dst2src_first_seen_ms <= 509246185.0 gini = 0.906 samples = 6087 value = [576, 570, 581, 590, 619, 587, 607, 566, 11, 31 567, 610, 148, 5, 19] class = DoS Hulk
True
False
dst2src_stddev_ps <= 878.367 gini = 0.896 samples = 5500 value = [570, 570, 0, 590, 619, 587, 607, 566, 11, 31, 567 610, 148, 5, 19] class = DoS Hulk
bidirectional_psh_packets <= 1.0 gini = 0.02 samples = 587 value = [6, 0, 581, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DDoS
dst2src_psh_packets <= 14.0 gini = 0.871 samples = 4296 value = [557, 570, 0, 31, 4, 586, 607, 566, 10, 31, 567 610, 142, 1, 14] class = SSH-Patator
dst2src_max_piat_ms <= 1870.5 gini = 0.523 samples = 1204 value = [13, 0, 0, 559, 615, 1, 0, 0, 1, 0, 0, 0, 6 4, 5] class = DoS Hulk
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 = 581 value = [0, 0, 581, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DDoS
src2dst_psh_packets <= 0.5 gini = 0.846 samples = 3596 value = [552, 570, 0, 31, 4, 586, 607, 566, 0, 31, 567 13, 63, 1, 5] class = DoS slowloris
bidirectional_duration_ms <= 26241.5 gini = 0.259 samples = 700 value = [5, 0, 0, 0, 0, 0, 0, 0, 10, 0, 0, 597, 79, 0 9] class = SSH-Patator
src2dst_fin_packets <= 0.5 gini = 0.025 samples = 623 value = [4, 0, 0, 0, 615, 0, 0, 0, 0, 0, 0, 0, 2, 1 1] class = DoS Hulk
dst2src_psh_packets <= 3.0 gini = 0.074 samples = 581 value = [9, 0, 0, 559, 0, 1, 0, 0, 1, 0, 0, 0, 4, 3 4] class = DoS GoldenEye
bidirectional_syn_packets <= 0.5 gini = 0.491 samples = 997 value = [430, 0, 0, 0, 0, 0, 0, 0, 0, 0, 567, 0, 0, 0 0] class = PortScan
dst2src_first_seen_ms <= 488598303.5 gini = 0.796 samples = 2599 value = [122, 570, 0, 31, 4, 586, 607, 566, 0, 31, 0, 13 63, 1, 5] class = DoS slowloris
gini = -0.0 samples = 597 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 597, 0, 0 0] class = SSH-Patator
bidirectional_stddev_ps <= 566.223 gini = 0.392 samples = 103 value = [5, 0, 0, 0, 0, 0, 0, 0, 10, 0, 0, 0, 79, 0 9] class = Web Attack - Brute Force
gini = 0.0 samples = 615 value = [0, 0, 0, 0, 615, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Hulk
src2dst_mean_ps <= 127.557 gini = 0.656 samples = 8 value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 1 1] class = BENIGN
bidirectional_last_seen_ms <= 362105653.5 gini = 0.021 samples = 565 value = [0, 0, 0, 559, 0, 1, 0, 0, 0, 0, 0, 0, 0, 3 2] class = DoS GoldenEye
dst2src_stddev_piat_ms <= 2273.425 gini = 0.602 samples = 16 value = [9, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 4, 0 2] class = BENIGN
src2dst_bytes <= 62.5 gini = 0.096 samples = 437 value = [415, 0, 0, 0, 0, 0, 0, 0, 0, 0, 22, 0, 0, 0 0] class = BENIGN
bidirectional_last_seen_ms <= 410528759.5 gini = 0.052 samples = 560 value = [15, 0, 0, 0, 0, 0, 0, 0, 0, 0, 545, 0, 0, 0 0] class = PortScan
src2dst_last_seen_ms <= 236969372.0 gini = 0.741 samples = 2013 value = [106, 0, 0, 31, 4, 586, 607, 566, 0, 31, 0, 13 63, 1, 5] class = DoS slowloris
src2dst_first_seen_ms <= 493863406.0 gini = 0.053 samples = 586 value = [16, 570, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = Bot
gini = 0.0 samples = 79 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 79, 0 0] class = Web Attack - Brute Force
dst2src_mean_piat_ms <= 307.818 gini = 0.642 samples = 24 value = [5, 0, 0, 0, 0, 0, 0, 0, 10, 0, 0, 0, 0, 0 9] class = Heartbleed
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 <= 399768738.0 gini = 0.625 samples = 4 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 1 1] class = Web Attack - Brute Force
src2dst_last_seen_ms <= 318791815.0 gini = 0.004 samples = 560 value = [0, 0, 0, 559, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
src2dst_first_seen_ms <= 404547496.0 gini = 0.48 samples = 5 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3 2] class = Web Attack - Sql Injection
src2dst_stddev_ps <= 205.493 gini = 0.571 samples = 7 value = [0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 4, 0 2] 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
bidirectional_first_seen_ms <= 405021996.5 gini = 0.408 samples = 77 value = [55, 0, 0, 0, 0, 0, 0, 0, 0, 0, 22, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 360 value = [360, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 14 value = [14, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
bidirectional_mean_piat_ms <= 0.667 gini = 0.004 samples = 546 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 545, 0, 0, 0 0] class = PortScan
bidirectional_stddev_ps <= 16.754 gini = 0.152 samples = 617 value = [51, 0, 0, 0, 0, 0, 0, 566, 0, 0, 0, 0, 0, 0 0] class = FTP-Patator
bidirectional_first_seen_ms <= 316775622.5 gini = 0.63 samples = 1396 value = [55, 0, 0, 31, 4, 586, 607, 0, 0, 31, 0, 13, 63 1, 5] class = DoS slowloris
bidirectional_duration_ms <= 2895.5 gini = 0.01 samples = 573 value = [3, 570, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = Bot
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 = 10 value = [0, 0, 0, 0, 0, 0, 0, 0, 10, 0, 0, 0, 0, 0 0] class = Heartbleed
dst2src_psh_packets <= 67.5 gini = 0.459 samples = 14 value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 9] class = Web Attack - XSS
gini = 0.0 samples = 2 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0 0] class = Web Attack - Brute Force
src2dst_max_ps <= 625.0 gini = 0.5 samples = 2 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1 1] class = Web Attack - Sql Injection
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 = 559 value = [0, 0, 0, 559, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
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, 0, 3 0] class = Web Attack - Sql Injection
bidirectional_last_seen_ms <= 334868649.0 gini = 0.444 samples = 3 value = [0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0 2] class = Web Attack - XSS
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 = 39 value = [39, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
bidirectional_last_seen_ms <= 426031588.5 gini = 0.488 samples = 38 value = [16, 0, 0, 0, 0, 0, 0, 0, 0, 0, 22, 0, 0, 0 0] class = PortScan
gini = -0.0 samples = 520 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 520, 0, 0, 0 0] class = PortScan
src2dst_last_seen_ms <= 502514501.5 gini = 0.074 samples = 26 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 25, 0, 0, 0 0] class = PortScan
bidirectional_min_ps <= 75.5 gini = 0.007 samples = 568 value = [2, 0, 0, 0, 0, 0, 0, 566, 0, 0, 0, 0, 0, 0 0] class = FTP-Patator
gini = 0.0 samples = 49 value = [49, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_first_seen_ms <= 284050236.5 gini = 0.077 samples = 632 value = [10, 0, 0, 0, 0, 2, 607, 0, 0, 0, 0, 13, 0, 0 0] class = DoS slowloris
bidirectional_last_seen_ms <= 318391827.5 gini = 0.402 samples = 764 value = [45, 0, 0, 31, 4, 584, 0, 0, 0, 31, 0, 0, 63 1, 5] class = DoS Slowhttptest
gini = 0.0 samples = 569 value = [0, 569, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = Bot
dst2src_first_seen_ms <= 490420222.0 gini = 0.375 samples = 4 value = [3, 1, 0, 0, 0, 0, 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 = 9 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 9] class = Web Attack - XSS
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 = 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 = 1 value = [0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0 0] class = Heartbleed
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 = 20 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 20, 0, 0, 0 0] class = PortScan
bidirectional_ack_packets <= 1.5 gini = 0.198 samples = 18 value = [16, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0 0] class = BENIGN
bidirectional_first_seen_ms <= 422844320.0 gini = 0.444 samples = 3 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 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 = 566 value = [0, 0, 0, 0, 0, 0, 0, 566, 0, 0, 0, 0, 0, 0 0] class = FTP-Patator
gini = 0.0 samples = 2 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_mean_ps <= 297.415 gini = 0.491 samples = 23 value = [10, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 13, 0, 0 0] class = SSH-Patator
bidirectional_max_ps <= 445.5 gini = 0.007 samples = 609 value = [0, 0, 0, 0, 0, 2, 607, 0, 0, 0, 0, 0, 0, 0 0] class = DoS slowloris
src2dst_min_ps <= 63.0 gini = 0.007 samples = 586 value = [2, 0, 0, 0, 0, 584, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Slowhttptest
bidirectional_min_ps <= 63.0 gini = 0.754 samples = 178 value = [43, 0, 0, 31, 4, 0, 0, 0, 0, 31, 0, 0, 63, 1 5] 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
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 = 16 value = [16, 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, 2, 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
dst2src_last_seen_ms <= 250531504.5 gini = 0.231 samples = 15 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 13, 0, 0 0] class = SSH-Patator
gini = 0.0 samples = 8 value = [8, 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, 0, 607, 0, 0, 0, 0, 0, 0, 0 0] class = DoS slowloris
gini = 0.0 samples = 2 value = [0, 0, 0, 0, 0, 2, 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 = 584 value = [0, 0, 0, 0, 0, 584, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Slowhttptest
src2dst_mean_ps <= 238.738 gini = 0.661 samples = 97 value = [38, 0, 0, 28, 0, 0, 0, 0, 0, 31, 0, 0, 0, 0 0] class = BENIGN
bidirectional_max_ps <= 1127.0 gini = 0.383 samples = 81 value = [5, 0, 0, 3, 4, 0, 0, 0, 0, 0, 0, 0, 63, 1 5] class = Web Attack - Brute Force
src2dst_stddev_ps <= 223.78 gini = 0.133 samples = 14 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 13, 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
bidirectional_min_piat_ms <= 0.5 gini = 0.139 samples = 40 value = [37, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0, 0 0] class = BENIGN
bidirectional_first_seen_ms <= 365746293.5 gini = 0.517 samples = 57 value = [1, 0, 0, 28, 0, 0, 0, 0, 0, 28, 0, 0, 0, 0 0] class = DoS GoldenEye
dst2src_last_seen_ms <= 403464425.0 gini = 0.114 samples = 67 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 63, 0 2] class = Web Attack - Brute Force
bidirectional_duration_ms <= 2799.0 gini = 0.776 samples = 14 value = [3, 0, 0, 3, 4, 0, 0, 0, 0, 0, 0, 0, 0, 1 3] class = DoS Hulk
gini = -0.0 samples = 13 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 13, 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
bidirectional_max_piat_ms <= 26212.0 gini = 0.051 samples = 38 value = [37, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 2 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0 0] class = Infiltration
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_bytes <= 270.0 gini = 0.067 samples = 29 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 28, 0, 0, 0, 0 0] class = Infiltration
gini = 0.0 samples = 63 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 63, 0 0] class = Web Attack - Brute Force
src2dst_last_seen_ms <= 404559427.0 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 = 4 value = [0, 0, 0, 0, 4, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Hulk
src2dst_last_seen_ms <= 325924739.5 gini = 0.72 samples = 10 value = [3, 0, 0, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1 3] class = BENIGN
gini = 0.0 samples = 36 value = [36, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
src2dst_mean_piat_ms <= 64.0 gini = 0.5 samples = 2 value = [1, 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 = 28 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 28, 0, 0, 0, 0 0] class = Infiltration
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 = 2 value = [2, 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
src2dst_last_seen_ms <= 372233538.5 gini = 0.612 samples = 7 value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1 3] 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 = 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 = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_first_seen_ms <= 404541548.0 gini = 0.375 samples = 4 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1 3] class = Web Attack - XSS
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 = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1 0] class = Web Attack - Sql Injection