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1 C:\Users\J\Desktop\Major\venv\Scripts\python.exe C:\
  Users\J\Desktop\Major\LSTM+Xception_Modified.py
2 C:\Users\J\Desktop\Major\venv\lib\site-packages\PIL\
  Image.py:996: UserWarning: Palette images with
  Transparency expressed in bytes should be converted
  to RGBA images
3   warnings.warn(
4 (None, 2)
5 (None, 2)
6 Epoch 1/30
7 213/213 [=====] - 2021s 9s/
  step - loss: 0.6628 - accuracy: 0.6129 - val_loss: 0.
  6392 - val_accuracy: 0.6290
8 Epoch 2/30
9 213/213 [=====] - 1969s 9s/
  step - loss: 0.5954 - accuracy: 0.7052 - val_loss: 0.
  5984 - val_accuracy: 0.6884
10 Epoch 3/30
11 213/213 [=====] - 1947s 9s/
  step - loss: 0.5424 - accuracy: 0.7647 - val_loss: 0.
  5840 - val_accuracy: 0.7027
12 Epoch 4/30
13 213/213 [=====] - 1958s 9s/
  step - loss: 0.4888 - accuracy: 0.8012 - val_loss: 0.
  5628 - val_accuracy: 0.7242
14 Epoch 5/30
15 213/213 [=====] - 1963s 9s/
  step - loss: 0.4427 - accuracy: 0.8321 - val_loss: 0.
  5553 - val_accuracy: 0.7108
16 Epoch 6/30
17 213/213 [=====] - 1991s 9s/
  step - loss: 0.4107 - accuracy: 0.8566 - val_loss: 0.
  5574 - val_accuracy: 0.7126
18 Epoch 7/30
19 213/213 [=====] - 2011s 9s/
  step - loss: 0.3800 - accuracy: 0.8688 - val_loss: 0.
  5768 - val_accuracy: 0.7094
20 Epoch 8/30
21 213/213 [=====] - 2009s 9s/
  step - loss: 0.3563 - accuracy: 0.8713 - val_loss: 0.
  6140 - val_accuracy: 0.6933
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22 Epoch 9/30
23 213/213 [=====] - 1986s 9s/
    step - loss: 0.3291 - accuracy: 0.8807 - val_loss: 0.
    5815 - val_accuracy: 0.7090
24 Epoch 10/30
25 213/213 [=====] - 1978s 9s/
    step - loss: 0.2978 - accuracy: 0.8909 - val_loss: 0.
    6362 - val_accuracy: 0.7005
26 Epoch 11/30
27 213/213 [=====] - 2090s 10s/
    step - loss: 0.2747 - accuracy: 0.8979 - val_loss: 0.
    6883 - val_accuracy: 0.6924
28 Epoch 12/30
29 213/213 [=====] - 2160s 10s/
    step - loss: 0.2527 - accuracy: 0.9030 - val_loss: 0.
    6703 - val_accuracy: 0.6978
30 Epoch 13/30
31 213/213 [=====] - 2154s 10s/
    step - loss: 0.2399 - accuracy: 0.9085 - val_loss: 0.
    7416 - val_accuracy: 0.6822
32 Epoch 14/30
33 213/213 [=====] - 2161s 10s/
    step - loss: 0.2131 - accuracy: 0.9127 - val_loss: 0.
    6751 - val_accuracy: 0.6916
34 Epoch 15/30
35 213/213 [=====] - 2141s 10s/
    step - loss: 0.1804 - accuracy: 0.9221 - val_loss: 0.
    6692 - val_accuracy: 0.6924
36 Epoch 16/30
37 213/213 [=====] - 2161s 10s/
    step - loss: 0.1625 - accuracy: 0.9289 - val_loss: 0.
    7070 - val_accuracy: 0.6884
38 Epoch 17/30
39 213/213 [=====] - 2143s 10s/
    step - loss: 0.1423 - accuracy: 0.9400 - val_loss: 0.
    7220 - val_accuracy: 0.6920
40 Epoch 18/30
41 213/213 [=====] - 2132s 10s/
    step - loss: 0.1311 - accuracy: 0.9486 - val_loss: 0.
    7829 - val_accuracy: 0.6902
42 Epoch 19/30
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43 213/213 [=====] - 2162s 10s/  
    step - loss: 0.1124 - accuracy: 0.9581 - val_loss: 0.  
    7681 - val_accuracy: 0.6942  
44 Epoch 20/30  
45 213/213 [=====] - 2115s 10s/  
    step - loss: 0.1004 - accuracy: 0.9663 - val_loss: 0.  
    7774 - val_accuracy: 0.7050  
46 Epoch 21/30  
47 213/213 [=====] - 2120s 10s/  
    step - loss: 0.0857 - accuracy: 0.9744 - val_loss: 0.  
    8268 - val_accuracy: 0.7014  
48 Epoch 22/30  
49 213/213 [=====] - 2132s 10s/  
    step - loss: 0.0796 - accuracy: 0.9755 - val_loss: 0.  
    8080 - val_accuracy: 0.6938  
50 Epoch 23/30  
51 213/213 [=====] - 2121s 10s/  
    step - loss: 0.0696 - accuracy: 0.9802 - val_loss: 0.  
    8439 - val_accuracy: 0.6911  
52 Epoch 24/30  
53 213/213 [=====] - 2132s 10s/  
    step - loss: 0.0557 - accuracy: 0.9827 - val_loss: 0.  
    8962 - val_accuracy: 0.6857  
54 Epoch 25/30  
55 213/213 [=====] - 2124s 10s/  
    step - loss: 0.0554 - accuracy: 0.9838 - val_loss: 0.  
    9115 - val_accuracy: 0.6781  
56 Epoch 26/30  
57 213/213 [=====] - 2142s 10s/  
    step - loss: 0.0526 - accuracy: 0.9849 - val_loss: 0.  
    8979 - val_accuracy: 0.6916  
58 Epoch 27/30  
59 213/213 [=====] - 2147s 10s/  
    step - loss: 0.0480 - accuracy: 0.9864 - val_loss: 0.  
    9499 - val_accuracy: 0.6862  
60 Epoch 28/30  
61 213/213 [=====] - 2167s 10s/  
    step - loss: 0.0399 - accuracy: 0.9884 - val_loss: 0.  
    9900 - val_accuracy: 0.6907  
62 Epoch 29/30  
63 213/213 [=====] - 2206s 10s/
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63 step - loss: 0.0366 - accuracy: 0.9895 - val_loss: 0
    .9807 - val_accuracy: 0.6898
64 Epoch 30/30
65 213/213 [=====] - 2229s 10s
    /step - loss: 0.0388 - accuracy: 0.9883 - val_loss:
    1.1809 - val_accuracy: 0.6299
66 70/70 [=====] - 79s 896ms/
    step
67 Accuracy: 64.64%
68 Precision: 66.56%
69 F1 Score: 65.09%
70
    precision    recall  f1-score
    support
71
72      0      0.75      0.64      0.69
    1373
73      1      0.53      0.66      0.59
    864
74
75      accuracy                0.65
    2237
76      macro avg      0.64      0.65      0.64
    2237
77      weighted avg      0.67      0.65      0.65
    2237
78
79
80 Process finished with exit code 0
81

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