dst2src_first_seen_ms <= 509243161.5 gini = 0.906 samples = 6087 value = [607, 582, 591, 627, 557, 569, 619, 599, 14, 22, 574, 574, 115, 16, 21] class = DoS GoldenEye
True
False
dst2src_stddev_ps <= 878.367 gini = 0.896 samples = 5491 value = [602, 582, 0, 627, 557, 569, 619, 599, 14, 22, 574, 574, 115, 16, 21] class = DoS GoldenEye
bidirectional_mean_ps <= 770.439 gini = 0.017 samples = 596 value = [5, 0, 591, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DDoS
dst2src_psh_packets <= 14.0 gini = 0.869 samples = 4306 value = [589, 582, 0, 29, 5, 569, 619, 599, 10, 22, 574, 574, 111, 8, 15] class = DoS slowloris
dst2src_max_piat_ms <= 1872.0 gini = 0.528 samples = 1185 value = [13, 0, 0, 598, 552, 0, 0, 0, 4, 0, 0, 0, 4, 8, 6] 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 = 591 value = [0, 0, 591, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DDoS
src2dst_psh_packets <= 0.5 gini = 0.845 samples = 3665 value = [584, 582, 0, 29, 5, 569, 619, 599, 0, 22, 574, 7, 64, 8, 3] class = DoS slowloris
dst2src_bytes <= 43627.0 gini = 0.212 samples = 641 value = [5, 0, 0, 0, 0, 0, 0, 0, 10, 0, 0, 567, 47, 0, 12] class = SSH-Patator
bidirectional_mean_ps <= 1014.226 gini = 0.039 samples = 563 value = [7, 0, 0, 0, 552, 0, 0, 0, 0, 0, 0, 0, 2, 0, 2] class = DoS Hulk
bidirectional_last_seen_ms <= 327841681.5 gini = 0.075 samples = 622 value = [6, 0, 0, 598, 0, 0, 0, 0, 4, 0, 0, 0, 2, 8, 4] class = DoS GoldenEye
bidirectional_syn_packets <= 0.5 gini = 0.494 samples = 1039 value = [465, 0, 0, 0, 0, 0, 0, 0, 0, 0, 574, 0, 0, 0, 0] class = PortScan
src2dst_last_seen_ms <= 457893464.0 gini = 0.793 samples = 2626 value = [119, 582, 0, 29, 5, 569, 619, 599, 0, 22, 0, 7, 64, 8, 3] class = DoS slowloris
gini = 0.0 samples = 567 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 567, 0, 0, 0] class = SSH-Patator
bidirectional_stddev_ps <= 566.223 gini = 0.547 samples = 74 value = [5, 0, 0, 0, 0, 0, 0, 0, 10, 0, 0, 0, 47, 0, 12] class = Web Attack - Brute Force
bidirectional_max_ps <= 3687.0 gini = 0.529 samples = 11 value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 2] class = BENIGN
gini = 0.0 samples = 552 value = [0, 0, 0, 0, 552, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Hulk
dst2src_last_seen_ms <= 274006723.5 gini = 0.013 samples = 602 value = [4, 0, 0, 598, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS GoldenEye
bidirectional_bytes <= 6476.5 gini = 0.74 samples = 20 value = [2, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0, 2, 8, 4] class = Web Attack - Sql Injection
src2dst_bytes <= 62.5 gini = 0.095 samples = 479 value = [455, 0, 0, 0, 0, 0, 0, 0, 0, 0, 24, 0, 0, 0, 0] class = BENIGN
bidirectional_max_piat_ms <= 26.5 gini = 0.035 samples = 560 value = [10, 0, 0, 0, 0, 0, 0, 0, 0, 0, 550, 0, 0, 0, 0] class = PortScan
src2dst_first_seen_ms <= 236911440.5 gini = 0.738 samples = 2035 value = [110, 0, 0, 29, 5, 569, 619, 599, 0, 22, 0, 7, 64, 8, 3] class = DoS slowloris
bidirectional_first_seen_ms <= 496714560.5 gini = 0.03 samples = 591 value = [9, 582, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = Bot
gini = 0.0 samples = 47 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 47, 0, 0] class = Web Attack - Brute Force
dst2src_mean_ps <= 1464.821 gini = 0.631 samples = 27 value = [5, 0, 0, 0, 0, 0, 0, 0, 10, 0, 0, 0, 0, 0, 12] class = Web Attack - XSS
gini = 0.0 samples = 7 value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
dst2src_last_seen_ms <= 399768795.0 gini = 0.5 samples = 4 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 2] class = Web Attack - Brute Force
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 = 598 value = [0, 0, 0, 598, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS GoldenEye
gini = 0.0 samples = 8 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 8, 0] class = Web Attack - Sql Injection
src2dst_bytes <= 4018.5 gini = 0.722 samples = 12 value = [2, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0, 2, 0, 4] class = Heartbleed
bidirectional_first_seen_ms <= 404943996.5 gini = 0.444 samples = 63 value = [42, 0, 0, 0, 0, 0, 0, 0, 0, 0, 21, 0, 0, 0, 0] class = BENIGN
bidirectional_stddev_ps <= 933.8 gini = 0.014 samples = 416 value = [413, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 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
gini = 0.0 samples = 10 value = [10, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
bidirectional_stddev_ps <= 16.754 gini = 0.132 samples = 645 value = [46, 0, 0, 0, 0, 0, 0, 599, 0, 0, 0, 0, 0, 0, 0] class = FTP-Patator
bidirectional_first_seen_ms <= 316763215.0 gini = 0.629 samples = 1390 value = [64, 0, 0, 29, 5, 569, 619, 0, 0, 22, 0, 7, 64, 8, 3] class = DoS slowloris
gini = 0.0 samples = 582 value = [0, 582, 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
bidirectional_max_ps <= 10008.0 gini = 0.444 samples = 15 value = [5, 0, 0, 0, 0, 0, 0, 0, 10, 0, 0, 0, 0, 0, 0] class = Heartbleed
gini = 0.0 samples = 12 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 12] 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 = 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 = 4 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4] class = Web Attack - XSS
bidirectional_fin_packets <= 0.5 gini = 0.625 samples = 8 value = [2, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0, 2, 0, 0] class = Heartbleed
gini = 0.0 samples = 32 value = [32, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
bidirectional_last_seen_ms <= 426031588.5 gini = 0.437 samples = 31 value = [10, 0, 0, 0, 0, 0, 0, 0, 0, 0, 21, 0, 0, 0, 0] class = PortScan
bidirectional_bytes <= 93.0 gini = 0.005 samples = 404 value = [403, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0] class = BENIGN
dst2src_ack_packets <= 0.5 gini = 0.278 samples = 12 value = [10, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0] class = BENIGN
src2dst_first_seen_ms <= 188523832.5 gini = 0.007 samples = 601 value = [2, 0, 0, 0, 0, 0, 0, 599, 0, 0, 0, 0, 0, 0, 0] class = FTP-Patator
gini = 0.0 samples = 44 value = [44, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
src2dst_first_seen_ms <= 281816946.5 gini = 0.055 samples = 637 value = [9, 0, 0, 0, 0, 2, 619, 0, 0, 0, 0, 7, 0, 0, 0] class = DoS slowloris
src2dst_last_seen_ms <= 318397604.5 gini = 0.418 samples = 753 value = [55, 0, 0, 29, 5, 567, 0, 0, 0, 22, 0, 0, 64, 8, 3] class = DoS Slowhttptest
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 = 10 value = [0, 0, 0, 0, 0, 0, 0, 0, 10, 0, 0, 0, 0, 0, 0] class = Heartbleed
gini = 0.0 samples = 4 value = [0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0, 0, 0, 0] class = Heartbleed
dst2src_last_seen_ms <= 400114079.0 gini = 0.5 samples = 4 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0] class = BENIGN
gini = 0.0 samples = 21 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 21, 0, 0, 0, 0] class = PortScan
gini = 0.0 samples = 10 value = [10, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
src2dst_first_seen_ms <= 497688353.0 gini = 0.074 samples = 26 value = [25, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0] class = BENIGN
gini = 0.0 samples = 378 value = [378, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
gini = -0.0 samples = 10 value = [10, 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 = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
gini = 0.0 samples = 599 value = [0, 0, 0, 0, 0, 0, 0, 599, 0, 0, 0, 0, 0, 0, 0] class = FTP-Patator
bidirectional_max_ps <= 1338.0 gini = 0.498 samples = 15 value = [8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0] class = BENIGN
src2dst_stddev_ps <= 173.619 gini = 0.01 samples = 622 value = [1, 0, 0, 0, 0, 2, 619, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS slowloris
dst2src_bytes <= 30.0 gini = 0.004 samples = 568 value = [1, 0, 0, 0, 0, 567, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Slowhttptest
dst2src_min_piat_ms <= 0.5 gini = 0.754 samples = 185 value = [54, 0, 0, 29, 5, 0, 0, 0, 0, 22, 0, 0, 64, 8, 3] class = Web Attack - Brute Force
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 = 2 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
gini = 0.0 samples = 23 value = [23, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
bidirectional_first_seen_ms <= 507377489.0 gini = 0.444 samples = 3 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0] class = BENIGN
src2dst_stddev_ps <= 213.615 gini = 0.42 samples = 10 value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0] class = SSH-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 = 619 value = [0, 0, 0, 0, 0, 0, 619, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS slowloris
dst2src_mean_piat_ms <= 5.0 gini = 0.444 samples = 3 value = [1, 0, 0, 0, 0, 2, 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 = 567 value = [0, 0, 0, 0, 0, 567, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Slowhttptest
src2dst_mean_ps <= 238.81 gini = 0.662 samples = 104 value = [48, 0, 0, 29, 5, 0, 0, 0, 0, 22, 0, 0, 0, 0, 0] class = BENIGN
bidirectional_last_seen_ms <= 402883017.0 gini = 0.359 samples = 81 value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 64, 8, 3] 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 = 2 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
dst2src_first_seen_ms <= 123853305.5 gini = 0.219 samples = 8 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0] class = SSH-Patator
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 = 2 value = [0, 0, 0, 0, 0, 2, 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
bidirectional_first_seen_ms <= 322344927.5 gini = 0.124 samples = 45 value = [42, 0, 0, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
dst2src_packets <= 6.5 gini = 0.649 samples = 59 value = [6, 0, 0, 26, 5, 0, 0, 0, 0, 22, 0, 0, 0, 0, 0] class = DoS GoldenEye
bidirectional_packets <= 17.0 gini = 0.134 samples = 69 value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 64, 0, 0] class = Web Attack - Brute Force
dst2src_stddev_piat_ms <= 2773.018 gini = 0.486 samples = 12 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 8, 3] class = Web Attack - Sql Injection
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 = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0] class = SSH-Patator
dst2src_last_seen_ms <= 319939873.5 gini = 0.5 samples = 6 value = [3, 0, 0, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
gini = 0.0 samples = 39 value = [39, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
src2dst_first_seen_ms <= 327750104.0 gini = 0.462 samples = 37 value = [6, 0, 0, 26, 5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS GoldenEye
gini = 0.0 samples = 22 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 22, 0, 0, 0, 0, 0] class = Infiltration
gini = 0.0 samples = 64 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 64, 0, 0] 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 = 3 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3] class = Web Attack - XSS
src2dst_psh_packets <= 1.5 gini = 0.198 samples = 9 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 8, 0] class = Web Attack - Sql Injection
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 = 3 value = [0, 0, 0, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS GoldenEye
bidirectional_stddev_ps <= 1209.729 gini = 0.271 samples = 31 value = [0, 0, 0, 26, 5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS GoldenEye
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 = 8 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 8, 0] class = Web Attack - Sql Injection
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 = 26 value = [0, 0, 0, 26, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS GoldenEye
gini = 0.0 samples = 5 value = [0, 0, 0, 0, 5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Hulk