dst2src_stddev_ps <= 882.156 gini = 0.905 samples = 6087 value = [611, 589, 563, 585, 609, 580, 605, 567, 9, 23, 615 583, 115, 9, 24] class = PortScan
True
False
src2dst_psh_packets <= 0.5 gini = 0.87 samples = 4345 value = [601, 589, 9, 24, 3, 578, 605, 567, 8, 23, 615 583, 113, 5, 22] class = PortScan
bidirectional_last_seen_ms <= 319941026.0 gini = 0.674 samples = 1742 value = [10, 0, 554, 561, 606, 2, 0, 0, 1, 0, 0, 0, 2 4, 2] class = DoS Hulk
bidirectional_syn_packets <= 0.5 gini = 0.489 samples = 1071 value = [456, 0, 0, 0, 0, 0, 0, 0, 0, 0, 615, 0, 0, 0 0] class = PortScan
src2dst_last_seen_ms <= 457999117.5 gini = 0.837 samples = 3274 value = [145, 589, 9, 24, 3, 578, 605, 567, 8, 23, 0, 583 113, 5, 22] class = DoS slowloris
bidirectional_stddev_ps <= 1256.29 gini = 0.032 samples = 616 value = [8, 0, 0, 0, 606, 2, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Hulk
dst2src_last_seen_ms <= 325600093.0 gini = 0.51 samples = 1126 value = [2, 0, 554, 561, 0, 0, 0, 0, 1, 0, 0, 0, 2, 4 2] class = DoS GoldenEye
src2dst_bytes <= 62.5 gini = 0.107 samples = 475 value = [448, 0, 0, 0, 0, 0, 0, 0, 0, 0, 27, 0, 0, 0 0] class = BENIGN
src2dst_duration_ms <= 2581.0 gini = 0.026 samples = 596 value = [8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 588, 0, 0, 0 0] class = PortScan
bidirectional_last_seen_ms <= 281820105.5 gini = 0.803 samples = 2657 value = [126, 0, 0, 24, 3, 578, 605, 567, 8, 23, 0, 583 113, 5, 22] class = DoS slowloris
src2dst_first_seen_ms <= 494961437.5 gini = 0.088 samples = 617 value = [19, 589, 9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = Bot
bidirectional_first_seen_ms <= 316905743.0 gini = 0.32 samples = 10 value = [8, 0, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 606 value = [0, 0, 0, 0, 606, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Hulk
gini = 0.0 samples = 561 value = [0, 0, 0, 561, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
dst2src_last_seen_ms <= 464517103.0 gini = 0.038 samples = 565 value = [2, 0, 554, 0, 0, 0, 0, 0, 1, 0, 0, 0, 2, 4 2] class = DDoS
src2dst_last_seen_ms <= 409435033.0 gini = 0.492 samples = 57 value = [32, 0, 0, 0, 0, 0, 0, 0, 0, 0, 25, 0, 0, 0 0] class = BENIGN
dst2src_ack_packets <= 0.5 gini = 0.01 samples = 418 value = [416, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 588 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 588, 0, 0, 0 0] class = PortScan
gini = 0.0 samples = 8 value = [8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
bidirectional_stddev_ps <= 16.754 gini = 0.546 samples = 1211 value = [61, 0, 0, 0, 0, 0, 0, 567, 0, 0, 0, 583, 0 0, 0] class = SSH-Patator
bidirectional_first_seen_ms <= 316769905.0 gini = 0.656 samples = 1446 value = [65, 0, 0, 24, 3, 578, 605, 0, 8, 23, 0, 0, 113 5, 22] class = DoS slowloris
bidirectional_bytes <= 506.5 gini = 0.003 samples = 590 value = [1, 589, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = Bot
bidirectional_max_ps <= 4422.0 gini = 0.444 samples = 27 value = [18, 0, 9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
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 = 2 value = [0, 0, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Slowhttptest
src2dst_psh_packets <= 2.0 gini = 0.76 samples = 11 value = [2, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 2, 4 2] class = Web Attack - Sql Injection
gini = 0.0 samples = 554 value = [0, 0, 554, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DDoS
gini = -0.0 samples = 25 value = [25, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
bidirectional_last_seen_ms <= 426362018.5 gini = 0.342 samples = 32 value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 25, 0, 0, 0 0] class = PortScan
gini = 0.0 samples = 407 value = [407, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
bidirectional_max_ps <= 802.5 gini = 0.298 samples = 11 value = [9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0 0] class = BENIGN
bidirectional_last_seen_ms <= 188507064.0 gini = 0.004 samples = 568 value = [1, 0, 0, 0, 0, 0, 0, 567, 0, 0, 0, 0, 0, 0 0] class = FTP-Patator
src2dst_psh_packets <= 8.5 gini = 0.169 samples = 643 value = [60, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 583, 0, 0 0] class = SSH-Patator
bidirectional_max_ps <= 445.5 gini = 0.026 samples = 613 value = [4, 0, 0, 0, 0, 4, 605, 0, 0, 0, 0, 0, 0, 0 0] class = DoS slowloris
bidirectional_last_seen_ms <= 318790961.5 gini = 0.499 samples = 833 value = [61, 0, 0, 24, 3, 574, 0, 0, 8, 23, 0, 0, 113 5, 22] 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 = 589 value = [0, 589, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = Bot
gini = 0.0 samples = 18 value = [18, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 9 value = [0, 0, 9, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DDoS
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
src2dst_psh_packets <= 6.0 gini = 0.735 samples = 7 value = [2, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 2, 0 2] class = BENIGN
gini = 0.0 samples = 24 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 24, 0, 0, 0 0] class = PortScan
dst2src_rst_packets <= 0.5 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 = 9 value = [9, 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 = 1 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 567 value = [0, 0, 0, 0, 0, 0, 0, 567, 0, 0, 0, 0, 0, 0 0] class = FTP-Patator
bidirectional_fin_packets <= 0.5 gini = 0.092 samples = 62 value = [59, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0 0] class = BENIGN
bidirectional_packets <= 128.5 gini = 0.003 samples = 581 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 580, 0, 0 0] class = SSH-Patator
dst2src_bytes <= 266.5 gini = 0.007 samples = 607 value = [2, 0, 0, 0, 0, 0, 605, 0, 0, 0, 0, 0, 0, 0 0] class = DoS slowloris
src2dst_psh_packets <= 2.0 gini = 0.444 samples = 6 value = [2, 0, 0, 0, 0, 4, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Slowhttptest
dst2src_first_seen_ms <= 158475910.5 gini = 0.017 samples = 579 value = [5, 0, 0, 0, 0, 574, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Slowhttptest
dst2src_fin_packets <= 0.5 gini = 0.727 samples = 254 value = [56, 0, 0, 24, 3, 0, 0, 0, 8, 23, 0, 0, 113 5, 22] class = Web Attack - Brute Force
gini = 0.0 samples = 2 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
bidirectional_packets <= 39.0 gini = 0.64 samples = 5 value = [0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 2, 0 2] class = Web Attack - Brute Force
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 = 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 = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0 0] class = SSH-Patator
gini = 0.0 samples = 59 value = [59, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = -0.0 samples = 580 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 580, 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 = 605 value = [0, 0, 0, 0, 0, 0, 605, 0, 0, 0, 0, 0, 0, 0 0] class = DoS slowloris
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 = 4 value = [0, 0, 0, 0, 0, 4, 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 = 3 value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_ack_packets <= 7.5 gini = 0.007 samples = 576 value = [2, 0, 0, 0, 0, 574, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Slowhttptest
bidirectional_last_seen_ms <= 325249050.0 gini = 0.704 samples = 100 value = [44, 0, 0, 22, 3, 0, 0, 0, 7, 22, 0, 0, 1, 0 1] class = BENIGN
bidirectional_stddev_ps <= 432.924 gini = 0.445 samples = 154 value = [12, 0, 0, 2, 0, 0, 0, 0, 1, 1, 0, 0, 112, 5 21] 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_max_piat_ms <= 4963.0 gini = 0.444 samples = 3 value = [0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 2, 0 0] class = Web Attack - Brute Force
gini = -0.0 samples = 574 value = [0, 0, 0, 0, 0, 574, 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
bidirectional_mean_piat_ms <= 10.571 gini = 0.211 samples = 25 value = [0, 0, 0, 22, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
src2dst_stddev_ps <= 229.792 gini = 0.561 samples = 75 value = [44, 0, 0, 0, 0, 0, 0, 0, 7, 22, 0, 0, 1, 0 1] class = BENIGN
bidirectional_first_seen_ms <= 403451724.5 gini = 0.099 samples = 117 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 111, 2 1] class = Web Attack - Brute Force
src2dst_duration_ms <= 49707.5 gini = 0.624 samples = 37 value = [10, 0, 0, 2, 0, 0, 0, 0, 1, 0, 0, 0, 1, 3 20] 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
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 = 22 value = [0, 0, 0, 22, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
gini = 0.0 samples = 3 value = [0, 0, 0, 0, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Hulk
bidirectional_duration_ms <= 119193.5 gini = 0.129 samples = 44 value = [41, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0 1] class = BENIGN
dst2src_mean_ps <= 68.365 gini = 0.522 samples = 31 value = [3, 0, 0, 0, 0, 0, 0, 0, 7, 20, 0, 0, 1, 0 0] class = Infiltration
dst2src_last_seen_ms <= 359717093.0 gini = 0.035 samples = 113 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 111, 0 0] class = Web Attack - Brute Force
dst2src_ack_packets <= 5.0 gini = 0.625 samples = 4 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 2 1] class = Web Attack - Sql Injection
src2dst_psh_packets <= 1.5 gini = 0.642 samples = 18 value = [10, 0, 0, 2, 0, 0, 0, 0, 1, 0, 0, 0, 1, 3 1] class = BENIGN
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
src2dst_min_piat_ms <= 2039.5 gini = 0.09 samples = 43 value = [41, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0 1] 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 = 20 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 20, 0, 0, 0, 0 0] class = Infiltration
dst2src_ack_packets <= 1396.5 gini = 0.512 samples = 11 value = [3, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0, 1, 0 0] class = Heartbleed
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 = 111 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 111, 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, 2 0] class = Web Attack - Sql Injection
src2dst_stddev_ps <= 37.011 gini = 0.5 samples = 2 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0 1] class = Infiltration
dst2src_first_seen_ms <= 404149368.0 gini = 0.611 samples = 6 value = [0, 0, 0, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3 1] class = Web Attack - Sql Injection
bidirectional_psh_packets <= 35.0 gini = 0.292 samples = 12 value = [10, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0 0] class = BENIGN
src2dst_stddev_ps <= 187.059 gini = 0.046 samples = 42 value = [41, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 1] 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_max_ps <= 831.5 gini = 0.375 samples = 4 value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0 0] class = BENIGN
gini = 0.0 samples = 7 value = [0, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0, 0, 0 0] class = Heartbleed
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, 0, 0, 0, 0 1] class = Web Attack - XSS
bidirectional_max_piat_ms <= 5001.0 gini = 0.444 samples = 3 value = [0, 0, 0, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 1] class = DoS GoldenEye
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
gini = -0.0 samples = 10 value = [10, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
src2dst_duration_ms <= 24056.0 gini = 0.5 samples = 2 value = [0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 1, 0 0] class = Heartbleed
gini = 0.0 samples = 39 value = [39, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_duration_ms <= 1.0 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 = 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 = 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, 0, 0, 0 1] class = Web Attack - XSS
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 = [0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0 0] class = Heartbleed
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 = 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 = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN