bidirectional_bytes <= 136.0 gini = 0.906 samples = 6086 value = [610, 587, 547, 614, 586, 567, 607, 565, 7, 25, 595 603, 138, 11, 24] class = DoS GoldenEye
True
False
src2dst_last_seen_ms <= 377094650.0 gini = 0.003 samples = 592 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 591, 0, 0, 0 0] class = PortScan
dst2src_rst_packets <= 1.5 gini = 0.896 samples = 5494 value = [609, 587, 547, 614, 586, 567, 607, 565, 7, 25, 4 603, 138, 11, 24] class = DoS GoldenEye
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 = 591 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 591, 0, 0, 0 0] class = PortScan
dst2src_last_seen_ms <= 509030659.0 gini = 0.885 samples = 4922 value = [603, 587, 547, 614, 580, 567, 607, 5, 7, 25, 4 603, 138, 11, 24] class = DoS GoldenEye
src2dst_ack_packets <= 8.5 gini = 0.041 samples = 572 value = [6, 0, 0, 0, 6, 0, 0, 560, 0, 0, 0, 0, 0, 0 0] class = FTP-Patator
dst2src_stddev_ps <= 1253.674 gini = 0.87 samples = 4356 value = [584, 587, 0, 614, 580, 567, 607, 5, 7, 25, 4 603, 138, 11, 24] class = DoS GoldenEye
bidirectional_bytes <= 7410.0 gini = 0.065 samples = 566 value = [19, 0, 547, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DDoS
src2dst_bytes <= 6302.0 gini = 0.5 samples = 12 value = [6, 0, 0, 0, 6, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 560 value = [0, 0, 0, 0, 0, 0, 0, 560, 0, 0, 0, 0, 0, 0 0] class = FTP-Patator
dst2src_psh_packets <= 14.5 gini = 0.83 samples = 3205 value = [577, 587, 0, 63, 2, 564, 606, 5, 7, 25, 4, 603 135, 9, 18] class = DoS slowloris
dst2src_first_seen_ms <= 319927500.5 gini = 0.519 samples = 1151 value = [7, 0, 0, 551, 578, 3, 1, 0, 0, 0, 0, 0, 3, 2 6] class = DoS Hulk
gini = 0.0 samples = 19 value = [19, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 547 value = [0, 0, 547, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DDoS
gini = 0.0 samples = 6 value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 6 value = [0, 0, 0, 0, 6, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Hulk
bidirectional_last_seen_ms <= 458023732.5 gini = 0.784 samples = 2512 value = [568, 587, 0, 63, 2, 564, 606, 5, 0, 25, 4, 6 73, 9, 0] class = DoS slowloris
src2dst_ack_packets <= 102.5 gini = 0.249 samples = 693 value = [9, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 597, 62, 0 18] class = SSH-Patator
bidirectional_first_seen_ms <= 318374250.5 gini = 0.027 samples = 586 value = [3, 0, 0, 1, 578, 3, 1, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Hulk
bidirectional_last_seen_ms <= 360369908.5 gini = 0.052 samples = 565 value = [4, 0, 0, 550, 0, 0, 0, 0, 0, 0, 0, 0, 3, 2 6] class = DoS GoldenEye
dst2src_first_seen_ms <= 316936132.0 gini = 0.724 samples = 1842 value = [489, 0, 0, 63, 2, 564, 606, 5, 0, 25, 0, 6, 73 9, 0] class = DoS slowloris
dst2src_mean_ps <= 92.417 gini = 0.218 samples = 670 value = [79, 587, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0 0] class = Bot
gini = -0.0 samples = 597 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 597, 0, 0 0] class = SSH-Patator
src2dst_stddev_ps <= 230.446 gini = 0.534 samples = 96 value = [9, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0, 62, 0 18] class = Web Attack - Brute Force
src2dst_first_seen_ms <= 281951065.0 gini = 0.612 samples = 7 value = [3, 0, 0, 0, 0, 3, 1, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
src2dst_max_ps <= 542.5 gini = 0.003 samples = 579 value = [0, 0, 0, 1, 578, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Hulk
gini = 0.0 samples = 550 value = [0, 0, 0, 550, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
dst2src_duration_ms <= 5936.5 gini = 0.711 samples = 15 value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 2 6] class = Web Attack - XSS
src2dst_first_seen_ms <= 315270212.0 gini = 0.436 samples = 880 value = [263, 0, 0, 0, 0, 0, 606, 5, 0, 0, 0, 6, 0, 0 0] class = DoS slowloris
bidirectional_last_seen_ms <= 318422693.0 gini = 0.59 samples = 962 value = [226, 0, 0, 63, 2, 564, 0, 0, 0, 25, 0, 0, 73 9, 0] class = DoS Slowhttptest
bidirectional_mean_ps <= 86.601 gini = 0.023 samples = 594 value = [3, 587, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0 0] class = Bot
gini = 0.0 samples = 76 value = [76, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
src2dst_duration_ms <= 57159.5 gini = 0.031 samples = 63 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 62, 0 0] class = Web Attack - Brute Force
bidirectional_last_seen_ms <= 369372215.5 gini = 0.599 samples = 33 value = [8, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0, 0, 0 18] class = Web Attack - XSS
gini = 0.0 samples = 3 value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
src2dst_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 = 578 value = [0, 0, 0, 0, 578, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Hulk
gini = 0.0 samples = 1 value = [0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
src2dst_last_seen_ms <= 412622029.0 gini = 0.642 samples = 9 value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 2 0] class = BENIGN
gini = 0.0 samples = 6 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 6] class = Web Attack - XSS
bidirectional_psh_packets <= 10.5 gini = 0.08 samples = 267 value = [256, 0, 0, 0, 0, 0, 0, 5, 0, 0, 0, 6, 0, 0 0] class = BENIGN
bidirectional_psh_packets <= 0.5 gini = 0.023 samples = 613 value = [7, 0, 0, 0, 0, 0, 606, 0, 0, 0, 0, 0, 0, 0 0] class = DoS slowloris
src2dst_psh_packets <= 0.5 gini = 0.034 samples = 574 value = [10, 0, 0, 0, 0, 564, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Slowhttptest
src2dst_mean_ps <= 131.018 gini = 0.624 samples = 388 value = [216, 0, 0, 63, 2, 0, 0, 0, 0, 25, 0, 0, 73 9, 0] class = BENIGN
bidirectional_duration_ms <= 163.5 gini = 0.49 samples = 7 value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0 0] class = PortScan
gini = 0.0 samples = 587 value = [0, 587, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = Bot
gini = 0.0 samples = 62 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 62, 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
dst2src_mean_piat_ms <= 92.241 gini = 0.5 samples = 14 value = [7, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_max_ps <= 2115.5 gini = 0.1 samples = 19 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 18] 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_first_seen_ms <= 399981356.0 gini = 0.48 samples = 5 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 2 0] class = Web Attack - Brute Force
gini = 0.0 samples = 4 value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
bidirectional_mean_ps <= 78.556 gini = 0.008 samples = 254 value = [253, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_first_seen_ms <= 237611244.5 gini = 0.639 samples = 13 value = [3, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0, 6, 0, 0 0] class = SSH-Patator
gini = -0.0 samples = 5 value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_packets <= 5.5 gini = 0.007 samples = 608 value = [2, 0, 0, 0, 0, 0, 606, 0, 0, 0, 0, 0, 0, 0 0] class = DoS slowloris
gini = 0.0 samples = 6 value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_packets <= 6.0 gini = 0.014 samples = 568 value = [4, 0, 0, 0, 0, 564, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Slowhttptest
dst2src_mean_ps <= 728.611 gini = 0.06 samples = 193 value = [187, 0, 0, 6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
bidirectional_first_seen_ms <= 326148668.0 gini = 0.747 samples = 195 value = [29, 0, 0, 57, 2, 0, 0, 0, 0, 25, 0, 0, 73, 9 0] class = Web Attack - Brute Force
gini = 0.0 samples = 4 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0 0] class = PortScan
gini = 0.0 samples = 3 value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 7 value = [0, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0, 0, 0 0] class = Heartbleed
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 = 18 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 18] 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
gini = 0.0 samples = 3 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0 0] class = Web Attack - Brute Force
gini = 0.0 samples = 2 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2 0] class = Web Attack - Sql Injection
dst2src_packets <= 4.5 gini = 0.18 samples = 10 value = [9, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 244 value = [244, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
src2dst_min_ps <= 63.0 gini = 0.49 samples = 7 value = [3, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0, 0, 0, 0 0] class = FTP-Patator
gini = 0.0 samples = 6 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 6, 0, 0 0] class = SSH-Patator
gini = -0.0 samples = 606 value = [0, 0, 0, 0, 0, 0, 606, 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 = 564 value = [0, 0, 0, 0, 0, 564, 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 = 184 value = [184, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
bidirectional_packets <= 42.0 gini = 0.444 samples = 9 value = [3, 0, 0, 6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
dst2src_ack_packets <= 10.0 gini = 0.125 samples = 61 value = [2, 0, 0, 57, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
bidirectional_bytes <= 1680.5 gini = 0.651 samples = 134 value = [27, 0, 0, 0, 0, 0, 0, 0, 0, 25, 0, 0, 73, 9 0] class = Web Attack - Brute Force
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, 1, 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 = 3 value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 6 value = [0, 0, 0, 6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
gini = 0.0 samples = 3 value = [3, 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, 57, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
src2dst_first_seen_ms <= 318680544.0 gini = 0.5 samples = 4 value = [2, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
bidirectional_mean_piat_ms <= 563.585 gini = 0.11 samples = 69 value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 65, 0 0] class = Web Attack - Brute Force
dst2src_mean_ps <= 89.5 gini = 0.691 samples = 65 value = [24, 0, 0, 0, 0, 0, 0, 0, 0, 24, 0, 0, 8, 9 0] class = BENIGN
gini = 0.0 samples = 2 value = [0, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Hulk
gini = 0.0 samples = 2 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
bidirectional_mean_piat_ms <= 1.0 gini = 0.375 samples = 4 value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 65 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 65, 0 0] class = Web Attack - Brute Force
gini = 0.0 samples = 24 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 24, 0, 0, 0, 0 0] class = Infiltration
bidirectional_packets <= 16.5 gini = 0.565 samples = 41 value = [24, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 8, 9 0] class = BENIGN
gini = 0.0 samples = 1 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0 0] class = Infiltration
gini = 0.0 samples = 3 value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
bidirectional_last_seen_ms <= 404729817.0 gini = 0.609 samples = 16 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 7, 9 0] class = Web Attack - Sql Injection
src2dst_psh_packets <= 12.0 gini = 0.077 samples = 25 value = [24, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0 0] class = BENIGN
gini = 0.612 samples = 7 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 7, 0 0] class = Web Attack - Brute Force
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 = 0.0 samples = 24 value = [24, 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, 0, 0, 0, 0, 1, 0 0] class = Web Attack - Brute Force