dst2src_first_seen_ms <= 509268553.5 gini = 0.905 samples = 6087 value = [560, 563, 576, 630, 626, 608, 590, 606, 13, 18 591, 553, 122, 15, 16] class = DoS GoldenEye
True
False
dst2src_stddev_ps <= 878.367 gini = 0.895 samples = 5505 value = [554, 563, 0, 630, 626, 608, 590, 606, 13, 18, 591 553, 122, 15, 16] class = DoS GoldenEye
bidirectional_last_seen_ms <= 412737746.0 gini = 0.87 samples = 4264 value = [545, 563, 0, 33, 6, 607, 590, 606, 13, 18, 591 553, 119, 7, 13] class = DoS Slowhttptest
src2dst_max_ps <= 702.5 gini = 0.82 samples = 2953 value = [401, 0, 0, 33, 6, 607, 590, 606, 13, 0, 5, 553 119, 7, 13] class = DoS Slowhttptest
bidirectional_last_seen_ms <= 236067045.5 gini = 0.776 samples = 2348 value = [371, 0, 0, 29, 0, 607, 590, 606, 0, 0, 5, 1 119, 7, 13] class = DoS Slowhttptest
src2dst_last_seen_ms <= 227011862.0 gini = 0.322 samples = 759 value = [153, 0, 0, 0, 0, 0, 0, 606, 0, 0, 0, 0, 0, 0 0] class = FTP-Patator
dst2src_psh_packets <= 6.5 gini = 0.048 samples = 123 value = [120, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_first_seen_ms <= 165636357.5 gini = 0.017 samples = 119 value = [118, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 113 value = [113, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
src2dst_mean_ps <= 81.5 gini = 0.278 samples = 6 value = [5, 0, 0, 0, 0, 0, 0, 1, 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 = 5 value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
bidirectional_last_seen_ms <= 226709524.0 gini = 0.5 samples = 4 value = [2, 0, 0, 0, 0, 0, 0, 2, 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 = 2 value = [0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0 0] class = FTP-Patator
bidirectional_mean_ps <= 82.688 gini = 0.098 samples = 636 value = [33, 0, 0, 0, 0, 0, 0, 603, 0, 0, 0, 0, 0, 0 0] class = FTP-Patator
src2dst_min_ps <= 63.0 gini = 0.023 samples = 610 value = [7, 0, 0, 0, 0, 0, 0, 603, 0, 0, 0, 0, 0, 0 0] class = FTP-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 = 603 value = [0, 0, 0, 0, 0, 0, 0, 603, 0, 0, 0, 0, 0, 0 0] class = FTP-Patator
gini = 0.0 samples = 26 value = [26, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
bidirectional_first_seen_ms <= 316772743.0 gini = 0.691 samples = 1589 value = [218, 0, 0, 29, 0, 607, 590, 0, 0, 0, 5, 1, 119 7, 13] class = DoS Slowhttptest
src2dst_psh_packets <= 0.5 gini = 0.137 samples = 637 value = [46, 0, 0, 0, 0, 0, 590, 0, 0, 0, 0, 1, 0, 0 0] class = DoS slowloris
gini = -0.0 samples = 41 value = [41, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_bytes <= 266.5 gini = 0.02 samples = 596 value = [5, 0, 0, 0, 0, 0, 590, 0, 0, 0, 0, 1, 0, 0 0] class = DoS slowloris
gini = 0.0 samples = 590 value = [0, 0, 0, 0, 0, 0, 590, 0, 0, 0, 0, 0, 0, 0 0] class = DoS slowloris
dst2src_syn_packets <= 0.5 gini = 0.278 samples = 6 value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0 0] class = BENIGN
gini = 0.0 samples = 1 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 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
bidirectional_first_seen_ms <= 318333813.5 gini = 0.544 samples = 952 value = [172, 0, 0, 29, 0, 607, 0, 0, 0, 0, 5, 0, 119 7, 13] class = DoS Slowhttptest
dst2src_last_seen_ms <= 158475897.5 gini = 0.019 samples = 613 value = [6, 0, 0, 0, 0, 607, 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
src2dst_psh_packets <= 0.5 gini = 0.007 samples = 609 value = [2, 0, 0, 0, 0, 607, 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
gini = 0.0 samples = 607 value = [0, 0, 0, 0, 0, 607, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Slowhttptest
src2dst_mean_ps <= 151.536 gini = 0.628 samples = 339 value = [166, 0, 0, 29, 0, 0, 0, 0, 0, 0, 5, 0, 119 7, 13] class = BENIGN
src2dst_bytes <= 62.5 gini = 0.068 samples = 171 value = [165, 0, 0, 1, 0, 0, 0, 0, 0, 0, 5, 0, 0, 0 0] class = BENIGN
bidirectional_first_seen_ms <= 403869465.0 gini = 0.486 samples = 12 value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 5, 0, 0, 0 0] class = BENIGN
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 = 5 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 5, 0, 0, 0 0] class = PortScan
dst2src_max_ps <= 2080.0 gini = 0.012 samples = 159 value = [158, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 158 value = [158, 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, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
src2dst_mean_ps <= 294.448 gini = 0.463 samples = 168 value = [1, 0, 0, 28, 0, 0, 0, 0, 0, 0, 0, 0, 119, 7 13] class = Web Attack - Brute Force
bidirectional_last_seen_ms <= 402834708.5 gini = 0.132 samples = 128 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 119, 7 2] class = Web Attack - Brute Force
gini = 0.0 samples = 119 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 119, 0 0] class = Web Attack - Brute Force
src2dst_bytes <= 702.0 gini = 0.346 samples = 9 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 7 2] class = Web Attack - Sql Injection
gini = 0.0 samples = 2 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 2] class = Web Attack - XSS
gini = 0.0 samples = 7 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 7 0] class = Web Attack - Sql Injection
src2dst_first_seen_ms <= 328065481.0 gini = 0.434 samples = 40 value = [1, 0, 0, 28, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 11] class = DoS GoldenEye
gini = 0.0 samples = 28 value = [0, 0, 0, 28, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
dst2src_stddev_ps <= 154.593 gini = 0.153 samples = 12 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 11] 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 = 11 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 11] class = Web Attack - XSS
src2dst_max_ps <= 725.5 gini = 0.164 samples = 605 value = [30, 0, 0, 4, 6, 0, 0, 0, 13, 0, 0, 552, 0, 0 0] class = SSH-Patator
gini = 0.0 samples = 551 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 551, 0, 0 0] class = SSH-Patator
bidirectional_stddev_ps <= 1573.068 gini = 0.615 samples = 54 value = [30, 0, 0, 4, 6, 0, 0, 0, 13, 0, 0, 1, 0, 0 0] class = BENIGN
bidirectional_syn_packets <= 3.5 gini = 0.251 samples = 35 value = [30, 0, 0, 4, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0 0] class = BENIGN
bidirectional_max_ps <= 3282.5 gini = 0.119 samples = 32 value = [30, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0 0] class = BENIGN
src2dst_psh_packets <= 8.0 gini = 0.064 samples = 30 value = [29, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0 0] class = BENIGN
gini = 0.0 samples = 29 value = [29, 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, 1, 0, 0 0] class = SSH-Patator
dst2src_mean_ps <= 175.0 gini = 0.5 samples = 2 value = [1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 1 value = [0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] 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 = 3 value = [0, 0, 0, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
bidirectional_bytes <= 4112975.5 gini = 0.432 samples = 19 value = [0, 0, 0, 0, 6, 0, 0, 0, 13, 0, 0, 0, 0, 0 0] class = Heartbleed
gini = 0.0 samples = 6 value = [0, 0, 0, 0, 6, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Hulk
gini = 0.0 samples = 13 value = [0, 0, 0, 0, 0, 0, 0, 0, 13, 0, 0, 0, 0, 0 0] class = Heartbleed
dst2src_psh_packets <= 0.5 gini = 0.604 samples = 1311 value = [144, 563, 0, 0, 0, 0, 0, 0, 0, 18, 586, 0, 0 0, 0] class = PortScan
bidirectional_syn_packets <= 0.5 gini = 0.305 samples = 716 value = [112, 0, 0, 0, 0, 0, 0, 0, 0, 18, 586, 0, 0 0, 0] class = PortScan
bidirectional_psh_packets <= 4.5 gini = 0.391 samples = 147 value = [112, 0, 0, 0, 0, 0, 0, 0, 0, 18, 17, 0, 0, 0 0] class = BENIGN
src2dst_bytes <= 63.0 gini = 0.241 samples = 130 value = [112, 0, 0, 0, 0, 0, 0, 0, 0, 1, 17, 0, 0, 0 0] class = BENIGN
bidirectional_last_seen_ms <= 426362018.5 gini = 0.497 samples = 28 value = [13, 0, 0, 0, 0, 0, 0, 0, 0, 0, 15, 0, 0, 0 0] class = PortScan
gini = 0.0 samples = 12 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 12, 0, 0, 0 0] class = PortScan
dst2src_bytes <= 30.0 gini = 0.305 samples = 16 value = [13, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 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
gini = 0.0 samples = 3 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0 0] class = PortScan
src2dst_first_seen_ms <= 420163983.5 gini = 0.057 samples = 102 value = [99, 0, 0, 0, 0, 0, 0, 0, 0, 1, 2, 0, 0, 0 0] class = BENIGN
bidirectional_rst_packets <= 0.5 gini = 0.406 samples = 8 value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 6 value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
src2dst_bytes <= 209.0 gini = 0.5 samples = 2 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0 0] class = Infiltration
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 = 1 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0 0] class = PortScan
bidirectional_bytes <= 93.0 gini = 0.021 samples = 94 value = [93, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0 0] class = BENIGN
src2dst_first_seen_ms <= 497688353.0 gini = 0.219 samples = 8 value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 4 value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
bidirectional_first_seen_ms <= 507377489.0 gini = 0.375 samples = 4 value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 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 = 3 value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 86 value = [86, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 17 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 17, 0, 0, 0, 0 0] class = Infiltration
gini = 0.0 samples = 569 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 569, 0, 0, 0 0] class = PortScan
dst2src_max_ps <= 189.0 gini = 0.102 samples = 595 value = [32, 563, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = Bot
bidirectional_mean_ps <= 91.444 gini = 0.014 samples = 565 value = [4, 561, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = Bot
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 = 561 value = [0, 561, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = Bot
bidirectional_stddev_ps <= 123.838 gini = 0.124 samples = 30 value = [28, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 2 value = [0, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = Bot
gini = 0.0 samples = 28 value = [28, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_max_piat_ms <= 1839.0 gini = 0.519 samples = 1241 value = [9, 0, 0, 597, 620, 1, 0, 0, 0, 0, 0, 0, 3, 8 3] class = DoS Hulk
dst2src_mean_ps <= 1384.778 gini = 0.016 samples = 625 value = [2, 0, 0, 0, 620, 0, 0, 0, 0, 0, 0, 0, 0, 2 1] class = DoS Hulk
src2dst_stddev_ps <= 254.18 gini = 0.64 samples = 5 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2 1] class = BENIGN
dst2src_max_piat_ms <= 369.0 gini = 0.444 samples = 3 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 1] 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, 0, 0, 0, 0, 0 1] class = Web Attack - XSS
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
gini = 0.0 samples = 620 value = [0, 0, 0, 0, 620, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Hulk
src2dst_last_seen_ms <= 325595097.5 gini = 0.06 samples = 616 value = [7, 0, 0, 597, 0, 1, 0, 0, 0, 0, 0, 0, 3, 6 2] class = DoS GoldenEye
bidirectional_first_seen_ms <= 318780662.0 gini = 0.02 samples = 603 value = [5, 0, 0, 597, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
dst2src_stddev_ps <= 1362.406 gini = 0.278 samples = 6 value = [5, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = -0.0 samples = 5 value = [5, 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, 1, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Slowhttptest
gini = 0.0 samples = 597 value = [0, 0, 0, 597, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
src2dst_stddev_ps <= 245.918 gini = 0.686 samples = 13 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 6 2] class = Web Attack - Sql Injection
src2dst_bytes <= 5474.5 gini = 0.653 samples = 7 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0 2] class = Web Attack - Brute Force
dst2src_min_piat_ms <= 11.0 gini = 0.5 samples = 4 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 2] 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 = 2 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 2] class = Web Attack - XSS
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 = 6 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 6 0] class = Web Attack - Sql Injection
bidirectional_stddev_ps <= 839.651 gini = 0.02 samples = 582 value = [6, 0, 576, 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 = 576 value = [0, 0, 576, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DDoS