Optimized Decision Tree from GridSearchCV

Go_Out <= 3.5
gini = 0.438
samples = 244
value = [79, 165]
class = Passed

True

False

sex <= 0.5
gini = 0.37
samples = 159
value = [39.0, 120.0]
class = Passed

age <= 17.5
gini = 0.498
samples = 85
value = [40, 45]
class = Passed

absences <= 0.5
gini = 0.45
samples = 85
value = [29, 56]
class = Passed

Relationship_with_family <= 3.5
gini = 0.234
samples = 74
value = [10, 64]
class = Passed

Weekend_Alcohol <= 1.5
gini = 0.472
samples = 63
value = [24, 39]
class = Passed

absences <= 1.0
gini = 0.397
samples = 22
value = [16, 6]
class = Failed

gini = 0.497
samples = 24
value = [13, 11]
class = Failed

gini = 0.387
samples = 61
value = [16, 45]
class = Passed

gini = 0.469
samples = 16
value = [6, 10]
class = Passed

gini = 0.128
samples = 58
value = [4, 54]
class = Passed

gini = 0.444
samples = 15
value = [10, 5]
class = Failed

gini = 0.413
samples = 48
value = [14, 34]
class = Passed

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

gini = 0.497
samples = 13
value = [7, 6]
class = Failed