bidirectional_bytes <= 136.0 gini = 0.905 samples = 6086 value = [593, 556, 576, 607, 586, 610, 608, 604, 9, 24, 592 570, 125, 2, 24] class = DoS Slowhttptest
True
False
protocol <= 11.5 gini = 0.003 samples = 588 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 587, 0, 0, 0 0] class = PortScan
dst2src_rst_packets <= 1.5 gini = 0.896 samples = 5498 value = [592, 556, 576, 607, 586, 610, 608, 604, 9, 24, 5 570, 125, 2, 24] class = DoS Slowhttptest
gini = -0.0 samples = 587 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 587, 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_first_seen_ms <= 509907913.0 gini = 0.884 samples = 4892 value = [588, 556, 576, 607, 582, 610, 608, 7, 9, 24, 5 569, 125, 2, 24] class = DoS Slowhttptest
src2dst_mean_piat_ms <= 645.25 gini = 0.029 samples = 606 value = [4, 0, 0, 0, 4, 0, 0, 597, 0, 0, 0, 1, 0, 0 0] class = FTP-Patator
dst2src_stddev_ps <= 1207.345 gini = 0.869 samples = 4308 value = [574, 556, 6, 607, 582, 610, 608, 7, 9, 24, 5 569, 125, 2, 24] class = DoS Slowhttptest
bidirectional_stddev_ps <= 718.617 gini = 0.047 samples = 584 value = [14, 0, 570, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DDoS
bidirectional_bytes <= 6929.5 gini = 0.593 samples = 9 value = [4, 0, 0, 0, 4, 0, 0, 0, 0, 0, 0, 1, 0, 0 0] class = BENIGN
gini = 0.0 samples = 597 value = [0, 0, 0, 0, 0, 0, 0, 597, 0, 0, 0, 0, 0, 0 0] class = FTP-Patator
dst2src_psh_packets <= 12.0 gini = 0.829 samples = 3171 value = [571, 556, 0, 71, 2, 607, 607, 7, 9, 24, 4, 569 121, 2, 21] class = DoS Slowhttptest
dst2src_first_seen_ms <= 319930506.0 gini = 0.517 samples = 1137 value = [3, 0, 6, 536, 580, 3, 1, 0, 0, 0, 1, 0, 4, 0 3] class = DoS Hulk
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 = 570 value = [0, 0, 570, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DDoS
dst2src_duration_ms <= 77.0 gini = 0.32 samples = 5 value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0 0] 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 <= 458023720.5 gini = 0.784 samples = 2517 value = [562, 556, 0, 71, 2, 607, 607, 7, 0, 24, 4, 12 61, 2, 2] class = DoS Slowhttptest
dst2src_bytes <= 11116.5 gini = 0.265 samples = 654 value = [9, 0, 0, 0, 0, 0, 0, 0, 9, 0, 0, 557, 60, 0 19] class = SSH-Patator
bidirectional_last_seen_ms <= 318375387.5 gini = 0.027 samples = 588 value = [3, 0, 0, 1, 580, 3, 1, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Hulk
src2dst_last_seen_ms <= 360294264.5 gini = 0.05 samples = 549 value = [0, 0, 6, 535, 0, 0, 0, 0, 0, 0, 1, 0, 4, 0 3] class = DoS GoldenEye
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 = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_first_seen_ms <= 316935993.5 gini = 0.722 samples = 1866 value = [470, 1, 0, 71, 2, 607, 607, 7, 0, 24, 0, 12 61, 2, 2] class = DoS Slowhttptest
dst2src_mean_ps <= 95.5 gini = 0.253 samples = 651 value = [92, 555, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0 0] class = Bot
gini = -0.0 samples = 557 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 557, 0, 0 0] class = SSH-Patator
dst2src_duration_ms <= 51129.5 gini = 0.562 samples = 97 value = [9, 0, 0, 0, 0, 0, 0, 0, 9, 0, 0, 0, 60, 0 19] class = Web Attack - Brute Force
dst2src_mean_piat_ms <= 525.829 gini = 0.612 samples = 7 value = [3, 0, 0, 0, 0, 3, 1, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
src2dst_max_ps <= 544.5 gini = 0.003 samples = 581 value = [0, 0, 0, 1, 580, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Hulk
gini = -0.0 samples = 535 value = [0, 0, 0, 535, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
src2dst_mean_piat_ms <= 819.807 gini = 0.684 samples = 14 value = [0, 0, 6, 0, 0, 0, 0, 0, 0, 0, 1, 0, 4, 0 3] class = DDoS
src2dst_first_seen_ms <= 284460423.5 gini = 0.441 samples = 880 value = [254, 0, 0, 0, 0, 0, 607, 7, 0, 0, 0, 12, 0 0, 0] class = DoS slowloris
bidirectional_last_seen_ms <= 318410581.0 gini = 0.564 samples = 986 value = [216, 1, 0, 71, 2, 607, 0, 0, 0, 24, 0, 0, 61 2, 2] class = DoS Slowhttptest
bidirectional_bytes <= 699.0 gini = 0.055 samples = 571 value = [12, 555, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0 0] class = Bot
gini = 0.0 samples = 80 value = [80, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_first_seen_ms <= 274394250.0 gini = 0.062 samples = 62 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 60, 0 0] class = Web Attack - Brute Force
src2dst_first_seen_ms <= 402343161.0 gini = 0.599 samples = 35 value = [7, 0, 0, 0, 0, 0, 0, 0, 9, 0, 0, 0, 0, 0 19] class = Web Attack - XSS
gini = 0.0 samples = 3 value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
src2dst_last_seen_ms <= 316653281.0 gini = 0.375 samples = 4 value = [0, 0, 0, 0, 0, 3, 1, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Slowhttptest
gini = -0.0 samples = 580 value = [0, 0, 0, 0, 580, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Hulk
gini = 0.0 samples = 1 value = [0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
dst2src_stddev_ps <= 1882.334 gini = 0.594 samples = 8 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 4, 0 3] class = Web Attack - Brute Force
gini = 0.0 samples = 6 value = [0, 0, 6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DDoS
bidirectional_psh_packets <= 10.5 gini = 0.137 samples = 262 value = [243, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0, 12, 0, 0 0] class = BENIGN
src2dst_psh_packets <= 0.5 gini = 0.035 samples = 618 value = [11, 0, 0, 0, 0, 0, 607, 0, 0, 0, 0, 0, 0, 0 0] class = DoS slowloris
src2dst_psh_packets <= 0.5 gini = 0.013 samples = 611 value = [4, 0, 0, 0, 0, 607, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Slowhttptest
src2dst_mean_ps <= 118.214 gini = 0.619 samples = 375 value = [212, 1, 0, 71, 2, 0, 0, 0, 0, 24, 0, 0, 61 2, 2] class = BENIGN
src2dst_last_seen_ms <= 505645772.5 gini = 0.391 samples = 15 value = [11, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0 0] class = BENIGN
dst2src_duration_ms <= 88344.0 gini = 0.004 samples = 556 value = [1, 555, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = Bot
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 = 60 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 60, 0 0] class = Web Attack - Brute Force
bidirectional_packets <= 2640.5 gini = 0.48 samples = 15 value = [6, 0, 0, 0, 0, 0, 0, 0, 9, 0, 0, 0, 0, 0 0] class = Heartbleed
src2dst_mean_ps <= 313.404 gini = 0.095 samples = 20 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 19] class = Web Attack - XSS
gini = 0.0 samples = 1 value = [0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0 0] class = DoS slowloris
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
src2dst_first_seen_ms <= 403370566.0 gini = 0.375 samples = 4 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0 3] class = Web Attack - XSS
bidirectional_mean_ps <= 80.472 gini = 0.025 samples = 241 value = [238, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 1, 0, 0 0] class = BENIGN
dst2src_last_seen_ms <= 237617135.0 gini = 0.612 samples = 21 value = [5, 0, 0, 0, 0, 0, 0, 5, 0, 0, 0, 11, 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
dst2src_packets <= 5.5 gini = 0.01 samples = 610 value = [3, 0, 0, 0, 0, 0, 607, 0, 0, 0, 0, 0, 0, 0 0] class = DoS slowloris
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 = 607 value = [0, 0, 0, 0, 0, 607, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Slowhttptest
dst2src_stddev_ps <= 980.795 gini = 0.046 samples = 171 value = [167, 1, 0, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_last_seen_ms <= 323924141.5 gini = 0.752 samples = 204 value = [45, 0, 0, 68, 2, 0, 0, 0, 0, 24, 0, 0, 61, 2 2] class = DoS GoldenEye
bidirectional_syn_packets <= 1.0 gini = 0.26 samples = 13 value = [11, 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 = 555 value = [0, 555, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = Bot
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 = [6, 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, 9, 0, 0, 0, 0, 0 0] class = Heartbleed
gini = 0.0 samples = 19 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 19] 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 = 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, 1, 0, 0, 0 0] class = PortScan
src2dst_min_ps <= 63.0 gini = 0.531 samples = 8 value = [5, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 1, 0, 0 0] class = BENIGN
gini = 0.0 samples = 233 value = [233, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_max_ps <= 789.0 gini = 0.5 samples = 10 value = [5, 0, 0, 0, 0, 0, 0, 5, 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, 11, 0, 0 0] class = SSH-Patator
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 = 3 value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_stddev_piat_ms <= 4530.911 gini = 0.012 samples = 163 value = [162, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_packets <= 7.0 gini = 0.469 samples = 8 value = [5, 0, 0, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
src2dst_fin_packets <= 0.5 gini = 0.152 samples = 74 value = [4, 0, 0, 68, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
src2dst_packets <= 5.5 gini = 0.684 samples = 130 value = [41, 0, 0, 0, 0, 0, 0, 0, 0, 24, 0, 0, 61, 2 2] class = Web Attack - Brute Force
gini = 0.0 samples = 8 value = [8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_first_seen_ms <= 503182586.0 gini = 0.48 samples = 5 value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 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
dst2src_mean_piat_ms <= 2.0 gini = 0.444 samples = 3 value = [0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 1, 0, 0 0] class = FTP-Patator
gini = -0.0 samples = 5 value = [0, 0, 0, 0, 0, 0, 0, 5, 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
gini = 0.0 samples = 156 value = [156, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
bidirectional_duration_ms <= 62441.5 gini = 0.245 samples = 7 value = [6, 1, 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
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 = 68 value = [0, 0, 0, 68, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
src2dst_last_seen_ms <= 319905117.5 gini = 0.444 samples = 6 value = [4, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
src2dst_first_seen_ms <= 402779346.0 gini = 0.196 samples = 57 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 51, 2 2] class = Web Attack - Brute Force
dst2src_mean_ps <= 78.75 gini = 0.594 samples = 73 value = [40, 0, 0, 0, 0, 0, 0, 0, 0, 23, 0, 0, 10, 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 = 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, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0 0] class = SSH-Patator
gini = 0.0 samples = 2 value = [0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0 0] class = FTP-Patator
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 = 6 value = [6, 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, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Hulk
gini = 0.0 samples = 4 value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
bidirectional_bytes <= 892.5 gini = 0.038 samples = 52 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 51, 0 0] class = Web Attack - Brute Force
dst2src_first_seen_ms <= 403390695.0 gini = 0.64 samples = 5 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 2 2] class = Web Attack - Sql Injection
gini = 0.0 samples = 23 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 23, 0, 0, 0, 0 0] class = Infiltration
bidirectional_ack_packets <= 15.5 gini = 0.346 samples = 50 value = [40, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 10, 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 = 51 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 51, 0 0] class = Web Attack - Brute Force
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
bidirectional_duration_ms <= 1.0 gini = 0.444 samples = 3 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 2 0] class = Web Attack - Sql Injection
dst2src_stddev_piat_ms <= 1244.774 gini = 0.735 samples = 14 value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 10, 0 0] class = Web Attack - Brute Force
gini = 0.0 samples = 36 value = [36, 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 = 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 = 4 value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.64 samples = 10 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 10, 0 0] class = Web Attack - Brute Force