dst2src_stddev_ps <= 878.367 gini = 0.906 samples = 6087 value = [587, 632, 557, 576, 615, 578, 599, 548, 8, 19, 608, 590, 142, 14, 14] class = Bot
True
False
src2dst_last_seen_ms <= 409517930.0 gini = 0.87 samples = 4359 value = [577, 632, 8, 29, 7, 577, 599, 548, 8, 19, 608, 590, 139, 7, 11] class = Bot
bidirectional_last_seen_ms <= 319941026.0 gini = 0.675 samples = 1728 value = [10, 0, 549, 547, 608, 1, 0, 0, 0, 0, 0, 0, 3, 7, 3] class = DoS Hulk
src2dst_max_ps <= 704.0 gini = 0.821 samples = 2921 value = [406, 0, 0, 29, 7, 577, 599, 548, 8, 0, 0, 590, 139, 7, 11] class = DoS slowloris
dst2src_stddev_ps <= 10.294 gini = 0.614 samples = 1438 value = [171, 632, 8, 0, 0, 0, 0, 0, 0, 19, 608, 0, 0, 0, 0] class = Bot
dst2src_last_seen_ms <= 317985550.5 gini = 0.019 samples = 613 value = [5, 0, 0, 0, 607, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Hulk
src2dst_stddev_ps <= 40.117 gini = 0.517 samples = 1115 value = [5, 0, 549, 547, 1, 0, 0, 0, 0, 0, 0, 0, 3, 7, 3] class = DDoS
dst2src_first_seen_ms <= 284050243.0 gini = 0.78 samples = 2292 value = [381, 0, 0, 25, 0, 577, 599, 548, 0, 0, 0, 5, 139, 7, 11] class = DoS slowloris
bidirectional_max_ps <= 1160.5 gini = 0.133 samples = 629 value = [25, 0, 0, 4, 7, 0, 0, 0, 8, 0, 0, 585, 0, 0, 0] class = SSH-Patator
src2dst_syn_packets <= 0.5 gini = 0.343 samples = 769 value = [135, 0, 8, 0, 0, 0, 0, 0, 0, 18, 608, 0, 0, 0, 0] class = PortScan
dst2src_mean_ps <= 114.6 gini = 0.105 samples = 669 value = [36, 632, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0] class = Bot
bidirectional_first_seen_ms <= 316905743.0 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 = 607 value = [0, 0, 0, 0, 607, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Hulk
gini = 0.0 samples = 549 value = [0, 0, 549, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DDoS
dst2src_last_seen_ms <= 325600093.0 gini = 0.066 samples = 566 value = [5, 0, 0, 547, 1, 0, 0, 0, 0, 0, 0, 0, 3, 7, 3] class = DoS GoldenEye
bidirectional_psh_packets <= 0.5 gini = 0.447 samples = 820 value = [267, 0, 0, 0, 0, 0, 0, 548, 0, 0, 0, 5, 0, 0, 0] class = FTP-Patator
dst2src_first_seen_ms <= 316576517.0 gini = 0.665 samples = 1472 value = [114, 0, 0, 25, 0, 577, 599, 0, 0, 0, 0, 0, 139, 7, 11] class = DoS slowloris
bidirectional_stddev_piat_ms <= 2569.568 gini = 0.003 samples = 584 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 583, 0, 0, 0] class = SSH-Patator
bidirectional_stddev_ps <= 1155.172 gini = 0.65 samples = 45 value = [24, 0, 0, 4, 7, 0, 0, 0, 8, 0, 0, 2, 0, 0, 0] class = BENIGN
src2dst_psh_packets <= 5.5 gini = 0.405 samples = 180 value = [135, 0, 0, 0, 0, 0, 0, 0, 0, 18, 27, 0, 0, 0, 0] class = BENIGN
bidirectional_stddev_ps <= 990.156 gini = 0.027 samples = 589 value = [0, 0, 8, 0, 0, 0, 0, 0, 0, 0, 581, 0, 0, 0, 0] class = PortScan
bidirectional_psh_packets <= 3.5 gini = 0.019 samples = 638 value = [5, 632, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0] class = Bot
gini = 0.0 samples = 31 value = [31, 0, 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 = 1 value = [0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Slowhttptest
src2dst_ack_packets <= 2.5 gini = 0.004 samples = 548 value = [0, 0, 0, 547, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS GoldenEye
src2dst_packets <= 5.5 gini = 0.716 samples = 18 value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 7, 3] class = Web Attack - Sql Injection
gini = -0.0 samples = 225 value = [225, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
bidirectional_stddev_ps <= 16.754 gini = 0.147 samples = 595 value = [42, 0, 0, 0, 0, 0, 0, 548, 0, 0, 0, 5, 0, 0, 0] class = FTP-Patator
bidirectional_psh_packets <= 0.5 gini = 0.045 samples = 609 value = [14, 0, 0, 0, 0, 0, 595, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS slowloris
bidirectional_first_seen_ms <= 318333813.5 gini = 0.513 samples = 863 value = [100, 0, 0, 25, 0, 577, 4, 0, 0, 0, 0, 0, 139, 7, 11] class = DoS Slowhttptest
gini = 0.0 samples = 583 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 583, 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
src2dst_psh_packets <= 8.5 gini = 0.203 samples = 27 value = [24, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0] class = BENIGN
dst2src_max_ps <= 272.5 gini = 0.623 samples = 18 value = [0, 0, 0, 3, 7, 0, 0, 0, 8, 0, 0, 0, 0, 0, 0] class = Heartbleed
src2dst_bytes <= 63.0 gini = 0.287 samples = 163 value = [135, 0, 0, 0, 0, 0, 0, 0, 0, 1, 27, 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 = 581 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 581, 0, 0, 0, 0] class = PortScan
gini = 0.0 samples = 8 value = [0, 0, 8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DDoS
gini = 0.0 samples = 632 value = [0, 632, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = Bot
src2dst_packets <= 20.5 gini = 0.278 samples = 6 value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0] class = BENIGN
gini = 0.0 samples = 1 value = [0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Hulk
gini = 0.0 samples = 547 value = [0, 0, 0, 547, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS GoldenEye
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
bidirectional_max_piat_ms <= 5259.5 gini = 0.645 samples = 11 value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 3] class = BENIGN
dst2src_last_seen_ms <= 239417880.5 gini = 0.004 samples = 549 value = [0, 0, 0, 0, 0, 0, 0, 548, 0, 0, 0, 1, 0, 0, 0] class = FTP-Patator
src2dst_packets <= 1.5 gini = 0.159 samples = 46 value = [42, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 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
gini = 0.0 samples = 595 value = [0, 0, 0, 0, 0, 0, 595, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS slowloris
dst2src_mean_ps <= 77.615 gini = 0.04 samples = 589 value = [8, 0, 0, 0, 0, 577, 4, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Slowhttptest
src2dst_stddev_ps <= 174.512 gini = 0.619 samples = 274 value = [92, 0, 0, 25, 0, 0, 0, 0, 0, 0, 0, 0, 139, 7, 11] class = Web Attack - Brute Force
gini = 0.0 samples = 24 value = [24, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
dst2src_max_piat_ms <= 1656.0 gini = 0.444 samples = 3 value = [0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0] class = SSH-Patator
gini = 0.0 samples = 8 value = [0, 0, 0, 0, 0, 0, 0, 0, 8, 0, 0, 0, 0, 0, 0] class = Heartbleed
src2dst_max_piat_ms <= 2713.5 gini = 0.42 samples = 10 value = [0, 0, 0, 3, 7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Hulk
bidirectional_last_seen_ms <= 426362018.5 gini = 0.438 samples = 37 value = [12, 0, 0, 0, 0, 0, 0, 0, 0, 0, 25, 0, 0, 0, 0] class = PortScan
src2dst_min_piat_ms <= 2111.5 gini = 0.047 samples = 126 value = [123, 0, 0, 0, 0, 0, 0, 0, 0, 1, 2, 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, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0] class = Infiltration
src2dst_stddev_ps <= 208.874 gini = 0.5 samples = 6 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 3] class = Web Attack - Brute Force
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 = 548 value = [0, 0, 0, 0, 0, 0, 0, 548, 0, 0, 0, 0, 0, 0, 0] class = FTP-Patator
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 = 4 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0] class = SSH-Patator
gini = 0.0 samples = 42 value = [42, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
bidirectional_last_seen_ms <= 316788612.5 gini = 0.02 samples = 583 value = [2, 0, 0, 0, 0, 577, 4, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Slowhttptest
gini = 0.0 samples = 6 value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
src2dst_mean_ps <= 355.0 gini = 0.36 samples = 118 value = [91, 0, 0, 25, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0] class = BENIGN
bidirectional_last_seen_ms <= 402893915.5 gini = 0.222 samples = 156 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 137, 7, 11] class = Web Attack - Brute Force
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 = 1 value = [0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 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 = 3 value = [0, 0, 0, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS GoldenEye
gini = 0.0 samples = 24 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 24, 0, 0, 0, 0] class = PortScan
dst2src_first_seen_ms <= 213903616.5 gini = 0.142 samples = 13 value = [12, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0] class = BENIGN
bidirectional_max_ps <= 1499.0 gini = 0.031 samples = 125 value = [123, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 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
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 = 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 = 4 value = [0, 0, 0, 0, 0, 0, 4, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS slowloris
bidirectional_stddev_ps <= 1.732 gini = 0.007 samples = 579 value = [2, 0, 0, 0, 0, 577, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Slowhttptest
bidirectional_stddev_ps <= 620.258 gini = 0.082 samples = 95 value = [91, 0, 0, 2, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0] class = BENIGN
gini = 0.0 samples = 23 value = [0, 0, 0, 23, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS GoldenEye
dst2src_min_ps <= 63.0 gini = 0.014 samples = 137 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 136, 0, 0] class = Web Attack - Brute Force
dst2src_mean_piat_ms <= 1171.095 gini = 0.526 samples = 19 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 7, 11] class = Web Attack - XSS
gini = 0.0 samples = 12 value = [12, 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
bidirectional_bytes <= 85.0 gini = 0.017 samples = 119 value = [118, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0] class = BENIGN
bidirectional_first_seen_ms <= 463721213.0 gini = 0.278 samples = 6 value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 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 = 577 value = [0, 0, 0, 0, 0, 577, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Slowhttptest
dst2src_min_piat_ms <= 0.5 gini = 0.042 samples = 93 value = [91, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0] class = BENIGN
gini = 0.0 samples = 2 value = [0, 0, 0, 2, 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 = 136 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 136, 0, 0] class = Web Attack - Brute Force
src2dst_max_ps <= 659.5 gini = 0.153 samples = 12 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 11] 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 <= 497688353.0 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 = 105 value = [105, 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 = 5 value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
gini = -0.0 samples = 88 value = [88, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
bidirectional_last_seen_ms <= 399423924.0 gini = 0.48 samples = 5 value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 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
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 = 9 value = [9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
src2dst_first_seen_ms <= 507377489.0 gini = 0.32 samples = 5 value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 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 = 2 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0] class = Web Attack - Brute Force
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 = 4 value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN