dst2src_first_seen_ms <= 509246185.0 gini = 0.906 samples = 6087 value = [580, 591, 595, 570, 588, 587, 618, 590, 8, 31, 583, 590, 123, 8, 25] class = DoS slowloris
True
False
dst2src_stddev_ps <= 878.367 gini = 0.896 samples = 5487 value = [575, 591, 0, 570, 588, 587, 618, 590, 8, 31, 583, 590, 123, 8, 25] class = DoS slowloris
dst2src_psh_packets <= 14.5 gini = 0.87 samples = 4332 value = [562, 591, 0, 25, 5, 586, 618, 590, 7, 31, 583, 590, 120, 5, 19] class = DoS slowloris
src2dst_psh_packets <= 0.5 gini = 0.846 samples = 3677 value = [560, 591, 0, 25, 5, 586, 618, 590, 0, 31, 583, 13, 65, 5, 5] class = DoS slowloris
src2dst_syn_packets <= 0.5 gini = 0.49 samples = 1019 value = [436, 0, 0, 0, 0, 0, 0, 0, 0, 0, 583, 0, 0, 0, 0] class = PortScan
src2dst_bytes <= 62.5 gini = 0.113 samples = 451 value = [424, 0, 0, 0, 0, 0, 0, 0, 0, 0, 27, 0, 0, 0, 0] class = BENIGN
src2dst_last_seen_ms <= 409435033.0 gini = 0.43 samples = 80 value = [55, 0, 0, 0, 0, 0, 0, 0, 0, 0, 25, 0, 0, 0, 0] class = BENIGN
gini = -0.0 samples = 40 value = [40, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
bidirectional_last_seen_ms <= 426031588.5 gini = 0.469 samples = 40 value = [15, 0, 0, 0, 0, 0, 0, 0, 0, 0, 25, 0, 0, 0, 0] class = PortScan
gini = 0.0 samples = 23 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 23, 0, 0, 0, 0] class = PortScan
dst2src_packets <= 0.5 gini = 0.208 samples = 17 value = [15, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0] class = BENIGN
gini = 0.0 samples = 15 value = [15, 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
bidirectional_stddev_ps <= 933.8 gini = 0.011 samples = 371 value = [369, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0] class = BENIGN
bidirectional_bytes <= 85.0 gini = 0.006 samples = 360 value = [359, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0] class = BENIGN
bidirectional_first_seen_ms <= 497688353.0 gini = 0.083 samples = 23 value = [22, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0] class = BENIGN
gini = -0.0 samples = 20 value = [20, 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
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
gini = 0.0 samples = 337 value = [337, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
dst2src_ack_packets <= 0.5 gini = 0.165 samples = 11 value = [10, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 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 = 1 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0] class = PortScan
src2dst_last_seen_ms <= 377318462.0 gini = 0.041 samples = 568 value = [12, 0, 0, 0, 0, 0, 0, 0, 0, 0, 556, 0, 0, 0, 0] class = PortScan
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 = 556 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 556, 0, 0, 0, 0] class = PortScan
src2dst_last_seen_ms <= 457999117.5 gini = 0.796 samples = 2658 value = [124, 591, 0, 25, 5, 586, 618, 590, 0, 31, 0, 13, 65, 5, 5] class = DoS slowloris
src2dst_last_seen_ms <= 234508414.5 gini = 0.74 samples = 2049 value = [106, 0, 0, 25, 5, 586, 618, 590, 0, 31, 0, 13, 65, 5, 5] class = DoS slowloris
bidirectional_stddev_ps <= 16.754 gini = 0.139 samples = 638 value = [48, 0, 0, 0, 0, 0, 0, 590, 0, 0, 0, 0, 0, 0, 0] class = FTP-Patator
bidirectional_mean_ps <= 82.188 gini = 0.003 samples = 591 value = [1, 0, 0, 0, 0, 0, 0, 590, 0, 0, 0, 0, 0, 0, 0] class = FTP-Patator
gini = 0.0 samples = 590 value = [0, 0, 0, 0, 0, 0, 0, 590, 0, 0, 0, 0, 0, 0, 0] class = FTP-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 = 47 value = [47, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
src2dst_first_seen_ms <= 316769905.0 gini = 0.631 samples = 1411 value = [58, 0, 0, 25, 5, 586, 618, 0, 0, 31, 0, 13, 65, 5, 5] class = DoS slowloris
bidirectional_last_seen_ms <= 281820097.0 gini = 0.064 samples = 639 value = [8, 0, 0, 0, 0, 0, 618, 0, 0, 0, 0, 13, 0, 0, 0] class = DoS slowloris
bidirectional_stddev_ps <= 403.153 gini = 0.455 samples = 20 value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 13, 0, 0, 0] class = SSH-Patator
gini = -0.0 samples = 13 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 13, 0, 0, 0] class = SSH-Patator
gini = 0.0 samples = 7 value = [7, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
dst2src_stddev_ps <= 300.161 gini = 0.003 samples = 619 value = [1, 0, 0, 0, 0, 0, 618, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS slowloris
gini = -0.0 samples = 618 value = [0, 0, 0, 0, 0, 0, 618, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS slowloris
gini = 0.0 samples = 1 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
bidirectional_last_seen_ms <= 318391827.5 gini = 0.41 samples = 772 value = [50, 0, 0, 25, 5, 586, 0, 0, 0, 31, 0, 0, 65, 5, 5] class = DoS Slowhttptest
dst2src_max_ps <= 30.0 gini = 0.01 samples = 589 value = [3, 0, 0, 0, 0, 586, 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
src2dst_ack_packets <= 14.0 gini = 0.003 samples = 587 value = [1, 0, 0, 0, 0, 586, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Slowhttptest
gini = -0.0 samples = 586 value = [0, 0, 0, 0, 0, 586, 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
dst2src_min_piat_ms <= 0.5 gini = 0.758 samples = 183 value = [47, 0, 0, 25, 5, 0, 0, 0, 0, 31, 0, 0, 65, 5, 5] class = Web Attack - Brute Force
dst2src_stddev_ps <= 274.049 gini = 0.687 samples = 99 value = [39, 0, 0, 25, 5, 0, 0, 0, 0, 30, 0, 0, 0, 0, 0] class = BENIGN
src2dst_first_seen_ms <= 414313111.0 gini = 0.657 samples = 69 value = [9, 0, 0, 25, 5, 0, 0, 0, 0, 30, 0, 0, 0, 0, 0] class = Infiltration
bidirectional_last_seen_ms <= 323401901.5 gini = 0.519 samples = 39 value = [9, 0, 0, 25, 5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS GoldenEye
dst2src_first_seen_ms <= 320068367.5 gini = 0.323 samples = 31 value = [1, 0, 0, 25, 5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS GoldenEye
bidirectional_max_ps <= 2971.5 gini = 0.278 samples = 6 value = [1, 0, 0, 0, 5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Hulk
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 = 5 value = [0, 0, 0, 0, 5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Hulk
gini = 0.0 samples = 25 value = [0, 0, 0, 25, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS GoldenEye
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 = 30 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 30, 0, 0, 0, 0, 0] class = Infiltration
gini = 0.0 samples = 30 value = [30, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
bidirectional_bytes <= 1515.5 gini = 0.385 samples = 84 value = [8, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 65, 5, 5] class = Web Attack - Brute Force
src2dst_first_seen_ms <= 403411199.0 gini = 0.031 samples = 64 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 63, 0, 1] class = Web Attack - Brute Force
gini = 0.0 samples = 63 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 63, 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
src2dst_max_piat_ms <= 5300.0 gini = 0.725 samples = 20 value = [8, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 2, 5, 4] class = BENIGN
src2dst_stddev_piat_ms <= 8.886 gini = 0.681 samples = 12 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 2, 5, 4] class = Web Attack - Sql Injection
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
bidirectional_max_ps <= 1136.5 gini = 0.571 samples = 7 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 2, 0, 4] class = Web Attack - XSS
bidirectional_duration_ms <= 5271.0 gini = 0.444 samples = 3 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 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, 2, 0, 0] class = Web Attack - Brute Force
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 = 4 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4] class = Web Attack - XSS
gini = 0.0 samples = 8 value = [8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
src2dst_first_seen_ms <= 493874141.0 gini = 0.057 samples = 609 value = [18, 591, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = Bot
dst2src_psh_packets <= 2.5 gini = 0.007 samples = 593 value = [2, 591, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = Bot
gini = 0.0 samples = 591 value = [0, 591, 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 = 16 value = [16, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
bidirectional_bytes <= 34684.5 gini = 0.216 samples = 655 value = [2, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 577, 55, 0, 14] class = SSH-Patator
gini = 0.0 samples = 577 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 577, 0, 0, 0] class = SSH-Patator
bidirectional_stddev_ps <= 597.183 gini = 0.462 samples = 78 value = [2, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0, 55, 0, 14] class = Web Attack - Brute Force
gini = 0.0 samples = 55 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 55, 0, 0] class = Web Attack - Brute Force
bidirectional_last_seen_ms <= 369809425.5 gini = 0.529 samples = 23 value = [2, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0, 0, 0, 14] class = Web Attack - XSS
bidirectional_max_ps <= 10008.0 gini = 0.346 samples = 9 value = [2, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0, 0, 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 = 7 value = [0, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0, 0, 0, 0] class = Heartbleed
gini = 0.0 samples = 14 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 14] class = Web Attack - XSS
dst2src_max_piat_ms <= 1870.5 gini = 0.522 samples = 1155 value = [13, 0, 0, 545, 583, 1, 0, 0, 1, 0, 0, 0, 3, 3, 6] class = DoS Hulk
bidirectional_mean_ps <= 1014.226 gini = 0.033 samples = 593 value = [5, 0, 0, 0, 583, 0, 0, 0, 0, 0, 0, 0, 1, 2, 2] class = DoS Hulk
bidirectional_min_ps <= 63.0 gini = 0.66 samples = 10 value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 2, 2] 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_duration_ms <= 4539.0 gini = 0.64 samples = 5 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 2, 2] class = Web Attack - Sql Injection
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
dst2src_last_seen_ms <= 399768795.0 gini = 0.444 samples = 3 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 2, 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 = 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 = 583 value = [0, 0, 0, 0, 583, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Hulk
dst2src_psh_packets <= 3.0 gini = 0.059 samples = 562 value = [8, 0, 0, 545, 0, 1, 0, 0, 1, 0, 0, 0, 2, 1, 4] class = DoS GoldenEye
bidirectional_last_seen_ms <= 362683612.0 gini = 0.014 samples = 549 value = [0, 0, 0, 545, 0, 1, 0, 0, 0, 0, 0, 0, 0, 1, 2] class = DoS GoldenEye
bidirectional_first_seen_ms <= 318780660.0 gini = 0.004 samples = 546 value = [0, 0, 0, 545, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS GoldenEye
gini = 0.0 samples = 1 value = [0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Slowhttptest
gini = 0.0 samples = 545 value = [0, 0, 0, 545, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS GoldenEye
dst2src_stddev_piat_ms <= 2237.411 gini = 0.444 samples = 3 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 2] class = Web Attack - XSS
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 = 1 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0] class = Web Attack - Sql Injection
bidirectional_max_piat_ms <= 7414.0 gini = 0.568 samples = 13 value = [8, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 2, 0, 2] class = BENIGN
dst2src_fin_packets <= 0.5 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
src2dst_first_seen_ms <= 334749346.0 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 = 1 value = [0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0] class = Heartbleed
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 = 8 value = [8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
bidirectional_stddev_ps <= 839.651 gini = 0.017 samples = 600 value = [5, 0, 595, 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
gini = 0.0 samples = 595 value = [0, 0, 595, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DDoS