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1 C:\Anaconda\envs\xai\python.exe C:/Users/chai9/Desktop/XAI/xai-series-master/
  DeepShap.py
2 Using device: cuda
3 GPU Name: NVIDIA GeForce RTX 3060 Laptop GPU
4 Epoch [10/50], Loss: 0.6667
5 Epoch [20/50], Loss: 0.6270
6 Epoch [30/50], Loss: 0.5789
7 Epoch [40/50], Loss: 0.5285
8 Epoch [50/50], Loss: 0.4868
9
10 Confusion Matrix:
11 [[733 239]
12  [ 16  34]]
13 Recall (Finding Strokes): 0.68
14 Precision (Trustworthiness): 0.12454212454212454
15 F1 Score: 0.5311783234961314
16 Accuracy: 0.7504892367906066
17
18 Local Shap Explainer selected index: [78, 433, 251, 19, 642, 701, 687, 76, 378, 584
  , 94, 382]
19
20 --- Explaining Sample Index 78 (TP) ---
21 Actual: 1, Predicted: 1
22
23 --- Explaining Sample Index 433 (TP) ---
24 Actual: 1, Predicted: 1
25
26 --- Explaining Sample Index 251 (FN) ---
27 Actual: 1, Predicted: 0
28
29 --- Explaining Sample Index 19 (TN) ---
30 Actual: 0, Predicted: 0
31
32 --- Explaining Sample Index 642 (TN) ---
33 Actual: 0, Predicted: 0
34
35 --- Explaining Sample Index 701 (FP) ---
36 Actual: 0, Predicted: 1
37
38 --- Explaining Sample Index 687 (FP) ---
39 Actual: 0, Predicted: 1
40
41 --- Explaining Sample Index 76 (FP) ---
42 Actual: 0, Predicted: 1
43
44 --- Explaining Sample Index 378 (FP) ---
45 Actual: 0, Predicted: 1
46
47 --- Explaining Sample Index 584 (FN) ---
48 Actual: 1, Predicted: 0
49
50 --- Explaining Sample Index 94 (TP) ---
51 Actual: 1, Predicted: 1
52
53 --- Explaining Sample Index 382 (TP) ---
54 Actual: 1, Predicted: 1
55
56 Process finished with exit code 0
57
```