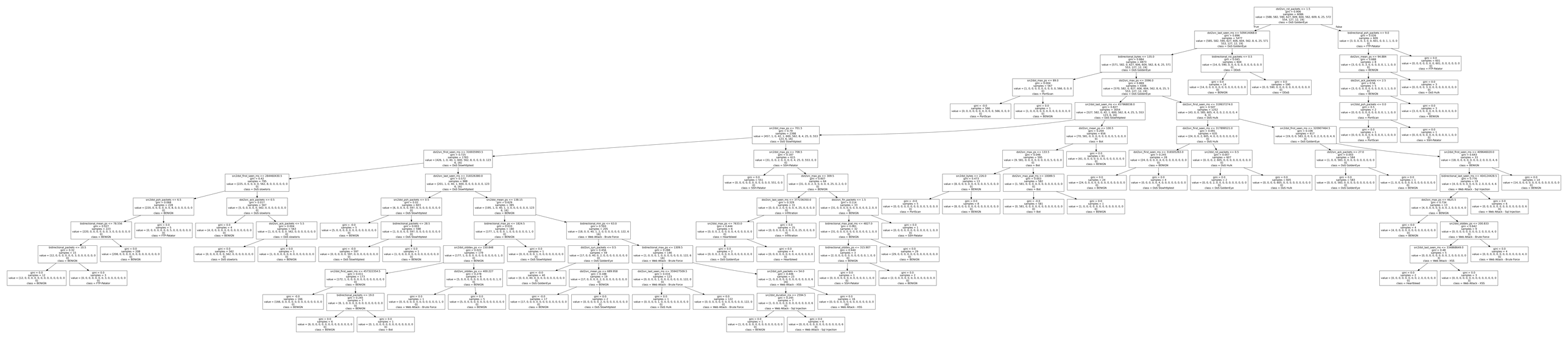

dst2src_rst_packets <= 1.5 gini = 0.906 samples = 6086 value = [588, 582, 590, 627, 609, 604, 562, 609, 6, 25, 572, 554, 127, 12, 19] class = DoS GoldenEye
True
False
dst2src_last_seen_ms <= 509414068.0 gini = 0.896 samples = 5477 value = [585, 582, 590, 627, 606, 604, 562, 8, 6, 25, 571, 553, 127, 12, 19] class = DoS GoldenEye
bidirectional_bytes <= 135.0 gini = 0.884 samples = 4873 value = [571, 582, 0, 627, 606, 604, 562, 8, 6, 25, 571, 553, 127, 12, 19] class = DoS GoldenEye
src2dst_max_ps <= 89.0 gini = 0.004 samples = 567 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 566, 0, 0, 0, 0] class = PortScan
gini = -0.0 samples = 566 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 566, 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
dst2src_max_ps <= 2096.0 gini = 0.869 samples = 4306 value = [570, 582, 0, 627, 606, 604, 562, 8, 6, 25, 5, 553, 127, 12, 19] class = DoS GoldenEye
src2dst_last_seen_ms <= 457968038.0 gini = 0.827 samples = 3054 value = [527, 582, 0, 42, 1, 600, 562, 8, 4, 25, 5, 553, 123, 6, 16] class = DoS Slowhttptest
src2dst_max_ps <= 701.5 gini = 0.79 samples = 2398 value = [457, 1, 0, 42, 1, 600, 562, 8, 4, 25, 0, 553, 123, 6, 16] class = DoS Slowhttptest
dst2src_first_seen_ms <= 316935993.5 gini = 0.725 samples = 1783 value = [426, 1, 0, 40, 1, 600, 562, 8, 0, 0, 0, 0, 123, 6, 16] class = DoS Slowhttptest
src2dst_first_seen_ms <= 284460430.5 gini = 0.42 samples = 795 value = [225, 0, 0, 0, 0, 0, 562, 8, 0, 0, 0, 0, 0, 0, 0] class = DoS slowloris
src2dst_psh_packets <= 6.5 gini = 0.068 samples = 228 value = [220, 0, 0, 0, 0, 0, 0, 8, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
bidirectional_mean_ps <= 78.556 gini = 0.027 samples = 223 value = [220, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
bidirectional_packets <= 10.5 gini = 0.32 samples = 15 value = [12, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
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 = 3 value = [0, 0, 0, 0, 0, 0, 0, 3, 0, 0, 0, 0, 0, 0, 0] class = FTP-Patator
gini = 0.0 samples = 208 value = [208, 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, 0, 0, 0, 5, 0, 0, 0, 0, 0, 0, 0] class = FTP-Patator
dst2src_ack_packets <= 0.5 gini = 0.017 samples = 567 value = [5, 0, 0, 0, 0, 0, 562, 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
dst2src_ack_packets <= 5.5 gini = 0.004 samples = 563 value = [1, 0, 0, 0, 0, 0, 562, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS slowloris
gini = 0.0 samples = 562 value = [0, 0, 0, 0, 0, 0, 562, 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
dst2src_last_seen_ms <= 318326380.0 gini = 0.572 samples = 988 value = [201, 1, 0, 40, 1, 600, 0, 0, 0, 0, 0, 0, 123, 6, 16] class = DoS Slowhttptest
src2dst_psh_packets <= 0.5 gini = 0.02 samples = 603 value = [6, 0, 0, 0, 0, 597, 0, 0, 0, 0, 0, 0, 0, 0, 0] 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
bidirectional_packets <= 28.5 gini = 0.003 samples = 598 value = [1, 0, 0, 0, 0, 597, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Slowhttptest
gini = -0.0 samples = 597 value = [0, 0, 0, 0, 0, 597, 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
src2dst_mean_ps <= 138.15 gini = 0.629 samples = 385 value = [195, 1, 0, 40, 1, 3, 0, 0, 0, 0, 0, 0, 123, 6, 16] class = BENIGN
bidirectional_max_ps <= 1824.5 gini = 0.033 samples = 180 value = [177, 1, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0] class = BENIGN
src2dst_stddev_ps <= 150.848 gini = 0.022 samples = 179 value = [177, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0] class = BENIGN
src2dst_first_seen_ms <= 457322354.5 gini = 0.011 samples = 173 value = [172, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
gini = -0.0 samples = 166 value = [166, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
bidirectional_packets <= 19.0 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 = 6 value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
gini = 0.0 samples = 1 value = [0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = Bot
dst2src_stddev_ps <= 400.227 gini = 0.278 samples = 6 value = [5, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0] class = BENIGN
gini = 0.0 samples = 1 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 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 = 1 value = [0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Slowhttptest
bidirectional_min_ps <= 63.0 gini = 0.593 samples = 205 value = [18, 0, 0, 40, 1, 2, 0, 0, 0, 0, 0, 0, 122, 6, 16] class = Web Attack - Brute Force
dst2src_syn_packets <= 0.5 gini = 0.456 samples = 59 value = [17, 0, 0, 40, 0, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS GoldenEye
gini = -0.0 samples = 40 value = [0, 0, 0, 40, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS GoldenEye
dst2src_mean_ps <= 689.958 gini = 0.188 samples = 19 value = [17, 0, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
gini = -0.0 samples = 17 value = [17, 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
bidirectional_max_ps <= 1309.5 gini = 0.288 samples = 146 value = [1, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 122, 6, 16] class = Web Attack - Brute Force
dst2src_last_seen_ms <= 359427509.5 gini = 0.016 samples = 123 value = [0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 122, 0, 0] class = Web Attack - Brute Force
gini = 0.0 samples = 1 value = [0, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Hulk
gini = 0.0 samples = 122 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 122, 0, 0] class = Web Attack - Brute Force
src2dst_psh_packets <= 54.0 gini = 0.446 samples = 23 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 6, 16] class = Web Attack - XSS
src2dst_duration_ms <= 2594.5 gini = 0.245 samples = 7 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 6, 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 = 6 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 6, 0] class = Web Attack - Sql Injection
gini = 0.0 samples = 16 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 16] class = Web Attack - XSS
src2dst_max_ps <= 708.5 gini = 0.187 samples = 615 value = [31, 0, 0, 2, 0, 0, 0, 0, 4, 25, 0, 553, 0, 0, 0] class = SSH-Patator
gini = 0.0 samples = 551 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 551, 0, 0, 0] class = SSH-Patator
dst2src_max_ps <= 309.5 gini = 0.607 samples = 64 value = [31, 0, 0, 2, 0, 0, 0, 0, 4, 25, 0, 2, 0, 0, 0] class = BENIGN
dst2src_last_seen_ms <= 377236350.0 gini = 0.329 samples = 31 value = [0, 0, 0, 2, 0, 0, 0, 0, 4, 25, 0, 0, 0, 0, 0] class = Infiltration
src2dst_max_ps <= 7633.0 gini = 0.444 samples = 6 value = [0, 0, 0, 2, 0, 0, 0, 0, 4, 0, 0, 0, 0, 0, 0] class = Heartbleed
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 = 4 value = [0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0, 0, 0, 0, 0] class = Heartbleed
gini = 0.0 samples = 25 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 25, 0, 0, 0, 0, 0] class = Infiltration
dst2src_fin_packets <= 1.5 gini = 0.114 samples = 33 value = [31, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0] class = BENIGN
bidirectional_max_piat_ms <= 4827.0 gini = 0.061 samples = 32 value = [31, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0] class = BENIGN
bidirectional_stddev_ps <= 315.907 gini = 0.444 samples = 3 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 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 = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
gini = 0.0 samples = 29 value = [29, 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
dst2src_mean_ps <= 100.5 gini = 0.204 samples = 656 value = [70, 581, 0, 0, 0, 0, 0, 0, 0, 0, 5, 0, 0, 0, 0] class = Bot
dst2src_max_ps <= 133.5 gini = 0.046 samples = 595 value = [9, 581, 0, 0, 0, 0, 0, 0, 0, 0, 5, 0, 0, 0, 0] class = Bot
src2dst_bytes <= 226.0 gini = 0.473 samples = 13 value = [8, 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 = 8 value = [8, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
dst2src_max_piat_ms <= 10089.5 gini = 0.003 samples = 582 value = [1, 581, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = Bot
gini = -0.0 samples = 581 value = [0, 581, 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 = 61 value = [61, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
dst2src_first_seen_ms <= 319937274.0 gini = 0.547 samples = 1252 value = [43, 0, 0, 585, 605, 4, 0, 0, 2, 0, 0, 0, 4, 6, 3] class = DoS Hulk
dst2src_first_seen_ms <= 317899521.0 gini = 0.091 samples = 635 value = [24, 0, 0, 2, 605, 4, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Hulk
dst2src_first_seen_ms <= 316505263.0 gini = 0.245 samples = 28 value = [24, 0, 0, 0, 0, 4, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
gini = 0.0 samples = 24 value = [24, 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
src2dst_rst_packets <= 0.5 gini = 0.007 samples = 607 value = [0, 0, 0, 2, 605, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Hulk
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 = 605 value = [0, 0, 0, 0, 605, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Hulk
src2dst_first_seen_ms <= 320907464.5 gini = 0.106 samples = 617 value = [19, 0, 0, 583, 0, 0, 0, 0, 2, 0, 0, 0, 4, 6, 3] class = DoS GoldenEye
dst2src_ack_packets <= 27.0 gini = 0.003 samples = 584 value = [1, 0, 0, 583, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS GoldenEye
gini = 0.0 samples = 583 value = [0, 0, 0, 583, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS GoldenEye
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 <= 409646020.0 gini = 0.643 samples = 33 value = [18, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 4, 6, 3] class = BENIGN
bidirectional_last_seen_ms <= 404124428.5 gini = 0.776 samples = 19 value = [4, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 4, 6, 3] class = Web Attack - Sql Injection
dst2src_max_ps <= 4625.5 gini = 0.734 samples = 13 value = [4, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 4, 0, 3] class = BENIGN
gini = 0.0 samples = 4 value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
src2dst_stddev_ps <= 200.833 gini = 0.642 samples = 9 value = [0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 4, 0, 3] class = Web Attack - Brute Force
src2dst_last_seen_ms <= 334868649.0 gini = 0.48 samples = 5 value = [0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0, 0, 3] class = Web Attack - XSS
gini = 0.0 samples = 2 value = [0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0] class = Heartbleed
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 = 4 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 4, 0, 0] class = Web Attack - Brute Force
gini = 0.0 samples = 6 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 6, 0] class = Web Attack - Sql Injection
gini = 0.0 samples = 14 value = [14, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = BENIGN
bidirectional_rst_packets <= 0.5 gini = 0.045 samples = 604 value = [14, 0, 590, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DDoS
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 = 590 value = [0, 0, 590, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DDoS
bidirectional_psh_packets <= 9.0 gini = 0.026 samples = 609 value = [3, 0, 0, 0, 3, 0, 0, 601, 0, 0, 1, 1, 0, 0, 0] class = FTP-Patator
dst2src_mean_ps <= 94.884 gini = 0.688 samples = 8 value = [3, 0, 0, 0, 3, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0] class = BENIGN
dst2src_ack_packets <= 2.5 gini = 0.56 samples = 5 value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0] class = BENIGN
src2dst_psh_packets <= 0.0 gini = 0.5 samples = 2 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 1, 0, 0, 0] class = PortScan
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 = 1 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0] class = SSH-Patator
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, 0, 3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0] class = DoS Hulk
gini = 0.0 samples = 601 value = [0, 0, 0, 0, 0, 0, 0, 601, 0, 0, 0, 0, 0, 0, 0] class = FTP-Patator