

```
First 10 rows of dataset:
  variance skewness curtosis entropy class
             8.6661 -2.88738 -8.44699
   4.54598
             8.1674 -2.45860 -1.46210
   3.86600
             -2.6383
                     1.92428 0.10645
   3.45668
             9.5228 -4.01120 -3.59440
  0.32924
            -4.4552
                     4.57180 -0.98880
   4.36848
                     -3.96060 -3.16250
             9.6718
  3.59120
             3.0129
                     0.72888 0.56421
   2.09220
                     8.46360 -0.60216
  3.20320
             5.7588 -0.75345 -0.61251
  1.53560
             9.1772 -2.27180 -0.73535
Feature sample:
  variance skewness curtosis entropy
   3.6216
             8.6661 -2.8073 -0.44699
4.5459
             8.1674 -2.4586 -1.46210
Target sample: 0 0
1 0
Name: class, dtype: int64
--- Activation: relu, Test size: 0.2 ---
Confusion Matrix:
[[148 0]
 [ 0 127]]
Classification Report:
                         recall f1-score support
            precision
          0
                 1.00
                           1.00
                                    1.00
                                              148
                 1.00
                           1.00
                                    1.00
                                               127
   accuracy
                                    1.00
                                               275
  macro avg
                 1.00
                           1.00
                                    1.00
                                              275
                 1.00
                                    1.00
weighted avg
                           1.00
                                               275
--- Activation: logistic, Test size: 0.2 ---
Confusion Matrix:
[[148 0]
 [ 1 126]]
Classification Report:
            precision
                         recall f1-score support
          0
                 0.99
                           1.00
                                    1.00
                                              148
         1
                 1.00
                           0.99
                                    1.00
                                              127
   accuracy
                                    1.00
                                              275
  macro avg
                           1.00
                                    1.00
                                               275
                 1.00
weighted avg
                 1.00
                           1.00
                                    1.00
                                               275
--- Activation: tanh, Test size: 0.2 ---
Confusion Matrix:
[[148 0]
[ 0 127]]
```

```
Classification Report:
                        recall f1-score support
            precision
         0
                 1.00
                          1.00
                                   1.00
                                             148
                          1.00
                                   1.00
                                             127
                 1.00
                                   1.00
                                             275
   accuracy
                 1.00
                          1.08
                                   1.00
                                             275
  macro avg
weighted avg
                 1.00
                          1.00
                                             275
                                   1.00
--- Activation: identity, Test size: 0.2 ---
Confusion Matrix:
[[146 2]
[ 2 125]]
Classification Report:
            precision
                        recall f1-score support
                                   0.99
                                             148
                 0.99
                          0.99
         1
                 0.98
                          0.98
                                   0.98
                                             127
                                   0.99
                                             275
   accuracy
                 0.99
                          0.99
                                   0.99
                                             275
  macro avg
weighted avg
                 0.99
                          0.99
                                   0.99
                                             275
--- Activation: relu, Test size: 0.3 ---
Confusion Matrix:
[[229 0]
[ 0 183]]
```

Classification Report:

TOTAL TEGETO	at technica			
	precision	recall	f1-score	support
0	1.00	1.00	1.00	229
1	1.00	1.00	1.00	183
accuracy			1.00	412
macro avg	1.00	1.00	1.00	412
eighted avg	1.00	1.00	1.00	412

--- Activation: logistic, Test size: 0.3 ---

Confusion Matrix:

[[229 0]

[1 182]]

Classification Report:

support	f1-score	recall	precision	
229	1.00	1.00	1.00	0
183	1.00	0.99	1.00	1
412	1.00			accuracy
412	1.00	1.00	1.00	macro avg
412	1.00	1.00	1.00	eighted avg

```
Classification Report:
            precision
                         recall f1-score support
          0
                 1.00
                           1.00
                                    1.00
                                               229
                 1.00
                           1.00
                                    1.00
                                              183
                                               412
                                    1.00
   accuracy
  macro avg
                 1.00
                           1.00
                                    1.00
                                               412
weighted avg
                 1.00
                           1.00
                                    1.00
                                               412
--- Activation: logistic, Test size: 0.3 ---
Confusion Matrix:
[[229 0]
[ 1 182]]
Classification Report:
            precision
                         recall f1-score support
                                    1.00
                                              229
          0
                 1.00
                           1.00
                 1.00
                           0.99
                                    1.00
                                               183
                                    1.00
                                              412
   accuracy
  macro avg
                 1.00
                           1.00
                                    1.00
                                              412
weighted avg
                 1.00
                           1.00
                                    1.00
                                               412
--- Activation: tanh, Test size: 0.3 ---
Confusion Matrix:
[[229 0]
[ 0 183]]
Classification Report:
            precision
                         recall f1-score support
                                    1.00
                                              229
          0
                 1.00
                           1.00
         1
                 1.00
                           1.00
                                    1.00
                                              183
   accuracy
                                    1.00
                                               412
                 1.00
                           1.00
                                    1.00
                                               412
  macro avg
weighted avg
                 1.00
                           1.00
                                    1.00
                                               412
--- Activation: identity, Test size: 0.3 ---
Confusion Matrix:
[[226 3]
[ 2 181]]
Classification Report:
            precision
                         recall f1-score support
                                              229
          0
                 0.99
                           0.99
                                    0.99
                 0.98
                           0.99
                                    0.99
                                               183
                                    0.99
                                               412
   accuracy
                 0.99
                           0.99
                                    0.99
                                               412
  macro avg
weighted avg
                 0.99
                           0.99
                                    0.99
                                               412
```

[0 183]]