dst2src_first_seen_ms <= 509246185.0 gini = 0.905 samples = 6087 value = [534, 621, 598, 631, 580, 548, 625, 615, 6, 29, 577 582, 107, 10, 24] class = DoS GoldenEye
True
False
dst2src_stddev_ps <= 882.156 gini = 0.895 samples = 5484 value = [529, 621, 0, 631, 580, 548, 625, 615, 6, 29, 577 582, 107, 10, 24] class = DoS GoldenEye
dst2src_psh_packets <= 14.5 gini = 0.868 samples = 4265 value = [512, 621, 0, 24, 1, 546, 625, 615, 6, 29, 577 582, 104, 5, 18] class = DoS slowloris
src2dst_last_seen_ms <= 409156875.5 gini = 0.844 samples = 3628 value = [511, 621, 0, 24, 1, 546, 625, 615, 0, 29, 577 11, 54, 5, 9] class = DoS slowloris
bidirectional_last_seen_ms <= 235069385.0 gini = 0.763 samples = 2256 value = [366, 0, 0, 24, 1, 546, 625, 615, 0, 0, 0, 11 54, 5, 9] class = DoS slowloris
bidirectional_mean_ps <= 82.229 gini = 0.301 samples = 754 value = [139, 0, 0, 0, 0, 0, 0, 615, 0, 0, 0, 0, 0, 0 0] class = FTP-Patator
src2dst_mean_ps <= 72.75 gini = 0.107 samples = 652 value = [37, 0, 0, 0, 0, 0, 0, 615, 0, 0, 0, 0, 0, 0 0] class = FTP-Patator
gini = -0.0 samples = 33 value = [33, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
bidirectional_stddev_ps <= 16.309 gini = 0.013 samples = 619 value = [4, 0, 0, 0, 0, 0, 0, 615, 0, 0, 0, 0, 0, 0 0] class = FTP-Patator
gini = 0.0 samples = 615 value = [0, 0, 0, 0, 0, 0, 0, 615, 0, 0, 0, 0, 0, 0 0] class = FTP-Patator
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 = 102 value = [102, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
src2dst_first_seen_ms <= 316952070.5 gini = 0.67 samples = 1502 value = [227, 0, 0, 24, 1, 546, 625, 0, 0, 0, 0, 11, 54 5, 9] class = DoS slowloris
src2dst_first_seen_ms <= 284050199.5 gini = 0.209 samples = 707 value = [68, 0, 0, 0, 0, 3, 625, 0, 0, 0, 0, 11, 0, 0 0] class = DoS slowloris
src2dst_psh_packets <= 0.5 gini = 0.38 samples = 87 value = [67, 0, 0, 0, 0, 0, 9, 0, 0, 0, 0, 11, 0, 0 0] class = BENIGN
gini = -0.0 samples = 59 value = [59, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_first_seen_ms <= 284050239.0 gini = 0.661 samples = 28 value = [8, 0, 0, 0, 0, 0, 9, 0, 0, 0, 0, 11, 0, 0 0] class = SSH-Patator
bidirectional_mean_piat_ms <= 318.56 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_mean_ps <= 300.286 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 = 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 = 7 value = [7, 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, 9, 0, 0, 0, 0, 0, 0, 0 0] class = DoS slowloris
src2dst_max_ps <= 445.5 gini = 0.013 samples = 620 value = [1, 0, 0, 0, 0, 3, 616, 0, 0, 0, 0, 0, 0, 0 0] class = DoS slowloris
gini = -0.0 samples = 616 value = [0, 0, 0, 0, 0, 0, 616, 0, 0, 0, 0, 0, 0, 0 0] class = DoS slowloris
src2dst_last_seen_ms <= 316610228.0 gini = 0.375 samples = 4 value = [1, 0, 0, 0, 0, 3, 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
gini = 0.0 samples = 3 value = [0, 0, 0, 0, 0, 3, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Slowhttptest
src2dst_last_seen_ms <= 318376050.0 gini = 0.488 samples = 795 value = [159, 0, 0, 24, 1, 543, 0, 0, 0, 0, 0, 0, 54 5, 9] class = DoS Slowhttptest
src2dst_psh_packets <= 0.5 gini = 0.032 samples = 552 value = [9, 0, 0, 0, 0, 543, 0, 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
dst2src_packets <= 0.5 gini = 0.011 samples = 546 value = [3, 0, 0, 0, 0, 543, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Slowhttptest
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 = 543 value = [0, 0, 0, 0, 0, 543, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Slowhttptest
src2dst_mean_ps <= 151.175 gini = 0.558 samples = 243 value = [150, 0, 0, 24, 1, 0, 0, 0, 0, 0, 0, 0, 54, 5 9] class = BENIGN
dst2src_fin_packets <= 0.5 gini = 0.014 samples = 145 value = [144, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 141 value = [141, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_first_seen_ms <= 320419993.0 gini = 0.375 samples = 4 value = [3, 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 = 3 value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
bidirectional_duration_ms <= 5180.0 gini = 0.626 samples = 98 value = [6, 0, 0, 23, 1, 0, 0, 0, 0, 0, 0, 0, 54, 5 9] class = Web Attack - Brute Force
src2dst_mean_ps <= 365.5 gini = 0.639 samples = 42 value = [4, 0, 0, 23, 1, 0, 0, 0, 0, 0, 0, 0, 1, 5 8] class = DoS GoldenEye
dst2src_max_piat_ms <= 5001.5 gini = 0.673 samples = 18 value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 5 8] class = Web Attack - XSS
dst2src_last_seen_ms <= 369927468.0 gini = 0.444 samples = 12 value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 8] class = Web Attack - XSS
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 = 8 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 8] class = Web Attack - XSS
bidirectional_first_seen_ms <= 402375178.0 gini = 0.278 samples = 6 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 5 0] class = Web Attack - Sql Injection
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 = 5 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 5 0] class = Web Attack - Sql Injection
src2dst_stddev_ps <= 3087.244 gini = 0.08 samples = 24 value = [0, 0, 0, 23, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
gini = 0.0 samples = 23 value = [0, 0, 0, 23, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
gini = 0.0 samples = 1 value = [0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Hulk
dst2src_max_ps <= 1308.0 gini = 0.103 samples = 56 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 53, 0 1] class = Web Attack - Brute Force
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_last_seen_ms <= 341075513.0 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
src2dst_fin_packets <= 0.5 gini = 0.607 samples = 1372 value = [145, 621, 0, 0, 0, 0, 0, 0, 0, 29, 577, 0, 0 0, 0] class = Bot
bidirectional_bytes <= 147.0 gini = 0.339 samples = 726 value = [120, 0, 0, 0, 0, 0, 0, 0, 0, 29, 577, 0, 0 0, 0] class = PortScan
src2dst_syn_packets <= 0.5 gini = 0.098 samples = 603 value = [31, 0, 0, 0, 0, 0, 0, 0, 0, 0, 572, 0, 0, 0 0] class = PortScan
bidirectional_last_seen_ms <= 423419746.0 gini = 0.486 samples = 53 value = [31, 0, 0, 0, 0, 0, 0, 0, 0, 0, 22, 0, 0, 0 0] class = BENIGN
src2dst_bytes <= 63.0 gini = 0.172 samples = 21 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 19, 0, 0, 0 0] class = PortScan
gini = 0.0 samples = 19 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 19, 0, 0, 0 0] class = PortScan
gini = 0.0 samples = 2 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
bidirectional_first_seen_ms <= 502727500.5 gini = 0.17 samples = 32 value = [29, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0 0] class = BENIGN
bidirectional_last_seen_ms <= 426235602.5 gini = 0.08 samples = 24 value = [23, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0 0] class = BENIGN
bidirectional_mean_ps <= 63.0 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 = 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
gini = 0.0 samples = 19 value = [19, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
src2dst_first_seen_ms <= 507568680.5 gini = 0.375 samples = 8 value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 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 = 6 value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 550 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 550, 0, 0, 0 0] class = PortScan
src2dst_psh_packets <= 7.0 gini = 0.419 samples = 123 value = [89, 0, 0, 0, 0, 0, 0, 0, 0, 29, 5, 0, 0, 0 0] class = BENIGN
dst2src_stddev_piat_ms <= 12125.583 gini = 0.178 samples = 94 value = [85, 0, 0, 0, 0, 0, 0, 0, 0, 4, 5, 0, 0, 0 0] class = BENIGN
src2dst_min_piat_ms <= 2035.5 gini = 0.124 samples = 91 value = [85, 0, 0, 0, 0, 0, 0, 0, 0, 1, 5, 0, 0, 0 0] class = BENIGN
dst2src_ack_packets <= 0.5 gini = 0.105 samples = 90 value = [85, 0, 0, 0, 0, 0, 0, 0, 0, 0, 5, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 64 value = [64, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
src2dst_psh_packets <= 0.5 gini = 0.311 samples = 26 value = [21, 0, 0, 0, 0, 0, 0, 0, 0, 0, 5, 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
gini = 0.0 samples = 21 value = [21, 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
gini = 0.0 samples = 3 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0, 0 0] class = Infiltration
bidirectional_mean_piat_ms <= 3405.05 gini = 0.238 samples = 29 value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 25, 0, 0, 0, 0 0] class = Infiltration
gini = -0.0 samples = 25 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 25, 0, 0, 0, 0 0] class = Infiltration
gini = 0.0 samples = 4 value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_last_seen_ms <= 488820955.0 gini = 0.074 samples = 646 value = [25, 621, 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
bidirectional_duration_ms <= 1129.5 gini = 0.028 samples = 630 value = [9, 621, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = Bot
gini = -0.0 samples = 621 value = [0, 621, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = Bot
gini = 0.0 samples = 9 value = [9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_first_seen_ms <= 291731906.0 gini = 0.19 samples = 637 value = [1, 0, 0, 0, 0, 0, 0, 0, 6, 0, 0, 571, 50, 0 9] class = SSH-Patator
gini = -0.0 samples = 571 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 571, 0, 0 0] class = SSH-Patator
src2dst_duration_ms <= 47708.5 gini = 0.399 samples = 66 value = [1, 0, 0, 0, 0, 0, 0, 0, 6, 0, 0, 0, 50, 0 9] class = Web Attack - Brute Force
gini = -0.0 samples = 50 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 50, 0 0] class = Web Attack - Brute Force
bidirectional_duration_ms <= 93681.0 gini = 0.539 samples = 16 value = [1, 0, 0, 0, 0, 0, 0, 0, 6, 0, 0, 0, 0, 0 9] class = Web Attack - XSS
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
bidirectional_bytes <= 4131915.5 gini = 0.245 samples = 7 value = [1, 0, 0, 0, 0, 0, 0, 0, 6, 0, 0, 0, 0, 0 0] class = Heartbleed
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 = 6 value = [0, 0, 0, 0, 0, 0, 0, 0, 6, 0, 0, 0, 0, 0 0] class = Heartbleed
dst2src_duration_ms <= 3408.0 gini = 0.526 samples = 1219 value = [17, 0, 0, 607, 579, 2, 0, 0, 0, 0, 0, 0, 3 5, 6] class = DoS GoldenEye
bidirectional_mean_ps <= 999.457 gini = 0.024 samples = 586 value = [5, 0, 0, 0, 579, 0, 0, 0, 0, 0, 0, 0, 0, 1 1] class = DoS Hulk
bidirectional_duration_ms <= 2566.5 gini = 0.449 samples = 7 value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1 1] 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
src2dst_stddev_piat_ms <= 656.243 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, 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 = 579 value = [0, 0, 0, 0, 579, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Hulk
dst2src_psh_packets <= 3.0 gini = 0.08 samples = 633 value = [12, 0, 0, 607, 0, 2, 0, 0, 0, 0, 0, 0, 3, 4 5] class = DoS GoldenEye
bidirectional_first_seen_ms <= 362096762.5 gini = 0.032 samples = 617 value = [0, 0, 0, 607, 0, 2, 0, 0, 0, 0, 0, 0, 0, 4 4] class = DoS GoldenEye
bidirectional_first_seen_ms <= 318780662.0 gini = 0.007 samples = 609 value = [0, 0, 0, 607, 0, 2, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
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 = 607 value = [0, 0, 0, 607, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
dst2src_max_ps <= 3018.0 gini = 0.5 samples = 8 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4 4] class = Web Attack - Sql Injection
gini = 0.0 samples = 4 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4 0] class = Web Attack - Sql Injection
gini = 0.0 samples = 4 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 4] class = Web Attack - XSS
bidirectional_stddev_piat_ms <= 1413.445 gini = 0.398 samples = 16 value = [12, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0 1] class = BENIGN
src2dst_last_seen_ms <= 399985495.0 gini = 0.375 samples = 4 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0 1] class = Web Attack - Brute Force
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 = 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 = 12 value = [12, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_min_ps <= 63.0 gini = 0.016 samples = 603 value = [5, 0, 598, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DDoS
gini = -0.0 samples = 598 value = [0, 0, 598, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DDoS
gini = 0.0 samples = 5 value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN