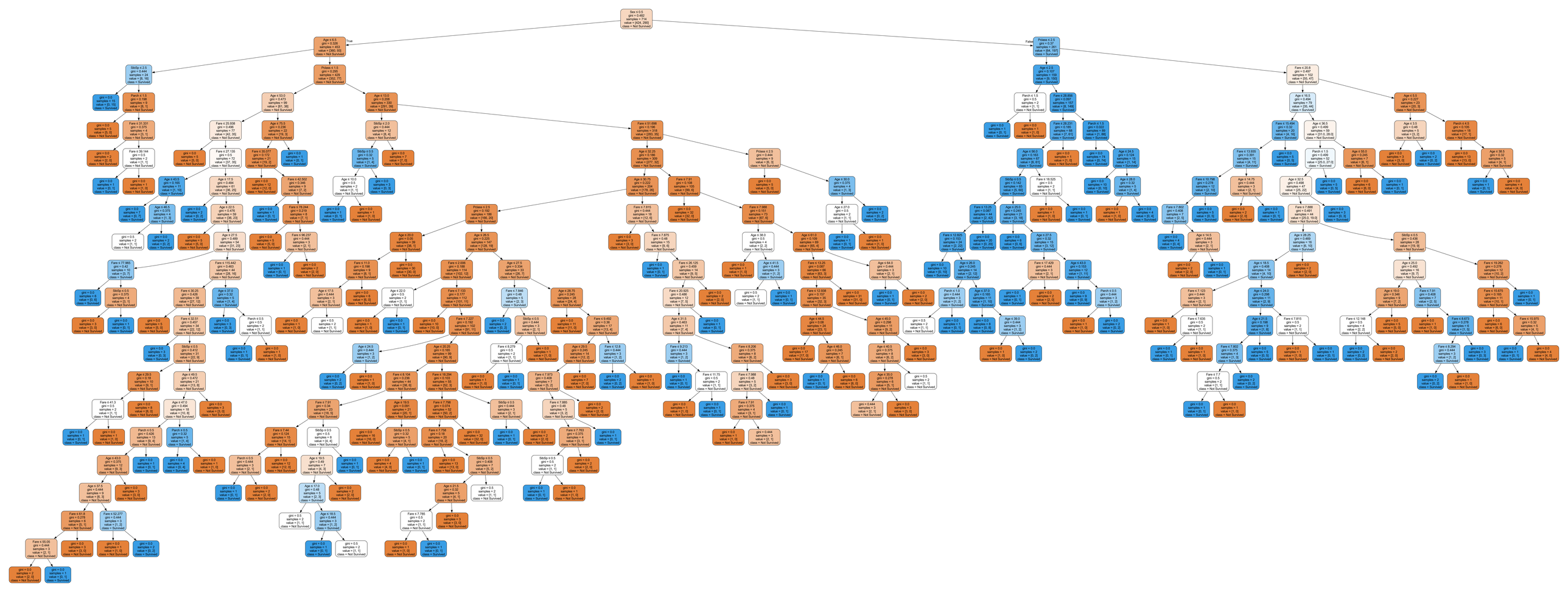
Sex ≤ 0.5
gini = 0.482
samples = 714
value = [424, 290]
class = Not Survived
True
False
Age ≤ 6.5
gini = 0.326
samples = 429
value = [360, 93]
class = Not Survived
Pclass ≤ 2.5
gini = 0.37
samples = 285
value = [64, 197]
class = Not Survived
SibSp ≤ 2.5
gini = 0.444
samples = 24
value = [8, 16]
class = Not Survived
Pclass ≤ 1.5
gini = 0.295
samples = 429
value = [352, 77]
class = Not Survived
Age ≤ 13.0
gini = 0.206
samples = 330
value = [294, 36]
class = Not Survived
Pclass ≤ 2.5
gini = 0.107
samples = 159
value = [9, 150]
class = Survived
Fare ≤ 20.8
gini = 0.497
samples = 102
value = [55, 47]
class = Not Survived
gini = 0.0
samples = 16
value = [0, 16]
class = Survived
Parch ≤ 1.5
gini = 0.198
samples = 8
value = [7, 1]
class = Not Survived
Age ≤ 53.0
gini = 0.473
samples = 99
value = [61, 38]
class = Not Survived
Age ≤ 75.5
gini = 0.236
samples = 330
value = [291, 39]
class = Not Survived
SibSp ≤ 2.5
gini = 0.444
samples = 12
value = [8, 4]
class = Not Survived
Age ≤ 51.698
gini = 0.196
samples = 318
value = [283, 35]
class = Not Survived
Parch ≤ 1.5
gini = 0.5
samples = 2
value = [1, 1]
class = Not Survived
Fare ≤ 26.856
gini = 0.097
samples = 157
value = [8, 149]
class = Survived
Fare ≤ 29.125
gini = 0.495
samples = 55
value = [30, 25]
class = Not Survived
Parch ≤ 0.5
gini = 0.444
samples = 3
value = [2, 1]
class = Not Survived
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
gini = 0.0
samples = 1
value = [1, 0]
class = Not Survived
Fare ≤ 28.231
gini = 0.165
samples = 65
value = [7, 61]
class = Survived
Parch ≤ 1.5
gini = 0.022
samples = 89
value = [1, 88]
class = Survived
Fare ≤ 31.331
gini = 0.375
samples = 4
value = [3, 1]
class = Not Survived
Fare ≤ 35.277
gini = 0.172
samples = 21
value = [19, 2]
class = Not Survived
SibSp ≤ 0.5
gini = 0.32
samples = 5
value = [1, 4]
class = Survived
Age ≤ 32.25
gini = 0.186
samples = 300
value = [277, 23]
class = Not Survived
Fare ≤ 7.91
gini = 0.106
samples = 105
value = [99, 6]
class = Not Survived
Pclass ≤ 2.5
gini = 0.444
samples = 9
value = [6, 3]
class = Not Survived
Age ≤ 30.0
gini = 0.375
samples = 4
value = [1, 3]
class = Survived
Age ≤ 56.0
gini = 0.163
samples = 57
value = [5, 61]
class = Survived
Fare ≤ 18.525
gini = 0.5
samples = 2
value = [1, 1]
class = Not Survived
Age ≤ 24.5
gini = 0.124
samples = 110
value = [7, 103]
class = Survived
Fare ≤ 15.494
gini = 0.32
samples = 20
value = [4, 16]
class = Survived
Age ≤ 36.5
gini = 0.499
samples = 59
value = [31.0, 28.0]
class = Not Survived
Age ≤ 55.0
gini = 0.245
samples = 6
value = [5, 1]
class = Not Survived
Age ≤ 38.5
gini = 0.32
samples = 5
value = [4, 1]
class = Not Survived
Age ≤ 42.502
gini = 0.346
samples = 9
value = [7, 2]
class = Not Survived
Fare ≤ 42.502
gini = 0.346
samples = 9
value = [7, 2]
class = Not Survived
Fare ≤ 51.698
gini = 0.496
samples = 318
value = [155, 163]
class = Survived
Pclass ≤ 2.5
gini = 0.151
samples = 190
value = [176, 20]
class = Not Survived
Age ≤ 28.5
gini = 0.225
samples = 147
value = [128, 19]
class = Not Survived
Age ≤ 27.5
gini = 0.334
samples = 53
value = [40, 13]
class = Not Survived
Fare ≤ 7.988
gini = 0.151
samples = 73
value = [67, 6]
class = Not Survived
Age ≤ 61.0
gini = 0.133
samples = 69
value = [65, 4]
class = Not Survived
Age ≤ 64.0
gini = 0.444
samples = 3
value = [2, 1]
class = Not Survived
Fare ≤ 7.896
gini = 0.5
samples = 2
value = [1, 1]
class = Not Survived
Age ≤ 10.0
gini = 0.5
samples = 2
value = [1, 1]
class = Not Survived
gini = 0.0
samples = 3
value = [0, 3]
class = Survived
gini = 0.0
samples = 1
value = [1, 0]
class = Not Survived
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
gini = 0.0
samples = 1
value = [1, 0]
class = Not Survived
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
gini = 0.0
samples = 1
value = [1, 0]
class = Not Survived
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
gini = 0.0
samples = 1
value = [1, 0]
class = Not Survived
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
gini = 0.0
samples = 2
value = [0, 2]
class = Survived
Age ≤ 16.5
gini = 0.494
samples = 79
value = [46, 33]
class = Survived
Age ≤ 0.5
gini = 0.227
samples = 33
value = [5, 28]
class = Survived
Age ≤ 46.5
gini = 0.375
samples = 4
value = [1, 3]
class = Survived
gini = 0.0
samples = 2
value = [0, 2]
class = Survived
gini = 0.0
samples = 2
value = [2, 0]
class = Not Survived
Age ≤ 3.5
gini = 0.48
samples = 5
value = [3, 2]
class = Not Survived
Parch ≤ 4.5
gini = 0.105
samples = 18
value = [17, 1]
class = Not Survived
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
gini = 0.0
samples = 2
value = [2, 0]
class = Not Survived
gini = 0.0
samples = 3
value = [3, 0]
class = Not Survived
Age ≤ 38.5
gini = 0.32
samples = 5
value = [4, 1]
class = Not Survived
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
gini = 0.0
samples = 4
value = [4, 0]
class = Not Survived
gini = 0.0
samples = 1
value = [1, 0]
class = Not Survived
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
Age ≤ 22.5
gini = 0.476
samples = 59
value = [36, 23]
class = Not Survived
Age ≤ 27.5
gini = 0.493
samples = 54
value = [31, 23]
class = Not Survived
Age ≤ 20.0
gini = 0.05
samples = 39
value = [38, 1]
class = Not Survived
Fare ≤ 2.006
gini = 0.188
samples = 114
value = [102, 12]
class = Not Survived
Fare ≤ 7.133
gini = 0.494
samples = 112
value = [101, 11]
class = Not Survived
Age ≤ 26.75
gini = 0.444
samples = 28
value = [24, 4]
class = Not Survived
Fare ≤ 8.279
gini = 0.5
samples = 2
value = [1, 1]
class = Not Survived
Age ≤ 29.5
gini = 0.245
samples = 6
value = [5, 1]
class = Not Survived
Fare ≤ 12.8
gini = 0.444
samples = 3
value = [2, 1]
class = Not Survived
gini = 0.0
samples = 2
value = [2, 0]
class = Not Survived
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
gini = 0.0
samples = 1
value = [1, 0]
class = Not Survived
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
gini = 0.0
samples = 1
value = [1, 0]
class = Not Survived
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
gini = 0.0
samples = 1
value = [1, 0]
class = Not Survived
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
gini = 0.0
samples = 2
value = [2, 0]
class = Not Survived
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
gini = 0.0
samples = 1
value = [1, 0]
class = Not Survived
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
gini = 0.0
samples = 1
value = [1, 0]
class = Not Survived
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
gini = 0.0
samples = 1
value = [1, 0]
class = Not Survived
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
gini = 0.0
samples = 1
value = [1, 0]
class = Not Survived
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
Age ≤ 27.5
gini = 0.463
samples = 44
value = [28, 16]
class = Not Survived
Age ≤ 22.0
gini = 0.32
samples = 5
value = [1, 4]
class = Survived
Fare ≤ 7.225
gini = 0.192
samples = 102
value = [91, 11]
class = Not Survived
Fare ≤ 7.845
gini = 0.48
samples = 5
value = [2, 3]
class = Survived
Fare ≤ 6.492
gini = 0.36
samples = 17
value = [13, 4]
class = Not Survived
Fare ≤ 7.77.995
gini = 0.42
samples = 10
value = [3, 7]
class = Survived
Fare ≤ 115.442
gini = 0.463
samples = 44
value = [28, 16]
class = Not Survived
Age ≤ 17.5
gini = 0.494
samples = 61
value = [36, 25]
class = Not Survived
Fare ≤ 35.277
gini = 0.172
samples = 21
value = [19, 2]
class = Not Survived
Age ≤ 75.5
gini = 0.236
samples = 22
value = [19, 3]
class = Not Survived
Age ≤ 43.5
gini = 0.165
samples = 11
value = [1, 10]
class = Survived
Age ≤ 46.5
gini = 0.375
samples = 4
value = [1, 3]
class = Survived
Fare ≤ 27.135
gini = 0.5
samples = 72
value = [37, 35]
class = Not Survived
Fare ≤ 30.144
gini = 0.5
samples = 2
value = [1, 1]
class = Not Survived
Age ≤ 13.5
gini = 0.484
samples = 61
value = [36, 25]
class = Not Survived
Age ≤ 22.5
gini = 0.476
samples = 59
value = [36, 23]
class = Not Survived
Age ≤ 27.5
gini = 0.493
samples = 54
value = [31, 23]
class = Not Survived
Age ≤ 20.0
gini = 0.05
samples = 39
value = [38, 1]
class = Not Survived
Fare ≤ 11.0
gini = 0.198
samples = 9
value = [8, 1]
class = Not Survived
Fare ≤ 17.8
gini = 0.444
samples = 3
value = [2, 1]
class = Not Survived
Age ≤ 25.25
gini = 0.165
samples = 102
value = [90, 12]
class = Not Survived
Fare ≤ 8.206
gini = 0.375
samples = 8
value = [6, 2]
class = Not Survived
Age ≤ 24.5
gini = 0.444
samples = 3
value = [1, 2]
class = Survived
Fare ≤ 8.104
gini = 0.236
samples = 44
value = [38, 6]
class = Not Survived
Fare ≤ 18.294
gini = 0.103
samples = 55
value = [52, 3]
class = Not Survived
Fare ≤ 7.798
gini = 0.5
samples = 52
value = [26, 26]
class = Not Survived
Fare ≤ 7.756
gini = 0.18
samples = 20
value = [18, 2]
class = Not Survived
SibSp ≤ 0.5
gini = 0.444
samples = 3
value = [1, 2]
class = Survived
Fare ≤ 7.885
gini = 0.48
samples = 5
value = [3, 2]
class = Not Survived
Fare ≤ 7.783
gini = 0.375
samples = 4
value = [1, 3]
class = Survived
Age ≤ 41.5
gini = 0.444
samples = 3
value = [1, 2]
class = Survived
Age ≤ 64.0
gini = 0.444
samples = 3
value = [2, 1]
class = Not Survived
Fare ≤ 7.91
gini = 0.34
samples = 23
value = [5, 18]
class = Survived
Age ≤ 19.5
gini = 0.091
samples = 21
value = [1, 20]
class = Survived
Fare ≤ 7.744
gini = 0.124
samples = 15
value = [14, 1]
class = Not Survived
SibSp ≤ 0.5
gini = 0.32
samples = 5
value = [4, 1]
class = Not Survived
Fare ≤ 7.756
gini = 0.18
samples = 10
value = [9, 1]
class = Not Survived
SibSp ≤ 0.5
gini = 0.408
samples = 5
value = [2, 3]
class = Survived
Fare ≤ 7.925
gini = 0.245
samples = 6
value = [5, 1]
class = Not Survived
Fare ≤ 7.896
gini = 0.5
samples = 2
value = [1, 1]
class = Not Survived
Fare ≤ 7.763
gini = 0.375
samples = 4
value = [1, 3]
class = Survived
Age ≤ 29.5
gini = 0.48
samples = 5
value = [3, 2]
class = Not Survived
Age ≤ 31.5
gini = 0.463
samples = 11
value = [7, 4]
class = Not Survived
Fare ≤ 8.206
gini = 0.375
samples = 8
value = [6, 2]
class = Not Survived
Fare ≤ 7.896
gini = 0.5
samples = 2
value = [1, 1]
class = Not Survived
Fare ≤ 7.896
gini = 0.48
samples = 5
value = [3, 2]
class = Not Survived
Age ≤ 45.0
gini = 0.298
samples = 11
value = [9, 2]
class = Not Survived
Age ≤ 40.5
gini = 0.375
samples = 8
value = [6, 2]
class = Not Survived
Age ≤ 35.0
gini = 0.278
samples = 6
value = [5, 1]
class = Not Survived
Fare ≤ 7.91
gini = 0.5
samples = 2
value = [1, 1]
class = Not Survived
Age ≤ 19.0
gini = 0.49
samples = 7
value = [4, 3]
class = Not Survived
Fare ≤ 12.148
gini = 0.5
samples = 4
value = [2, 2]
class = Not Survived
Fare ≤ 7.91
gini = 0.48
samples = 5
value = [2, 3]
class = Survived
Age ≤ 24.0
gini = 0.245
samples = 6
value = [1, 5]
class = Survived
Fare ≤ 15.675
gini = 0.408
samples = 7
value = [5, 2]
class = Not Survived
Age ≤ 25.0
gini = 0.492
samples = 9
value = [5, 7]
class = Survived
Age ≤ 18.5
gini = 0.408
samples = 14
value = [4, 10]
class = Survived
Age ≤ 21.5
gini = 0.198
samples = 9
value = [1, 8]
class = Survived
Fare ≤ 7.802
gini = 0.375
samples = 4
value = [3, 1]
class = Not Survived
Fare ≤ 7.7
gini = 0.5
samples = 2
value = [1, 1]
class = Not Survived
Fare ≤ 7.123
gini = 0.5
samples = 4
value = [2, 2]
class = Not Survived
Fare ≤ 7.635
gini = 0.5
samples = 2
value = [1, 1]
class = Not Survived
Age ≤ 24.0
gini = 0.245
samples = 6
value = [1, 5]
class = Survived
Fare ≤ 7.815
gini = 0.5
samples = 2
value = [1, 1]
class = Not Survived
Fare ≤ 8.294
gini = 0.444
samples = 3
value = [2, 1]
class = Not Survived
Fare ≤ 8.673
gini = 0.278
samples = 6
value = [1, 5]
class = Survived
Age ≤ 28.25
gini = 0.493
samples = 16
value = [9, 7]
class = Not Survived
Age ≤ 14.5
gini = 0.444
samples = 3
value = [1, 2]
class = Survived
Age ≤ 18.5
gini = 0.408
samples = 14
value = [4, 10]
class = Survived
Age ≤ 24.0
gini = 0.245
samples = 6
value = [1, 5]
class = Survived
Fare ≤ 7.8958
gini = 0.5
samples = 2
value = [1, 1]
class = Not Survived
SibSp ≤ 0.5
gini = 0.426
samples = 28
value = [19, 9]
class = Not Survived
Age ≤ 20.0
gini = 0.492
samples = 16
value = [9, 7]
class = Not Survived
Age ≤ 19.0
gini = 0.49
samples = 7
value = [4, 3]
class = Not Survived
Fare ≤ 7.01
gini = 0.408
samples = 7
value = [5, 2]
class = Not Survived
Fare ≤ 15.975
gini = 0.408
samples = 7
value = [5, 2]
class = Not Survived
Fare ≤ 19.262
gini = 0.278
samples = 12
value = [10, 2]
class = Not Survived
gini = 0.0
samples = 2
value = [0, 2]
class = Survived
gini = 0.0
samples = 5
value = [5, 0]
class = Not Survived
gini = 0.0
samples = 1
value = [1, 0]
class = Not Survived
gini = 0.0
samples = 1
value = [0, 1]
class =