

Title ≤ 1.5
gini = 0.473
samples = 891
value = [549, 342]



Pclass ≤ 1.5
gini = 0.264
samples = 517
value = [436, 81]

Pclass ≤ 2.5
gini = 0.422
samples = 374
value = [113, 261]

Age_Pclass ≤ 2.5
gini = 0.452
samples = 107
value = [70, 37]

Age ≤ 1.5
gini = 0.192
samples = 410
value = [366, 44]

Title ≤ 4.5
gini = 0.209
samples = 202
value = [24, 178]

Fare ≤ 2.5
gini = 0.499
samples = 172
value = [89, 83]

Age_Pclass ≤ 4.5
gini = 0.204
samples = 26
value = [23, 3]

Fare ≤ 1.0
gini = 0.483
samples = 26
value = [48, 33]

Fare ≤ 2.5
gini = 0.26
samples = 26
value = [22, 4]

Fare ≤ 2.5
gini = 0.215
samples = 311
value = [273, 38]

Fare ≤ 0.5
gini = 0.114
samples = 99
value = [93, 6]

Fare ≤ 2.5
gini = 0.096
samples = 179
value = [9, 170]

Pclass ≤ 1.5
gini = 0.454
samples = 23
value = [15, 8]

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

Fare ≤ 2.5
gini = 0.491
samples = 76
value = [43, 33]

Age ≤ 3.5
gini = 0.32
samples = 10
value = [8, 2]

Embarked ≤ 0.5
gini = 0.219
samples = 16
value = [14, 2]

Age ≤ 2.5
gini = 0.16
samples = 80
value = [7, 73]

Age_Pclass ≤ 1.5
gini = 0.04
samples = 99
value = [2, 97]

Sex ≤ 0.5
gini = 0.498
samples = 15
value = [7, 8]

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

IsAlone ≤ 0.5
gini = 0.49
samples = 28
value = [12, 16]

IsAlone ≤ 0.5
gini = 0.457
samples = 48
value = [31, 17]

Embarked ≤ 0.5
gini = 0.202
samples = 289
value = [256, 33]

IsAlone ≤ 0.5
gini = 0.351
samples = 22
value = [17, 5]

Age ≤ 2.5
gini = 0.016
samples = 80
value = [7, 73]

Age_Pclass ≤ 1.5
gini = 0.04
samples = 99
value = [2, 97]

Sex ≤ 0.5
gini = 0.498
samples = 15
value = [7, 8]

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

Embarked ≤ 0.5
gini = 0.219
samples = 8
value = [7, 1]

gini = 0.5
samples = 2
value = [1, 1]

Embarked ≤ 1.5
gini = 0.245
samples = 70
value = [60, 10]

IsAlone ≤ 0.5
gini = 0.0
samples = 13
value = [13, 0]

Age_Pclass ≤ 2.5
gini = 0.0494
samples = 9
value = [4, 5]

Age ≤ 1.5
gini = 0.24
samples = 67
value = [61, 6]

gini = 0.0
samples = 24
value = [24, 0]

Embarked ≤ 0.5
gini = 0.497
samples = 28
value = [15, 13]

Age ≤ 1.5
gini = 0.32
samples = 20
value = [16, 4]

Fare ≤ 1.5
gini = 0.188
samples = 219
value = [196, 23]

Embarked ≤ 1.5
gini = 0.245
samples = 70
value = [60, 10]

IsAlone ≤ 0.5
gini = 0.0
samples = 13
value = [13, 0]

Age_Pclass ≤ 2.5
gini = 0.0494
samples = 9
value = [4, 5]

Age ≤ 1.5
gini = 0.24
samples = 67
value = [61, 6]

gini = 0.0
samples = 24
value = [24, 0]

Age_Pclass ≤ 1.5
gini = 0.465
samples = 19
value = [7, 12]

Age_Pclass ≤ 0.5
gini = 0.483
samples = 27
value = [11, 16]

Fare ≤ 0.5
gini = 0.203
samples = 192
value = [170, 22]

Pclass ≤ 2.5
gini = 0.071
samples = 7
value = [26, 1]

Age_Pclass ≤ 1.0
gini = 0.295
samples = 39
value = [32, 7]

IsAlone ≤ 0.5
gini = 0.175
samples = 31
value = [28, 3]

IsAlone ≤ 0.5
gini = 0.0
samples = 2
value = [2, 0]

IsAlone ≤ 0.5
gini = 0.408
samples = 7
value = [2, 5]

Age ≤ 1.5
gini = 0.48
samples = 10
value = [4, 6]

Embarked ≤ 0.5
gini = 0.444
samples = 6
value = [4, 2]

Fare ≤ 1.5
gini = 0.185
samples = 99
value = [85, 8]

Pclass ≤ 2.5
gini = 0.175
samples = 31
value = [28, 3]

IsAlone ≤ 0.5
gini = 0.307
samples = 37
value = [30, 7]

Fare ≤ 1.0
gini = 0.32
samples = 5
value = [4, 1]

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

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

Age ≤ 1.5
gini = 0.496
samples = 18
value = [15, 13]

Age ≤ 1.5
gini = 0.48
samples = 10
value = [4, 6]

Embarked ≤ 0.5
gini = 0.245
samples = 14
value = [12, 2]

Age_Pclass ≤ 2.5
gini = 0.157
samples = 93
value = [85, 8]

Pclass ≤ 2.5
gini = 0.243
samples = 99
value = [85, 14]

IsAlone ≤ 0.5
gini = 0.375
samples = 4
value = [3, 1]

gini = 0.0
samples = 21
value = [21, 0]

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

gini = 0.408
samples = 7
value = [5, 2]

gini = 0.496
samples = 11
value = [6, 5]

gini = 0.5
samples = 2
value = [1, 1]

gini = 0.5
samples = 2
value = [1, 1]

gini = 0.444
samples = 3
value = [3, 3]

gini = 0.496
samples = 6
value = [6, 5]

gini = 0.5
samples = 4
value = [4, 2]

gini = 0.5
samples = 4
value = [4, 2]

gini = 0.408
samples = 7
value = [5, 2]

gini = 0.496
samples = 11
value = [6, 5]

gini = 0.5
samples = 2
value = [1, 1]

gini = 0.5
samples = 2
value = [1, 1]

gini = 0.444
samples = 3
value = [3, 3]

gini = 0.496
samples = 6
value = [6, 5]

gini = 0.5
samples = 4
value = [4, 2]

gini = 0.5
samples = 4
value = [4, 2]