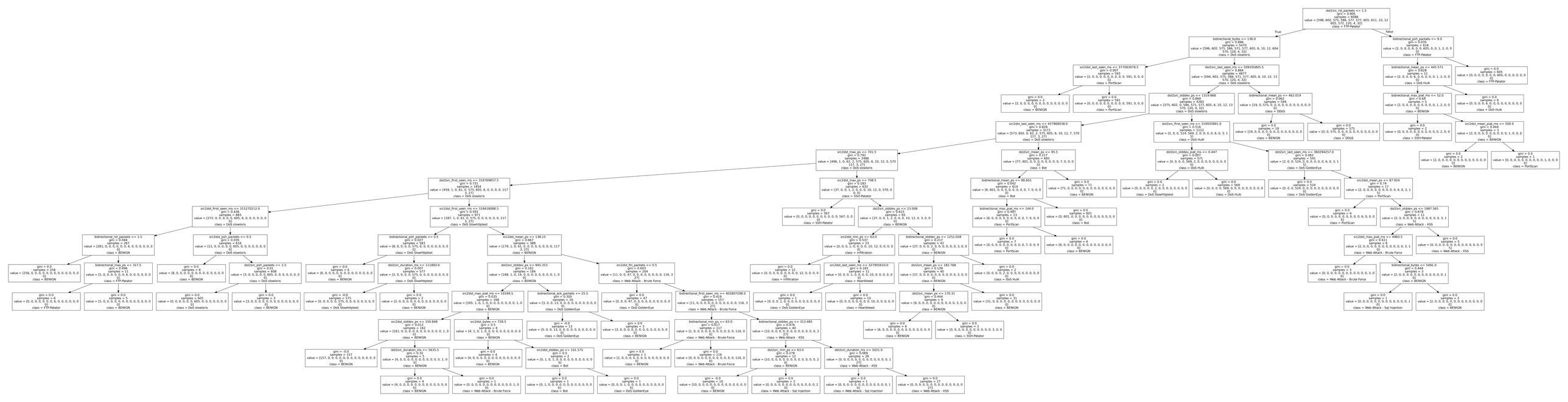

dst2src_rst_packets <= 1.5 gini = 0.905 samples = 6086 value = [598, 602, 575, 586, 577, 577, 605, 611, 10, 12 605, 572, 120, 4, 32] class = FTP-Patator
True
False
bidirectional_bytes <= 136.0 gini = 0.896 samples = 5470 value = [596, 602, 575, 586, 571, 577, 605, 6, 10, 12, 604 570, 120, 4, 32] class = DoS slowloris
bidirectional_psh_packets <= 9.0 gini = 0.035 samples = 616 value = [2, 0, 0, 0, 6, 0, 0, 605, 0, 0, 1, 2, 0, 0 0] class = FTP-Patator
src2dst_last_seen_ms <= 377093978.5 gini = 0.007 samples = 593 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 591, 0, 0, 0 0] class = PortScan
dst2src_last_seen_ms <= 509205805.5 gini = 0.884 samples = 4877 value = [594, 602, 575, 586, 571, 577, 605, 6, 10, 12, 13 570, 120, 4, 32] class = DoS slowloris
bidirectional_mean_ps <= 445.571 gini = 0.628 samples = 11 value = [2, 0, 0, 0, 6, 0, 0, 0, 0, 0, 1, 2, 0, 0 0] class = DoS Hulk
gini = 0.0 samples = 605 value = [0, 0, 0, 0, 0, 0, 0, 605, 0, 0, 0, 0, 0, 0 0] class = FTP-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 = 591 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 591, 0, 0, 0 0] class = PortScan
dst2src_stddev_ps <= 1319.868 gini = 0.869 samples = 4283 value = [575, 602, 0, 586, 571, 577, 605, 6, 10, 12, 13 570, 120, 4, 32] class = DoS slowloris
bidirectional_mean_ps <= 462.019 gini = 0.062 samples = 594 value = [19, 0, 575, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DDoS
bidirectional_max_piat_ms <= 52.0 gini = 0.64 samples = 5 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 2, 0, 0 0] class = BENIGN
gini = 0.0 samples = 6 value = [0, 0, 0, 0, 6, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Hulk
src2dst_last_seen_ms <= 457968038.0 gini = 0.828 samples = 3171 value = [573, 602, 0, 62, 2, 575, 605, 6, 10, 12, 7, 570 117, 3, 27] class = DoS slowloris
dst2src_first_seen_ms <= 319935891.0 gini = 0.516 samples = 1112 value = [2, 0, 0, 524, 569, 2, 0, 0, 0, 0, 6, 0, 3, 1 5] class = DoS Hulk
gini = 0.0 samples = 19 value = [19, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = 0.0 samples = 575 value = [0, 0, 575, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DDoS
gini = 0.0 samples = 2 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2, 0, 0 0] class = SSH-Patator
src2dst_mean_piat_ms <= 500.0 gini = 0.444 samples = 3 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0 0] class = BENIGN
src2dst_max_ps <= 701.5 gini = 0.792 samples = 2486 value = [496, 1, 0, 62, 2, 575, 605, 6, 10, 12, 0, 570 117, 3, 27] class = DoS slowloris
dst2src_mean_ps <= 95.5 gini = 0.217 samples = 685 value = [77, 601, 0, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0 0] class = Bot
dst2src_stddev_piat_ms <= 0.447 gini = 0.007 samples = 571 value = [0, 0, 0, 0, 569, 2, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Hulk
dst2src_last_seen_ms <= 360294257.0 gini = 0.062 samples = 541 value = [2, 0, 0, 524, 0, 0, 0, 0, 0, 0, 6, 0, 3, 1 5] class = DoS GoldenEye
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 = 1 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0, 0, 0 0] class = PortScan
dst2src_first_seen_ms <= 316769657.5 gini = 0.731 samples = 1854 value = [459, 1, 0, 61, 0, 575, 605, 6, 0, 0, 0, 0, 117 3, 27] class = DoS slowloris
src2dst_max_ps <= 708.5 gini = 0.183 samples = 632 value = [37, 0, 0, 1, 2, 0, 0, 0, 10, 12, 0, 570, 0 0, 0] class = SSH-Patator
bidirectional_mean_ps <= 86.601 gini = 0.042 samples = 614 value = [6, 601, 0, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0 0] class = Bot
gini = 0.0 samples = 71 value = [71, 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 = 569 value = [0, 0, 0, 0, 569, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Hulk
gini = 0.0 samples = 524 value = [0, 0, 0, 524, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
src2dst_mean_ps <= 87.924 gini = 0.74 samples = 17 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 6, 0, 3, 1 5] class = PortScan
src2dst_first_seen_ms <= 315270212.0 gini = 0.436 samples = 883 value = [272, 0, 0, 0, 0, 0, 605, 6, 0, 0, 0, 0, 0, 0 0] class = DoS slowloris
src2dst_first_seen_ms <= 318418088.5 gini = 0.593 samples = 971 value = [187, 1, 0, 61, 0, 575, 0, 0, 0, 0, 0, 0, 117 3, 27] class = DoS Slowhttptest
gini = 0.0 samples = 567 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 567, 0, 0 0] class = SSH-Patator
dst2src_stddev_ps <= 23.008 gini = 0.615 samples = 65 value = [37, 0, 0, 1, 2, 0, 0, 0, 10, 12, 0, 3, 0, 0 0] class = BENIGN
bidirectional_max_piat_ms <= 144.0 gini = 0.497 samples = 13 value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0 0] class = PortScan
gini = 0.0 samples = 601 value = [0, 601, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = Bot
gini = 0.0 samples = 6 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 6, 0, 0, 0 0] class = PortScan
dst2src_stddev_ps <= 1987.565 gini = 0.678 samples = 11 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 1 5] class = Web Attack - XSS
bidirectional_rst_packets <= 1.5 gini = 0.044 samples = 267 value = [261, 0, 0, 0, 0, 0, 0, 6, 0, 0, 0, 0, 0, 0 0] class = BENIGN
src2dst_psh_packets <= 0.5 gini = 0.035 samples = 616 value = [11, 0, 0, 0, 0, 0, 605, 0, 0, 0, 0, 0, 0, 0 0] class = DoS slowloris
bidirectional_psh_packets <= 0.5 gini = 0.027 samples = 583 value = [8, 0, 0, 0, 0, 575, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Slowhttptest
src2dst_mean_ps <= 138.15 gini = 0.667 samples = 388 value = [179, 1, 0, 61, 0, 0, 0, 0, 0, 0, 0, 0, 117 3, 27] class = BENIGN
src2dst_min_ps <= 63.0 gini = 0.537 samples = 23 value = [0, 0, 0, 1, 0, 0, 0, 0, 10, 12, 0, 0, 0, 0 0] class = Infiltration
bidirectional_stddev_ps <= 1251.058 gini = 0.217 samples = 42 value = [37, 0, 0, 0, 2, 0, 0, 0, 0, 0, 0, 3, 0, 0 0] class = BENIGN
gini = 0.0 samples = 7 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 7, 0, 0, 0 0] class = PortScan
gini = 0.0 samples = 6 value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
src2dst_max_piat_ms <= 4983.5 gini = 0.611 samples = 6 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 1 0] class = Web Attack - Brute Force
gini = 0.0 samples = 5 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 5] class = Web Attack - XSS
gini = 0.0 samples = 256 value = [256, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
bidirectional_max_ps <= 317.5 gini = 0.496 samples = 11 value = [5, 0, 0, 0, 0, 0, 0, 6, 0, 0, 0, 0, 0, 0 0] class = FTP-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_psh_packets <= 1.5 gini = 0.01 samples = 608 value = [3, 0, 0, 0, 0, 0, 605, 0, 0, 0, 0, 0, 0, 0 0] class = DoS slowloris
gini = 0.0 samples = 6 value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_duration_ms <= 111893.0 gini = 0.007 samples = 577 value = [2, 0, 0, 0, 0, 575, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS Slowhttptest
dst2src_stddev_ps <= 945.353 gini = 0.161 samples = 184 value = [168, 1, 0, 14, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0 0] class = BENIGN
src2dst_fin_packets <= 0.5 gini = 0.603 samples = 204 value = [11, 0, 0, 47, 0, 0, 0, 0, 0, 0, 0, 0, 116, 3 27] class = Web Attack - Brute Force
gini = 0.0 samples = 12 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 12, 0, 0, 0, 0 0] class = Infiltration
src2dst_last_seen_ms <= 327905633.0 gini = 0.165 samples = 11 value = [0, 0, 0, 1, 0, 0, 0, 0, 10, 0, 0, 0, 0, 0 0] class = Heartbleed
dst2src_mean_ps <= 182.768 gini = 0.139 samples = 40 value = [37, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 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 = 3 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0 0] class = Web Attack - Brute Force
bidirectional_bytes <= 5491.0 gini = 0.444 samples = 3 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1 0] class = BENIGN
gini = 0.0 samples = 6 value = [0, 0, 0, 0, 0, 0, 0, 6, 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 = 605 value = [0, 0, 0, 0, 0, 0, 605, 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
gini = -0.0 samples = 575 value = [0, 0, 0, 0, 0, 575, 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_max_piat_ms <= 10169.5 gini = 0.035 samples = 168 value = [165, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0 0] class = BENIGN
bidirectional_ack_packets <= 25.5 gini = 0.305 samples = 16 value = [3, 0, 0, 13, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
gini = 0.0 samples = 47 value = [0, 0, 0, 47, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
bidirectional_first_seen_ms <= 402807298.0 gini = 0.419 samples = 157 value = [11, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 116, 3 27] class = Web Attack - Brute Force
gini = 0.0 samples = 1 value = [0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
gini = 0.0 samples = 10 value = [0, 0, 0, 0, 0, 0, 0, 0, 10, 0, 0, 0, 0, 0 0] class = Heartbleed
dst2src_mean_ps <= 170.31 gini = 0.444 samples = 9 value = [6, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0 0] class = BENIGN
gini = 0.0 samples = 31 value = [31, 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, 1 0] class = Web Attack - Sql Injection
gini = 0.0 samples = 2 value = [2, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
src2dst_stddev_ps <= 150.848 gini = 0.012 samples = 162 value = [161, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0 0] class = BENIGN
src2dst_bytes <= 728.5 gini = 0.5 samples = 6 value = [4, 1, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
gini = -0.0 samples = 13 value = [0, 0, 0, 13, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
gini = 0.0 samples = 3 value = [3, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
bidirectional_min_ps <= 63.0 gini = 0.017 samples = 117 value = [1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 116, 0 0] class = Web Attack - Brute Force
bidirectional_stddev_ps <= 313.485 gini = 0.476 samples = 40 value = [10, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3 27] class = Web Attack - XSS
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 = 3 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 3, 0, 0 0] class = SSH-Patator
gini = -0.0 samples = 157 value = [157, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = BENIGN
dst2src_duration_ms <= 5635.5 gini = 0.32 samples = 5 value = [4, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 0 0] 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 <= 101.575 gini = 0.5 samples = 2 value = [0, 1, 0, 1, 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 = 116 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 116, 0 0] class = Web Attack - Brute Force
dst2src_min_ps <= 63.0 gini = 0.278 samples = 12 value = [10, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 2 0] class = BENIGN
dst2src_duration_ms <= 5021.0 gini = 0.069 samples = 28 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1 27] class = Web Attack - XSS
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 = 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, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = Bot
gini = 0.0 samples = 1 value = [0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 0] class = DoS GoldenEye
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, 0, 0, 0, 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, 0, 1 0] class = Web Attack - Sql Injection
gini = 0.0 samples = 27 value = [0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0 27] class = Web Attack - XSS