

	variance	skewness	curtosis	entropy	class	Color
1152	-2.48350	-7.449400	6.896400	-0.644840	1	red
740	-2.44730	12.624700	0.735730	-7.661200	0	green
548	1.85330	6.145800	1.017600	-2.040100	0	green
711	1.72570	-4.469700	8.221900	-1.807300	0	green
62	4.25860	11.296200	-4.094300	-4.345700	0	green
1198	-1.78860	-6.348600	5.615400	0.425840	1	red
91	4.06320	3.584000	0.725450	0.394810	0	green
1176	-0.59587	2.481100	-2.867300	-0.898280	1	red
156	2.42260	-4.575200	5.947000	0.215070	0	green
51	5.26200	3.983400	-1.557200	1.010300	0	green
583	2.36780	-6.839000	8.420700	-0.448290	0	green
1163	0.68180	4.850400	-5.213300	-6.104300	1	red
1024	-3.00610	-12.237700	11.955200	-2.160300	1	red
1245	-1.13060	1.845800	-1.357500	-1.380600	1	red
1117	-1.98810	0.999450	-0.285620	-0.700440	1	red
0	3.62160	8.666100	-2.807300	-0.446990	0	green
130	3.26970	-4.341400	3.688400	-0.298290	0	green
835	-0.94255	0.039307	-0.241920	0.315930	1	red
992	-1.47810	0.142770	-1.162200	-0.485790	1	red
972	1.35180	1.059500	-2.343700	0.399980	1	red
371	4.15290	-3.935800	2.863300	-0.017686	0	green
572	5.50400	10.367100	-4.413000	-4.021100	0	green
26	1.14320	-3.741300	5.577700	-0.635780	0	green
1129	-0.40951	-0.155210	0.060545	-0.088807	1	red
414	1.98180	9.262100	-3.521000	-1.872000	0	green
79	1.13170	3.964700	3.397900	0.843510	0	green
1171	-3.85520	3.521900	-0.384150	-3.860800	1	red
518	4.24060	-2.485200	1.608000	0.715500	0	green
507	4.60140	5.626400	-2.123500	0.193090	0	green
1022	-0.66008	-3.226000	3.805800	1.183600	1	red
320	0.51950	-3.263300	3.089500	-0.984900	0	green
937	-2.90200	-7.656300	11.831800	-0.842680	1	red
1130	-2.29180	-7.257000	7.959700	0.921100	1	red
341	-1.18040	11.509300	0.155650	-6.819400	0	green
799	-3.22380	2.793500	0.322740	-0.860780	1	red
1158	-3.32030	-0.026910	2.961800	-0.449580	1	red
218	-0.16735	7.627400	1.206100	-3.624100	0	green
154	1.93580	8.165400	-0.023425	-2.258600	0	green
603	3.76350	2.781100	0.661190	0.341790	0	green
1187	-4.02180	-8.304000	12.555000	-1.509900	1	red
974	-5.03010	7.503200	-0.133960	-7.503400	1	red
367	3.22940	7.739100	-0.378160	-2.540500	0	green
71	4.13730	0.492480	1.093000	1.827600	0	green
1274	-2.55260	-7.362500	6.925500	-0.668110	1	red
95	-0.64472	-4.606200	8.347000	-2.709900	0	green
1282	-1.99830	-6.607200	4.825400	-0.419840	1	red
1157	-5.20490	7.259000	0.070827	-7.300400	1	red
1302	-2.57240	-0.956020	2.707300	-0.166390	1	red
1368	-1.38870	-4.877300	6.477400	0.341790	1	red
229	5.49440	1.547800	0.041694	1.928400	0	green

```
TP: 14
TN: 25
FP: 1
FN: 10
Accuracy: 78%
TPR: 0.583333
TNR: 0.961538
#####
[1.]
[1.]
[0.]
[1.]
[1.]
[1.]
[1.]
[1.]
[1.]
[1.]
[1.]
[1.]
[0.]
[1.]
[0.]
[0.]
[1.]
[0.]
[0.]
[0.]
[0.]
[0.]
#####
TP: 27
TN: 22
FP: 0
FN: 1
Accuracy: 98%
TPR: 0.964286
TNR: 1.000000
#####
When k = 3 [0.]
When k = 5 [0.]
When k = 7 [0.]
When k = 9 [0.]
When k = 11 [0.]
```

```

Class 0
      variance  skewness  curtosis  entropy
count    762.00    762.00    762.00    762.00
mean       2.28     4.26     0.80    -1.15
std        2.02     5.14     3.24     2.13
min       -4.29    -6.93    -4.94    -8.55
25%        0.88     0.45    -1.71    -2.23
50%        2.55     5.67     0.70    -0.55
75%        3.88     8.69     2.65     0.42
max        6.82    12.95     8.83     2.45
Class 1
      variance  skewness  curtosis  entropy
count    762.00    762.00    762.00    762.00
mean       2.28     4.26     0.80    -1.15
std        2.02     5.14     3.24     2.13
min       -4.29    -6.93    -4.94    -8.55
25%        0.88     0.45    -1.71    -2.23
50%        2.55     5.67     0.70    -0.55
75%        3.88     8.69     2.65     0.42
max        6.82    12.95     8.83     2.45
Class All
      variance  skewness  curtosis  entropy  class
count    1372.00  1372.00  1372.00  1372.00  1372.00
mean       0.43     1.92     1.40    -1.19     0.44
std        2.84     5.87     4.31     2.10     0.50
min       -7.04    -13.77    -5.29    -8.55     0.00
25%       -1.77    -1.71    -1.57    -2.41     0.00
50%        0.50     2.32     0.62    -0.59     0.00
75%        2.82     6.81     3.18     0.39     1.00
max        6.82    12.95    17.93     2.45     1.00

```