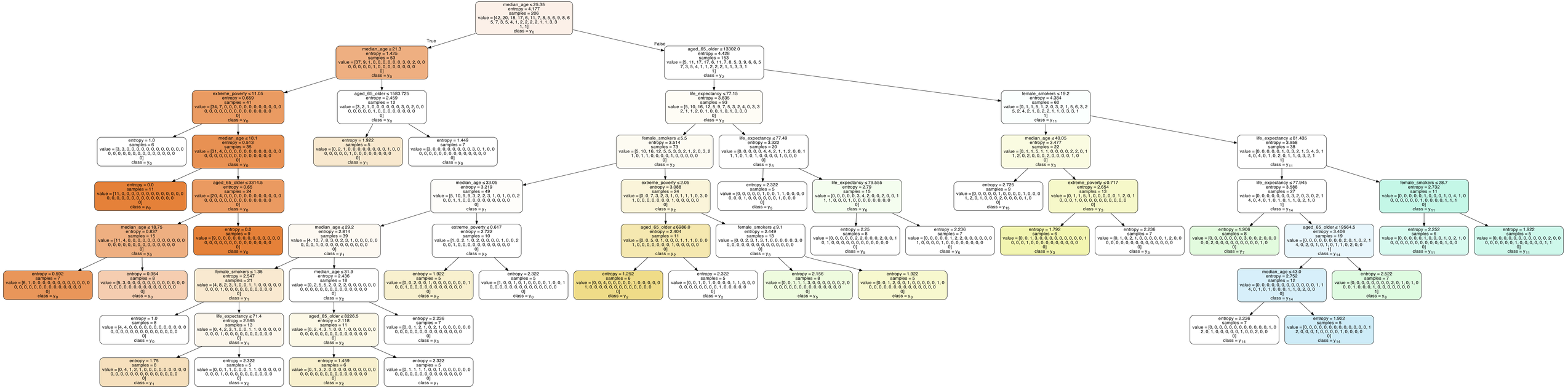
median_age ≤ 25.35
entropy = 4.177
samples = 206
value = [42, 20, 18, 17, 6, 11, 7, 8, 5, 6, 9, 8, 6 5, 7, 3, 5, 4, 1, 2, 2, 2, 2, 1, 1, 3, 3 1, 1]
class = y0
True
False
median_age ≤ 21.3
entropy = 1.425
samples = 53
value = [37, 9, 1, 0, 0, 0, 0, 0, 0, 3, 0, 2, 0, 0 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0 0]
class = y0
aged_65_older ≤ 13302.0
entropy = 4.428
samples = 153
value = [5, 11, 17, 17, 6, 11, 7, 8, 5, 3, 9, 6, 6, 5 7, 3, 5, 4, 1, 1, 2, 2, 2, 1, 1, 3, 3, 1 1]
class = y2
extreme_poverty ≤ 11.05
entropy = 0.659
samples = 41
value = [34, 7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y0
aged_65_older ≤ 1583.725
entropy = 2.459
samples = 12
value = [3, 2, 1, 0, 0, 0, 0, 0, 0, 3, 0, 2, 0, 0 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0 0]
class = y0
life_expectancy ≤ 77.15
entropy = 3.835
samples = 93
value = [5, 10, 16, 12, 5, 9, 7, 5, 3, 2, 4, 0, 3, 3 2, 1, 1, 2, 0, 1, 0, 0, 1, 0, 1, 0, 0 0]
class = y2
female_smokers ≤ 19.2
entropy = 4.384
samples = 60
value = [0, 1, 1, 5, 1, 2, 0, 3, 2, 1, 5, 6, 3, 2 5, 2, 4, 2, 1, 0, 2, 2, 1, 1, 0, 3, 3, 1 1]
class = y11
entropy = 1.0
samples = 6
value = [3, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y0
median_age ≤ 18.1
entropy = 0.513
samples = 35
value = [31, 4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y0
entropy = 1.922
samples = 5
value = [0, 2, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0 0]
class = y1
entropy = 1.449
samples = 7
value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 1, 0, 0 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y0
female_smokers ≤ 5.5
entropy = 3.514
samples = 73
value = [5, 10, 16, 12, 5, 5, 3, 3, 2, 1, 2, 0, 3, 2 1, 0, 1, 1, 0, 0, 0, 0, 1, 0, 0, 0, 0 0]
class = y2
life_expectancy ≤ 77.49
entropy = 3.322
samples = 20
value = [0, 0, 0, 0, 0, 4, 4, 2, 1, 1, 2, 0, 0, 1 1, 1, 0, 1, 0, 1, 0, 0, 0, 1, 1, 0, 0 0]
class = y5
median_age ≤ 40.05
entropy = 3.477
samples = 22
value = [0, 1, 1, 5, 1, 1, 0, 0, 0, 0, 2, 2, 0, 1 1, 2, 0, 2, 0, 0, 2, 2, 0, 0, 0, 0, 1 0]
class = y3
life_expectancy ≤ 81.435
entropy = 3.958
samples = 38
value = [0, 0, 0, 0, 0, 0, 1, 0, 3, 2, 1, 3, 4, 3, 1 4, 0, 4, 0, 1, 0, 2, 0, 1, 1, 0, 3, 2 1]
class = y11
median_age ≤ 33.05
entropy = 3.219
samples = 49
value = [5, 10, 9, 9, 3, 2, 3, 1, 0, 1, 0, 0, 2 0, 0, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y1
extreme_poverty ≤ 2.05
entropy = 3.088
samples = 24
value = [0, 0, 7, 3, 2, 3, 1, 0, 1, 1, 1, 1, 0, 3, 0 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y2
extreme_poverty ≤ 0.717
entropy = 2.654
samples = 13
value = [0, 1, 1, 5, 1, 0, 0, 0, 0, 0, 1, 2, 0, 1 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y3
life_expectancy ≤ 77.945
entropy = 3.588
samples = 27
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 2, 0, 3, 0, 2, 1 4, 0, 4, 0, 1, 0, 1, 0, 1, 1, 0, 2, 1, 0 1]
class = y14
female_smokers ≤ 28.7
entropy = 2.732
samples = 11
value = [0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0, 4, 1, 0 0, 0, 0, 0, 0, 0, 1, 1, 1, 1]
class = y11
extreme_poverty ≤ 0.617
entropy = 2.722
samples = 10
value = [1, 0, 2, 1, 0, 2, 0, 0, 0, 0, 0, 1, 0, 0, 2 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y2
aged_65_older ≤ 6986.0
entropy = 2.404
samples = 11
value = [0, 0, 5, 0, 1, 0, 0, 0, 1, 1, 1, 0, 0, 0 1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0 0]
class = y2
female_smokers ≤ 9.1
entropy = 2.449
samples = 13
value = [0, 0, 2, 3, 1, 3, 1, 0, 0, 0, 0, 0, 3, 0 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y3
life_expectancy ≤ 79.555
entropy = 2.279
samples = 15
value = [0, 0, 0, 0, 0, 3, 4, 2, 0, 0, 2, 0, 0, 1 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0 0]
class = y6
entropy = 2.725
samples = 9
value = [0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0 1, 2, 0, 1, 0, 0, 0, 2, 0, 0, 0, 0, 1 0]
class = y15
extreme_poverty ≤ 2.725
entropy = 2.322
samples = 5
value = [0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0 0, 0, 0, 1, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0 0]
class = y5
entropy = 2.225
samples = 8
value = [0, 0, 0, 0, 0, 2, 2, 0, 0, 0, 2, 0, 0, 1 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y5
entropy = 2.236
samples = 7
value = [0, 0, 0, 0, 0, 1, 2, 2, 0, 0, 0, 0, 0, 0 1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0 0]
class = y6
entropy = 1.792
samples = 6
value = [0, 0, 1, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y3
entropy = 2.236
samples = 7
value = [0, 1, 0, 2, 1, 0, 0, 0, 0, 0, 1, 2, 0, 0 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y3
entropy = 2.322
samples = 5
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1 0]
class = y11
entropy = 1.906
samples = 8
value = [0, 0, 0, 0, 0, 0, 0, 3, 0, 0, 2, 0, 0, 0 0, 0, 2, 0, 0, 0, 0, 0, 0, 0, 0, 1 0]
class = y7
aged_65_older ≤ 19564.5
entropy = 3.406
samples = 19
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 1, 0 2, 1 4, 0, 2, 0, 1, 0, 1, 0, 1, 1, 0, 2, 0, 0 1]
class = y14
entropy = 2.252
samples = 6
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y11
entropy = 1.922
samples = 5
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 1 0]
class = y11
entropy = 0.0
samples = 11
value = [11, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y0
aged_65_older ≤ 3314.5
entropy = 0.65
samples = 24
value = [20, 4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y0
median_age ≤ 18.75
entropy = 0.837
samples = 15
value = [11, 4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y0
entropy = 0.0
samples = 9
value = [9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y0
entropy = 0.592
samples = 7
value = [6, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y0
entropy = 0.954
samples = 8
value = [5, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y0
median_age ≤ 29.2
entropy = 2.814
samples = 39
value = [4, 10, 7, 8, 3, 0, 2, 3, 1, 0, 0, 0, 0, 0 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y1
extreme_poverty ≤ 2.05
entropy = 1.922
samples = 5
value = [0, 0, 2, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y2
entropy = 2.322
samples = 5
value = [1, 0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 0, 0, 1 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y0
entropy = 1.252
samples = 6
value = [0, 0, 4, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y2
entropy = 2.322
samples = 5
value = [0, 0, 1, 0, 1, 0, 0, 0, 0, 1, 1, 0, 0, 0 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0 0]
class = y2
entropy = 2.156
samples = 8
value = [0, 0, 1, 1, 1, 3, 0, 0, 0, 0, 0, 0, 2, 0 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y3
entropy = 1.922
samples = 5
value = [0, 0, 1, 2, 0, 0, 1, 0, 0, 0, 0, 0, 0, 1 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y3
entropy = 2.236
samples = 7
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1 0, 2, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y14
entropy = 1.922
samples = 5
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0 0]
class = y14
entropy = 2.522
samples = 7
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 1, 0 1, 0, 1, 0, 0, 0, 1, 0, 0, 0, 0, 0 0]
class = y9
entropy = 1.0
samples = 6
value = [4, 4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y0
entropy = 2.322
samples = 5
value = [0, 0, 2, 3, 1, 0, 0, 1, 1, 0, 0, 0, 0, 0 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y1
entropy = 2.236
samples = 7
value = [0, 0, 0, 1, 2, 1, 0, 2, 1, 0, 0, 0, 0, 0 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y3
entropy = 1.75
samples = 8
value = [0, 4, 1, 2, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y1
entropy = 2.322
samples = 5
value = [0, 0, 1, 1, 0, 0, 0, 1, 1, 0, 0, 0, 0, 0 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y2
aged_65_older ≤ 8226.5
entropy = 2.118
samples = 11
value = [0, 2, 4, 3, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y2
entropy = 2.236
samples = 7
value = [0, 0, 1, 2, 1, 0, 2, 1, 0, 0, 0, 0, 0, 0 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y3
entropy = 1.459
samples = 6
value = [0, 1, 3, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y2
entropy = 2.322
samples = 5
value = [0, 1, 1, 1, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y1
entropy = 2.236
samples = 7
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1 0, 2, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0 0]
class = y14
entropy = 1.922
samples = 5
value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0 0]
class = y14