dst2src_rst_packets <= 1.5 gini = 0.905 samples = 6086 value = [585, 529, 579, 595, 578, 577, 655, 628, 9, 22, 587 583, 129, 13, 17] class = DoS slowloris
True
False
bidirectional_bytes <= 135.0 gini = 0.896 samples = 5457 value = [582, 529, 579, 595, 575, 577, 655, 7, 9, 22, 587 581, 129, 13, 17] class = DoS slowloris
src2dst_stddev_piat_ms <= 668.763 gini = 0.025 samples = 629 value = [3, 0, 0, 0, 3, 0, 0, 621, 0, 0, 0, 2, 0, 0 0] class = FTP-Patator
protocol <= 11.5 gini = 0.014 samples = 588 value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 584, 0, 0, 0 0] class = PortScan
dst2src_last_seen_ms <= 509414068.0 gini = 0.884 samples = 4869 value = [578, 529, 579, 595, 575, 577, 655, 7, 9, 22, 3 581, 129, 13, 17] class = DoS slowloris
src2dst_mean_ps <= 906.702 gini = 0.656 samples = 8 value = [3, 0, 0, 0, 3, 0, 0, 0, 0, 0, 0, 2, 0, 0 0] class = BENIGN
gini = 0.0 samples = 621 value = [0, 0, 0, 0, 0, 0, 0, 621, 0, 0, 0, 0, 0, 0 0] class = FTP-Patator
gini = 0.0 samples = 584 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 584, 0, 0, 0 0] class = PortScan
gini = 0.0 samples = 4 value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_stddev_ps <= 1081.831 gini = 0.869 samples = 4280 value = [568, 529, 0, 595, 575, 577, 655, 7, 9, 22, 3 581, 129, 13, 17] class = DoS slowloris
bidirectional_fin_packets <= 0.5 gini = 0.033 samples = 589 value = [10, 0, 579, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DDoS
dst2src_mean_piat_ms <= 11.333 gini = 0.48 samples = 5 value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0 0] class = BENIGN
gini = 0.0 samples = 3 value = [0, 0, 0, 0, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Hulk
dst2src_psh_packets <= 14.5 gini = 0.828 samples = 3158 value = [563, 529, 0, 69, 0, 574, 654, 7, 8, 22, 3, 581 125, 9, 14] class = DoS slowloris
dst2src_first_seen_ms <= 319935891.0 gini = 0.518 samples = 1122 value = [5, 0, 0, 526, 575, 3, 1, 0, 1, 0, 0, 0, 4, 4 3] class = DoS Hulk
gini = -0.0 samples = 10 value = [10, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 579 value = [0, 0, 579, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DDoS
gini = 0.0 samples = 2 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0 0] class = SSH-Patator
gini = 0.0 samples = 3 value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
src2dst_last_seen_ms <= 457968038.0 gini = 0.783 samples = 2494 value = [552, 529, 0, 69, 0, 574, 654, 7, 0, 22, 3, 10 65, 9, 0] class = DoS slowloris
dst2src_bytes <= 12005.5 gini = 0.251 samples = 664 value = [11, 0, 0, 0, 0, 0, 0, 0, 8, 0, 0, 571, 60, 0 14] class = SSH-Patator
bidirectional_last_seen_ms <= 318383749.0 gini = 0.027 samples = 583 value = [4, 0, 0, 0, 575, 3, 1, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Hulk
bidirectional_first_seen_ms <= 327776278.0 gini = 0.048 samples = 539 value = [1, 0, 0, 526, 0, 0, 0, 0, 1, 0, 0, 0, 4, 4 3] class = DoS GoldenEye
dst2src_first_seen_ms <= 316769657.5 gini = 0.721 samples = 1889 value = [479, 0, 0, 69, 0, 574, 654, 7, 0, 22, 0, 10 65, 9, 0] class = DoS slowloris
dst2src_mean_ps <= 92.417 gini = 0.221 samples = 605 value = [73, 529, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0 0] class = Bot
gini = -0.0 samples = 571 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 571, 0, 0 0] class = SSH-Patator
bidirectional_mean_ps <= 626.558 gini = 0.54 samples = 93 value = [11, 0, 0, 0, 0, 0, 0, 0, 8, 0, 0, 0, 60, 0 14] class = Web Attack - Brute Force
bidirectional_psh_packets <= 4.5 gini = 0.594 samples = 8 value = [4, 0, 0, 0, 0, 3, 1, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 575 value = [0, 0, 0, 0, 575, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Hulk
gini = 0.0 samples = 526 value = [0, 0, 0, 526, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
bidirectional_stddev_piat_ms <= 1479.818 gini = 0.746 samples = 13 value = [1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 4, 4 3] class = Web Attack - Brute Force
bidirectional_first_seen_ms <= 284460423.5 gini = 0.435 samples = 942 value = [271, 0, 0, 0, 0, 0, 654, 7, 0, 0, 0, 10, 0 0, 0] class = DoS slowloris
bidirectional_last_seen_ms <= 318418935.5 gini = 0.575 samples = 947 value = [208, 0, 0, 69, 0, 574, 0, 0, 0, 22, 0, 0, 65 9, 0] class = DoS Slowhttptest
src2dst_mean_ps <= 89.868 gini = 0.037 samples = 539 value = [7, 529, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0 0] class = Bot
gini = 0.0 samples = 66 value = [66, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
bidirectional_fin_packets <= 1.0 gini = 0.062 samples = 62 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 60, 0 0] class = Web Attack - Brute Force
dst2src_first_seen_ms <= 402343172.5 gini = 0.645 samples = 31 value = [9, 0, 0, 0, 0, 0, 0, 0, 8, 0, 0, 0, 0, 0 14] class = Web Attack - XSS
bidirectional_first_seen_ms <= 316648256.0 gini = 0.375 samples = 4 value = [0, 0, 0, 0, 0, 3, 1, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Slowhttptest
gini = 0.0 samples = 4 value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
src2dst_first_seen_ms <= 401675961.0 gini = 0.667 samples = 9 value = [1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 4, 0 3] class = Web Attack - Brute Force
gini = 0.0 samples = 4 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4 0] class = Web Attack - Sql Injection
src2dst_psh_packets <= 5.5 gini = 0.116 samples = 280 value = [263, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0, 10, 0, 0 0] class = BENIGN
src2dst_psh_packets <= 0.5 gini = 0.024 samples = 662 value = [8, 0, 0, 0, 0, 0, 654, 0, 0, 0, 0, 0, 0, 0 0] class = DoS slowloris
dst2src_packets <= 5.5 gini = 0.02 samples = 580 value = [6, 0, 0, 0, 0, 574, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Slowhttptest
src2dst_max_ps <= 325.5 gini = 0.633 samples = 367 value = [202, 0, 0, 69, 0, 0, 0, 0, 0, 22, 0, 0, 65 9, 0] class = BENIGN
bidirectional_max_piat_ms <= 144.0 gini = 0.42 samples = 10 value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 529 value = [0, 529, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = Bot
gini = 0.0 samples = 2 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 60 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 60, 0 0] class = Web Attack - Brute Force
dst2src_syn_packets <= 0.5 gini = 0.498 samples = 17 value = [9, 0, 0, 0, 0, 0, 0, 0, 8, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 14 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 14] class = Web Attack - XSS
gini = 0.0 samples = 1 value = [0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0 0] class = DoS slowloris
gini = 0.0 samples = 3 value = [0, 0, 0, 0, 0, 3, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Slowhttptest
bidirectional_last_seen_ms <= 334868649.0 gini = 0.32 samples = 5 value = [0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 4, 0 0] class = Web Attack - Brute Force
bidirectional_last_seen_ms <= 403396610.0 gini = 0.375 samples = 4 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 3] class = Web Attack - XSS
bidirectional_mean_ps <= 78.556 gini = 0.037 samples = 264 value = [259, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0, 2, 0, 0 0] class = BENIGN
src2dst_last_seen_ms <= 245213422.0 gini = 0.625 samples = 16 value = [4, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0, 8, 0, 0 0] class = SSH-Patator
gini = 0.0 samples = 6 value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_bytes <= 5083.0 gini = 0.006 samples = 656 value = [2, 0, 0, 0, 0, 0, 654, 0, 0, 0, 0, 0, 0, 0 0] class = DoS slowloris
src2dst_ack_packets <= 0.5 gini = 0.007 samples = 576 value = [2, 0, 0, 0, 0, 574, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Slowhttptest
gini = 0.0 samples = 4 value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = -0.0 samples = 150 value = [150, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_last_seen_ms <= 320921165.5 gini = 0.747 samples = 217 value = [52, 0, 0, 69, 0, 0, 0, 0, 0, 22, 0, 0, 65, 9 0] class = DoS GoldenEye
gini = 0.0 samples = 3 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0 0] class = PortScan
gini = 0.0 samples = 7 value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 8 value = [0, 0, 0, 0, 0, 0, 0, 0, 8, 0, 0, 0, 0, 0 0] class = Heartbleed
gini = 0.0 samples = 9 value = [9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 1 value = [0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0 0] class = Heartbleed
gini = 0.0 samples = 4 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0 0] class = Web Attack - Brute Force
gini = 0.0 samples = 3 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 3] class = Web Attack - XSS
gini = 0.0 samples = 1 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_bytes <= 350.0 gini = 0.421 samples = 19 value = [14, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0, 2, 0, 0 0] class = BENIGN
gini = 0.0 samples = 245 value = [245, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
src2dst_mean_ps <= 78.533 gini = 0.5 samples = 8 value = [4, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 8 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 8, 0, 0 0] class = SSH-Patator
gini = 0.0 samples = 654 value = [0, 0, 0, 0, 0, 0, 654, 0, 0, 0, 0, 0, 0, 0 0] class = DoS slowloris
gini = 0.0 samples = 2 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 2 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 574 value = [0, 0, 0, 0, 0, 574, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Slowhttptest
bidirectional_ack_packets <= 14.5 gini = 0.104 samples = 73 value = [4, 0, 0, 69, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
bidirectional_bytes <= 1680.5 gini = 0.673 samples = 144 value = [48, 0, 0, 0, 0, 0, 0, 0, 0, 22, 0, 0, 65, 9 0] class = Web Attack - Brute Force
src2dst_mean_piat_ms <= 13.0 gini = 0.219 samples = 16 value = [14, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0 0] class = BENIGN
gini = 0.0 samples = 3 value = [0, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0, 0, 0, 0 0] class = FTP-Patator
gini = 0.0 samples = 4 value = [0, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0, 0, 0, 0 0] class = FTP-Patator
gini = 0.0 samples = 4 value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = -0.0 samples = 69 value = [0, 0, 0, 69, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
gini = 0.0 samples = 4 value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
src2dst_max_piat_ms <= 5282.0 gini = 0.034 samples = 58 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 57, 0 0] class = Web Attack - Brute Force
dst2src_mean_ps <= 78.95 gini = 0.643 samples = 86 value = [47, 0, 0, 0, 0, 0, 0, 0, 0, 22, 0, 0, 8, 9 0] class = BENIGN
gini = 0.0 samples = 2 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0 0] class = SSH-Patator
gini = 0.0 samples = 14 value = [14, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 57 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 57, 0 0] class = Web Attack - Brute Force
gini = 0.0 samples = 1 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = -0.0 samples = 22 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 22, 0, 0, 0, 0 0] class = Infiltration
bidirectional_psh_packets <= 2.5 gini = 0.473 samples = 64 value = [47, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 8, 9 0] class = BENIGN
src2dst_max_ps <= 503.5 gini = 0.602 samples = 16 value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 9 0] class = Web Attack - Sql Injection
src2dst_packets <= 8.5 gini = 0.254 samples = 48 value = [40, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 8, 0 0] class = BENIGN
gini = 0.571 samples = 7 value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 9 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 9 0] class = Web Attack - Sql Injection
gini = 0.594 samples = 8 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 8, 0 0] class = Web Attack - Brute Force
gini = 0.095 samples = 40 value = [40, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN