0, 0, 0, 1, 1, 0, 0, 0]
class = instrumentalness

gini = 0.0
samples = 4
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 4]
class = mode

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 1, 0, 0, 0]
class = key

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 1, 0, 0, 0, 0]
class = instrumentalness

popularity <= 0.571
gini = 0.741
samples = 35
value = [7, 0, 0, 0, 0, 1, 13, 1, 9, 4]
class = key

valence <= 0.926
gini = 0.394
samples = 17
value = [1, 0, 0, 0, 0, 0, 13, 1, 2, 0]
class = key

instrumentalness <= 0.0
gini = 0.653
samples = 12
value = [6, 0, 0, 0, 0, 0, 3, 0, 1, 2]
class = popularity

loudness <= 0.846
gini = 0.677
samples = 23
value = [1, 0, 0, 0, 0, 1, 10, 1, 8, 2]
class = key

gini = 0.494
samples = 9
value = [6, 0, 0, 0, 0, 0, 2, 0, 1, 0]
class = popularity

gini = 0.444
samples = 3
value = [0, 0, 0, 0, 0, 0, 1, 0, 0, 2]
class = mode

gini = 0.562
samples = 8
value = [0, 0, 0, 0, 0, 0, 1, 1, 5, 1]
class = loudness

gini = 0.587
samples = 15
value = [1, 0, 0, 0, 0, 1, 9, 0, 3, 1]
class = key

liveness <= 0.065
gini = 0.231
samples = 15
value = [0, 0, 0, 0, 0, 0, 13, 0, 2, 0]
class = key

danceability <= 0.839
gini = 0.5
samples = 2
value = [1, 0, 0, 0, 0, 0, 0, 1, 0, 0]
class = popularity

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 1, 0]
class = loudness

gini = 0.133
samples = 14
value = [0, 0, 0, 0, 0, 0, 13, 0, 1, 0]
class = key

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 1, 0, 0]
class = liveness

gini = 0.0
samples = 1
value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 2, 0, 0, 0, 0]
class = instrumentalness

popularity <= 0.51
gini = 0.632
samples = 125
value = [7, 0, 1, 0, 2, 8, 55, 1, 51, 0]
class = key

loudness <= 0.873
gini = 0.648
samples = 19
value = [0, 0, 1, 0, 1, 4, 10, 0, 3, 0]
class = key

tempo <= 0.701
gini = 0.609
samples = 106
value = [7, 0, 0, 0, 1, 4, 45, 1, 48, 0]
class = loudness

speechiness <= 0.183
gini = 0.555
samples = 16
value = [0, 0, 0, 0, 1, 2, 10, 0, 3, 0]
class = key

speechiness <= 0.191
gini = 0.444
samples = 3
value = [0, 0, 1, 0, 0, 2, 0, 0, 0, 0]
class = instrumentalness

gini = 0.5
samples = 2
value = [0, 0, 0, 0, 1, 0, 0, 0, 1, 0]
class = energy

gini = 0.449
samples = 14
value = [0, 0, 0, 0, 0, 2, 10, 0, 2, 0]
class = key

gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 2, 0, 0, 0, 0]
class = instrumentalness

speechiness <= 0.171
gini = 0.615
samples = 96
value = [7, 0, 0, 0, 1, 4, 37, 1, 46, 0]
class = loudness

valence <= 0.553
gini = 0.32
samples = 10
value = [0, 0, 0, 0, 0, 0, 8, 0, 2, 0]
class = key

gini = 0.0
samples = 4
value = [0, 0, 0, 0, 0, 0, 0, 0, 4, 0]
class = loudness

gini = 0.622
samples = 92
value = [7, 0, 0, 0, 1, 4, 37, 1, 42, 0]
class = loudness

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 1, 0]
class = loudness

gini = 0.198
samples = 9
value = [0, 0, 0, 0, 0, 0, 8, 0, 1, 0]
class = key

popularity <= 0.702
gini = 0.177
samples = 21
value = [0, 0, 0, 0, 0, 19, 1, 0, 0, 1]
class = instrumentalness

instrumentalness <= 0.006
gini = 0.764
samples = 12
value = [3, 0, 1, 0, 0, 4, 2, 0, 2, 0]
class = instrumentalness

speechiness <= 0.081
gini = 0.095
samples = 20
value = [0, 0, 0, 0, 0, 19, 1, 0, 0, 0]
class = instrumentalness

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 1]
class = mode

gini = 0.0
samples = 1
value = [0, 0, 0, 0, 0, 0, 1, 0, 0, 0]
class = key

gini = 0.0
samples = 19
value = [0, 0, 0, 0, 0, 19, 0, 0, 0, 0]
class = instrumentalness

gini = 0.0
samples = 3
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0]
class = popularity

tempo <= 0.47
gini = 0.691
samples = 9
value = [0, 0, 1, 0, 0, 4, 2, 0, 2, 0]
class = instrumentalness

popularity <= 0.54
gini = 0.444
samples = 3
value = [0, 0, 1, 0, 0, 0, 0, 0, 2, 0]
class = loudness

acousticness <= 0.123
gini = 0.444
samples = 6
value = [0, 0, 0, 0, 0, 4, 2, 0, 0, 0]
class = instrumentalness

gini = 0.0
samples = 1
value = [0, 0, 1, 0, 0, 0, 0, 0, 0, 0]
class = danceability

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 0, 0, 2, 0]
class = loudness

gini = 0.0
samples = 4
value = [0, 0, 0, 0, 0, 4, 0, 0, 0, 0]
class = instrumentalness

gini = 0.0
samples = 2
value = [0, 0, 0, 0, 0, 0, 2, 0, 0, 0]
class = key