dst2src_first_seen_ms <= 509458174.5 gini = 0.905 samples = 6087 value = [598, 595, 599, 548, 609, 587, 591, 571, 7, 21, 611, 606, 116, 9, 19] class = PortScan
True
False
dst2src_stddev_ps <= 878.367 gini = 0.895 samples = 5481 value = [591, 595, 0, 548, 609, 587, 591, 571, 7, 21, 611, 606, 116, 9, 19] class = PortScan
bidirectional_stddev_ps <= 839.651 gini = 0.023 samples = 606 value = [7, 0, 599, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DDoS
dst2src_psh_packets <= 13.5 gini = 0.868 samples = 4328 value = [584, 595, 0, 24, 7, 584, 591, 571, 7, 21, 611, 606, 111, 0, 16] class = PortScan
dst2src_max_piat_ms <= 1870.5 gini = 0.521 samples = 1153 value = [7, 0, 0, 524, 602, 3, 0, 0, 0, 0, 0, 0, 5, 9, 3] class = DoS Hulk
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 = 599 value = [0, 0, 599, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DDoS
src2dst_psh_packets <= 0.5 gini = 0.844 samples = 3653 value = [581, 595, 0, 24, 7, 584, 591, 571, 0, 21, 611, 11, 57, 0, 0] class = PortScan
bidirectional_bytes <= 29347.0 gini = 0.216 samples = 675 value = [3, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 595, 54, 0, 16] class = SSH-Patator
dst2src_fin_packets <= 0.5 gini = 0.016 samples = 607 value = [3, 0, 0, 0, 602, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0] class = DoS Hulk
dst2src_last_seen_ms <= 360375287.0 gini = 0.079 samples = 546 value = [4, 0, 0, 524, 0, 3, 0, 0, 0, 0, 0, 0, 4, 8, 3] class = DoS GoldenEye
src2dst_syn_packets <= 0.5 gini = 0.491 samples = 1075 value = [464, 0, 0, 0, 0, 0, 0, 0, 0, 0, 611, 0, 0, 0, 0] class = PortScan
dst2src_first_seen_ms <= 457267197.5 gini = 0.791 samples = 2578 value = [117, 595, 0, 24, 7, 584, 591, 571, 0, 21, 0, 11, 57, 0, 0] class = Bot
gini = -0.0 samples = 595 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 595, 0, 0, 0] class = SSH-Patator
bidirectional_max_ps <= 1535.0 gini = 0.495 samples = 80 value = [3, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0, 54, 0, 16] class = Web Attack - Brute Force
src2dst_first_seen_ms <= 404945961.0 gini = 0.56 samples = 5 value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0] class = BENIGN
gini = 0.0 samples = 602 value = [0, 0, 0, 0, 602, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Hulk
bidirectional_first_seen_ms <= 318780657.0 gini = 0.022 samples = 530 value = [3, 0, 0, 524, 0, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS GoldenEye
src2dst_psh_packets <= 1.5 gini = 0.648 samples = 16 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 8, 3] class = Web Attack - Sql Injection
src2dst_bytes <= 62.5 gini = 0.099 samples = 481 value = [456, 0, 0, 0, 0, 0, 0, 0, 0, 0, 25, 0, 0, 0, 0] class = BENIGN
bidirectional_mean_piat_ms <= 26.5 gini = 0.027 samples = 594 value = [8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 586, 0, 0, 0, 0] class = PortScan
src2dst_last_seen_ms <= 234663953.5 gini = 0.734 samples = 1971 value = [105, 0, 0, 24, 7, 584, 591, 571, 0, 21, 0, 11, 57, 0, 0] class = DoS slowloris
bidirectional_duration_ms <= 1129.5 gini = 0.039 samples = 607 value = [12, 595, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = Bot
gini = 0.0 samples = 54 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 54, 0, 0] class = Web Attack - Brute Force
dst2src_mean_ps <= 1527.97 gini = 0.536 samples = 26 value = [3, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0, 0, 0, 16] class = Web Attack - XSS
bidirectional_first_seen_ms <= 399768738.0 gini = 0.5 samples = 2 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0] class = Web Attack - Brute Force
gini = 0.0 samples = 3 value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
src2dst_mean_ps <= 187.283 gini = 0.5 samples = 6 value = [3, 0, 0, 0, 0, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
gini = 0.0 samples = 524 value = [0, 0, 0, 524, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS GoldenEye
gini = 0.0 samples = 8 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 8, 0] class = Web Attack - Sql Injection
src2dst_last_seen_ms <= 401667772.5 gini = 0.594 samples = 8 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 3] class = Web Attack - Brute Force
src2dst_last_seen_ms <= 409435033.0 gini = 0.407 samples = 81 value = [58, 0, 0, 0, 0, 0, 0, 0, 0, 0, 23, 0, 0, 0, 0] class = BENIGN
bidirectional_packets <= 1.5 gini = 0.01 samples = 400 value = [398, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0] class = BENIGN
bidirectional_max_piat_ms <= 0.5 gini = 0.003 samples = 587 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 586, 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
bidirectional_stddev_ps <= 16.309 gini = 0.117 samples = 609 value = [38, 0, 0, 0, 0, 0, 0, 571, 0, 0, 0, 0, 0, 0, 0] class = FTP-Patator
src2dst_first_seen_ms <= 316769905.0 gini = 0.623 samples = 1362 value = [67, 0, 0, 24, 7, 584, 591, 0, 0, 21, 0, 11, 57, 0, 0] class = DoS slowloris
src2dst_ack_packets <= 2.0 gini = 0.003 samples = 595 value = [1, 594, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = Bot
dst2src_psh_packets <= 1.5 gini = 0.153 samples = 12 value = [11, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
src2dst_stddev_ps <= 1528.023 gini = 0.42 samples = 10 value = [3, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0, 0, 0, 0] class = Heartbleed
gini = 0.0 samples = 16 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 16] class = Web Attack - XSS
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
gini = 0.0 samples = 1 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0] class = Web Attack - Sql Injection
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 = 3 value = [0, 0, 0, 0, 0, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Slowhttptest
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
bidirectional_first_seen_ms <= 403390373.0 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
gini = -0.0 samples = 45 value = [45, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
bidirectional_last_seen_ms <= 426362018.5 gini = 0.461 samples = 36 value = [13, 0, 0, 0, 0, 0, 0, 0, 0, 0, 23, 0, 0, 0, 0] class = PortScan
bidirectional_first_seen_ms <= 466351160.5 gini = 0.219 samples = 16 value = [14, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0] class = BENIGN
gini = 0.0 samples = 384 value = [384, 0, 0, 0, 0, 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, 0, 0, 0, 560, 0, 0, 0, 0] class = PortScan
src2dst_first_seen_ms <= 502519294.0 gini = 0.071 samples = 27 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 26, 0, 0, 0, 0] class = PortScan
bidirectional_bytes <= 112.5 gini = 0.01 samples = 574 value = [3, 0, 0, 0, 0, 0, 0, 571, 0, 0, 0, 0, 0, 0, 0] class = FTP-Patator
gini = 0.0 samples = 35 value = [35, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
bidirectional_last_seen_ms <= 281820097.0 gini = 0.073 samples = 614 value = [8, 0, 0, 0, 0, 4, 591, 0, 0, 0, 0, 11, 0, 0, 0] class = DoS slowloris
bidirectional_last_seen_ms <= 318397604.5 gini = 0.385 samples = 748 value = [59, 0, 0, 24, 7, 580, 0, 0, 0, 21, 0, 0, 57, 0, 0] class = DoS Slowhttptest
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 = 594 value = [0, 594, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = Bot
gini = 0.0 samples = 1 value = [0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = Bot
gini = 0.0 samples = 11 value = [11, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
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 = 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
gini = -0.0 samples = 22 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 22, 0, 0, 0, 0] class = PortScan
bidirectional_rst_packets <= 0.5 gini = 0.133 samples = 14 value = [13, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0] class = BENIGN
gini = -0.0 samples = 13 value = [13, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
src2dst_last_seen_ms <= 507377489.0 gini = 0.444 samples = 3 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0] class = PortScan
dst2src_last_seen_ms <= 422844321.0 gini = 0.375 samples = 4 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0, 0] class = PortScan
gini = 0.0 samples = 23 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 23, 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 = 571 value = [0, 0, 0, 0, 0, 0, 0, 571, 0, 0, 0, 0, 0, 0, 0] class = FTP-Patator
bidirectional_stddev_ps <= 403.153 gini = 0.488 samples = 19 value = [8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 11, 0, 0, 0] class = SSH-Patator
bidirectional_stddev_ps <= 174.909 gini = 0.013 samples = 595 value = [0, 0, 0, 0, 0, 4, 591, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS slowloris
dst2src_mean_ps <= 30.0 gini = 0.01 samples = 583 value = [3, 0, 0, 0, 0, 580, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Slowhttptest
bidirectional_bytes <= 1532.5 gini = 0.735 samples = 165 value = [56, 0, 0, 24, 7, 0, 0, 0, 0, 21, 0, 0, 57, 0, 0] class = Web Attack - Brute Force
gini = -0.0 samples = 13 value = [13, 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, 1, 0, 0, 0, 0] class = PortScan
gini = 0.0 samples = 2 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0] class = PortScan
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, 3, 0, 0, 0, 0] class = PortScan
gini = 0.0 samples = 1 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
src2dst_stddev_ps <= 223.78 gini = 0.153 samples = 12 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 11, 0, 0, 0] class = SSH-Patator
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 = 591 value = [0, 0, 0, 0, 0, 0, 591, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS slowloris
gini = 0.0 samples = 4 value = [0, 0, 0, 0, 0, 4, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Slowhttptest
gini = 0.0 samples = 2 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
dst2src_bytes <= 632.0 gini = 0.003 samples = 581 value = [1, 0, 0, 0, 0, 580, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Slowhttptest
bidirectional_bytes <= 978.5 gini = 0.397 samples = 71 value = [2, 0, 0, 15, 0, 0, 0, 0, 0, 1, 0, 0, 53, 0, 0] class = Web Attack - Brute Force
dst2src_mean_ps <= 70.749 gini = 0.614 samples = 94 value = [54, 0, 0, 9, 7, 0, 0, 0, 0, 20, 0, 0, 4, 0, 0] class = BENIGN
gini = -0.0 samples = 11 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 11, 0, 0, 0] class = SSH-Patator
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 = 580 value = [0, 0, 0, 0, 0, 580, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Slowhttptest
gini = 0.0 samples = 1 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
src2dst_ack_packets <= 1.5 gini = 0.29 samples = 18 value = [2, 0, 0, 15, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0] class = DoS GoldenEye
gini = 0.0 samples = 53 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 53, 0, 0] class = Web Attack - Brute Force
bidirectional_first_seen_ms <= 414598403.5 gini = 0.091 samples = 21 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 20, 0, 0, 0, 0, 0] class = Infiltration
src2dst_packets <= 7.5 gini = 0.456 samples = 73 value = [53, 0, 0, 9, 7, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0] class = BENIGN
gini = 0.0 samples = 15 value = [0, 0, 0, 15, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS GoldenEye
bidirectional_stddev_ps <= 21.92 gini = 0.444 samples = 3 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0] class = BENIGN
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 = 20 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 20, 0, 0, 0, 0, 0] class = Infiltration
src2dst_bytes <= 7898.0 gini = 0.813 samples = 25 value = [5, 0, 0, 9, 7, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0] class = DoS GoldenEye
gini = 0.0 samples = 48 value = [48, 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 = 1 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0] class = Infiltration
bidirectional_mean_piat_ms <= 226.327 gini = 0.79 samples = 18 value = [5, 0, 0, 9, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0] class = DoS GoldenEye
gini = 0.0 samples = 7 value = [0, 0, 0, 0, 7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Hulk
gini = -0.0 samples = 5 value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
bidirectional_mean_ps <= 301.702 gini = 0.746 samples = 13 value = [0, 0, 0, 9, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0] class = DoS GoldenEye
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 = 0.667 samples = 9 value = [0, 0, 0, 9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS GoldenEye