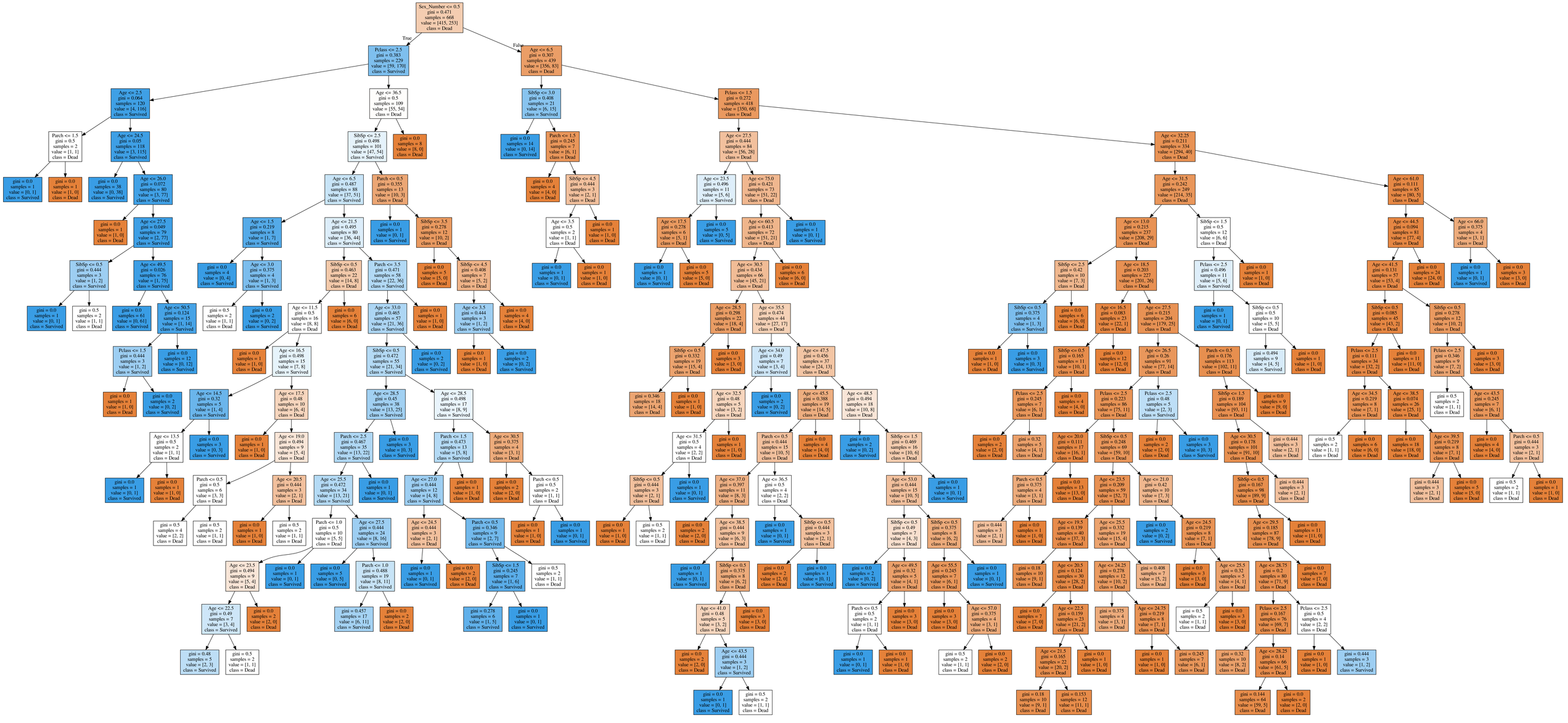
Sex_Number <= 0.5
gini = 0.471
samples = 668
value = [415, 253]
class = Dead
True
False
Pclass <= 2.5
gini = 0.383
samples = 229
value = [59, 170]
class = Survived
Age <= 6.5
gini = 0.307
samples = 439
value = [356, 83]
class = Dead
Age <= 2.5
gini = 0.064
samples = 120
value = [4, 116]
class = Survived
Age <= 36.5
gini = 0.5
samples = 109
value = [55, 54]
class = Dead
SibSp <= 3.0
gini = 0.408
samples = 21
value = [6, 15]
class = Survived
Pclass <= 1.5
gini = 0.272
samples = 418
value = [350, 68]
class = Dead
Parch <= 1.5
gini = 0.5
samples = 2
value = [1, 1]
class = Dead
Age <= 24.5
gini = 0.05
samples = 118
value = [3, 115]
class = Survived
SibSp <= 2.5
gini = 0.498
samples = 101
value = [47, 54]
class = Survived
gini = 0.0
samples = 8
value = [8, 0]
class = Dead
gini = 0.0
samples = 14
value = [0, 14]
class = Survived
Parch <= 1.5
gini = 0.245
samples = 7
value = [6, 1]
class = Dead
Age <= 27.5
gini = 0.444
samples = 84
value = [56, 28]
class = Dead
Age <= 32.25
gini = 0.211
samples = 334
value = [294, 40]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 38
value = [0, 38]
class = Survived
Age <= 26.0
gini = 0.072
samples = 80
value = [3, 77]
class = Survived
Age <= 6.5
gini = 0.487
samples = 88
value = [37, 51]
class = Survived
Parch <= 0.5
gini = 0.355
samples = 13
value = [10, 3]
class = Dead
gini = 0.0
samples = 4
value = [4, 0]
class = Dead
SibSp <= 4.5
gini = 0.444
samples = 3
value = [2, 1]
class = Dead
Age <= 3.5
gini = 0.5
samples = 2
value = [1, 1]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
Age <= 31.5
gini = 0.242
samples = 249
value = [214, 35]
class = Dead
Age <= 44.5
gini = 0.094
samples = 81
value = [77, 4]
class = Dead
Age <= 66.0
gini = 0.375
samples = 4
value = [3, 1]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Survived
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
gini = 0.0
samples = 3
value = [3, 0]
class = Dead
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
Age <= 1.5
gini = 0.219
samples = 8
value = [7, 1]
class = Survived
Age <= 21.5
gini = 0.495
samples = 80
value = [36, 44]
class = Survived
SibSp <= 3.5
gini = 0.278
samples = 12
value = [10, 2]
class = Dead
Age <= 27.5
gini = 0.049
samples = 79
value = [2, 77]
class = Survived
Age <= 49.5
gini = 0.026
samples = 76
value = [1, 75]
class = Survived
gini = 0.0
samples = 4
value = [0, 4]
class = Survived
Age <= 3.0
gini = 0.375
samples = 4
value = [1, 3]
class = Survived
SibSp <= 0.5
gini = 0.463
samples = 22
value = [14, 8]
class = Dead
Parch <= 3.5
gini = 0.471
samples = 58
value = [22, 36]
class = Survived
gini = 0.0
samples = 5
value = [5, 0]
class = Dead
SibSp <= 4.5
gini = 0.408
samples = 7
value = [5, 2]
class = Dead
Age <= 17.5
gini = 0.278
samples = 6
value = [5, 1]
class = Dead
gini = 0.0
samples = 5
value = [0, 5]
class = Survived
Age <= 60.5
gini = 0.413
samples = 72
value = [51, 21]
class = Dead
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
Age <= 13.0
gini = 0.215
samples = 237
value = [208, 29]
class = Dead
SibSp <= 1.5
gini = 0.5
samples = 12
value = [6, 6]
class = Dead
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 4
value = [4, 0]
class = Dead
Age <= 3.5
gini = 0.444
samples = 3
value = [2, 1]
class = Dead
gini = 0.0
samples = 2
value = [0, 2]
class = Survived
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
Age <= 23.5
gini = 0.496
samples = 11
value = [5, 6]
class = Survived
Age <= 75.0
gini = 0.421
samples = 73
value = [51, 22]
class = Dead
gini = 0.0
samples = 6
value = [6, 0]
class = Dead
SibSp <= 2.5
gini = 0.42
samples = 10
value = [7, 3]
class = Dead
Age <= 18.5
gini = 0.203
samples = 227
value = [201, 26]
class = Dead
Pclass <= 2.5
gini = 0.496
samples = 11
value = [5, 6]
class = Survived
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
SibSp <= 0.5
gini = 0.5
samples = 2
value = [1, 1]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [0, 1]
class = Survived
gini = 0.0
samples = 5
value = [5, 0]
class = Dead
Age <= 30.5
gini = 0.434
samples = 66
value = [45, 21]
class = Dead
gini = 0.0
samples = 6
value = [6, 0]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 3
value = [3, 0]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
Age <= 11.5
gini = 0.5
samples = 16
value = [8, 8]
class = Dead
gini = 0.0
samples = 6
value = [6, 0]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 4
value = [4, 0]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 2
value = [0, 2]
class = Survived
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 2
value = [0, 2]
class = Survived
Age <= 28.5
gini = 0.298
samples = 22
value = [18, 4]
class = Dead
Age <= 35.5
gini = 0.474
samples = 44
value = [27, 17]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
Age <= 16.5
gini = 0.498
samples = 15
value = [7, 8]
class = Survived
Age <= 33.0
gini = 0.465
samples = 57
value = [21, 36]
class = Survived
SibSp <= 0.5
gini = 0.332
samples = 19
value = [15, 4]
class = Dead
gini = 0.0
samples = 3
value = [3, 0]
class = Dead
Age <= 34.0
gini = 0.49
samples = 7
value = [3, 4]
class = Survived
Age <= 47.5
gini = 0.456
samples = 37
value = [24, 13]
class = Dead
Pclass <= 1.5
gini = 0.375
samples = 4
value = [1, 3]
class = Survived
gini = 0.0
samples = 6
value = [6, 0]
class = Dead
Age <= 16.5
gini = 0.083
samples = 23
value = [22, 1]
class = Dead
Age <= 27.5
gini = 0.215
samples = 204
value = [179, 25]
class = Dead
Pclass <= 2.5
gini = 0.496
samples = 11
value = [5, 6]
class = Survived
SibSp <= 0.5
gini = 0.5
samples = 10
value = [5, 5]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
Age <= 41.5
gini = 0.131
samples = 57
value = [53, 4]
class = Dead
gini = 0.0
samples = 24
value = [24, 0]
class = Dead
SibSp <= 0.5
gini = 0.085
samples = 45
value = [43, 2]
class = Dead
SibSp <= 0.5
gini = 0.278
samples = 12
value = [10, 2]
class = Dead
Age <= 2.5
gini = 0.444
samples = 3
value = [2, 1]
class = Dead
Age <= 14.5
gini = 0.32
samples = 5
value = [1, 4]
class = Survived
Age <= 17.5
gini = 0.48
samples = 10
value = [6, 4]
class = Dead
Age <= 28.5
gini = 0.45
samples = 38
value = [13, 25]
class = Survived
Age <= 28.5
gini = 0.498
samples = 17
value = [8, 9]
class = Survived
Age <= 31.5
gini = 0.5
samples = 4
value = [2, 2]
class = Dead
Age <= 32.5
gini = 0.48
samples = 5
value = [3, 2]
class = Dead
gini = 0.0
samples = 2
value = [0, 2]
class = Survived
Age <= 45.5
gini = 0.388
samples = 19
value = [14, 5]
class = Dead
Age <= 48.5
gini = 0.494
samples = 18
value = [10, 8]
class = Dead
Pclass <= 2.5
gini = 0.245
samples = 7
value = [6, 1]
class = Dead
Age <= 20.0
gini = 0.111
samples = 17
value = [16, 1]
class = Dead
SibSp <= 0.5
gini = 0.248
samples = 69
value = [59, 10]
class = Dead
Pclass <= 2.5
gini = 0.48
samples = 5
value = [2, 3]
class = Survived
Age <= 38.5
gini = 0.074
samples = 26
value = [25, 1]
class = Dead
Age <= 43.5
gini = 0.245
samples = 7
value = [6, 1]
class = Dead
Age <= 14.5
gini = 0.444
samples = 3
value = [2, 1]
class = Dead
Age <= 19.0
gini = 0.494
samples = 9
value = [5, 4]
class = Dead
Parch <= 2.5
gini = 0.467
samples = 35
value = [13, 22]
class = Survived
gini = 0.0
samples = 3
value = [0, 3]
class = Survived
Parch <= 1.5
gini = 0.473
samples = 13
value = [5, 8]
class = Survived
Age <= 30.5
gini = 0.375
samples = 4
value = [3, 1]
class = Dead
Parch <= 0.5
gini = 0.444
samples = 4
value = [4, 0]
class = Dead
gini = 0.0
samples = 2
value = [0, 2]
class = Survived
Parch <= 0.5
gini = 0.444
samples = 9
value = [7, 2]
class = Dead
Age <= 39.5
gini = 0.219
samples = 8
value = [7, 1]
class = Dead
Parch <= 0.5
gini = 0.444
samples = 3
value = [2, 1]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [1, 0]
class = Dead
gini = 0.0
samples = 1
value = [1, 0