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1 D:\DeepFake\pythonProject1\.venv\Scripts\python.exe D
:\DeepFake\pythonProject1\Main\no_aug.py
2 2025-10-08 09:41:13.304891: I tensorflow/core/util/
port.cc:153] oneDNN custom operations are on. You may
see slightly different numerical results due to
floating-point round-off errors from different
computation orders. To turn them off, set the
environment variable `TF_ENABLE_ONEDNN_OPTS=0`.
3 2025-10-08 09:41:16.819260: I tensorflow/core/util/
port.cc:153] oneDNN custom operations are on. You may
see slightly different numerical results due to
floating-point round-off errors from different
computation orders. To turn them off, set the
environment variable `TF_ENABLE_ONEDNN_OPTS=0`.
4 Using TensorFlow 2.19.0
5 Config: {
6   "model_name": "resnet50",
7   "data_dir": "D:/DeepFake/pythonProject1/Frames/FF/
FF 224",
8   "epochs": 20,
9   "batch_size": 32,
10  "seed": 42,
11  "base_trainable_at": null,
12  "warmup_epochs": 3,
13  "learning_rate": 0.001,
14  "fine_tune_lr": 0.0001,
15  "use_class_weights": false,
16  "mixed_precision": false,
17  "output_dir": "D:/DeepFake/pythonProject1/Main/FF/
resnet50_no_aug"
18 }
19 Found 60796 images belonging to 2 classes.
20 Found 13032 images belonging to 2 classes.
21 Found 13030 images belonging to 2 classes.
22 2025-10-08 09:41:27.741325: I tensorflow/core/
platform/cpu_feature_guard.cc:210] This TensorFlow
binary is optimized to use available CPU instructions
in performance-critical operations.
23 To enable the following instructions: SSE3 SSE4.1
SSE4.2 AVX AVX2 AVX_VNNI FMA, in other operations,
rebuild TensorFlow with the appropriate compiler
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23 flags.
24 D:\DeepFake\pythonProject1\.venv\Lib\site-packages\
keras\src\trainers\data_adapters\py_dataset_adapter.
py:121: UserWarning: Your `PyDataset` class should
call `super().__init__(**kwargs)` in its constructor
. `**kwargs` can include `workers`, `
use_multiprocessing`, `max_queue_size`. Do not pass
these arguments to `fit()`, as they will be ignored.
25 self._warn_if_super_not_called()
26 Epoch 1/3
27 1900/1900 _____ 0s 851ms/step -
accuracy: 0.8557 - loss: 0.4563
28 Epoch 1: val_accuracy improved from -inf to 0.87730,
saving model to D:/DeepFake/pythonProject1/Main/FF/
resnet50_no_aug\best_warmup.keras
29 1900/1900 _____ 1981s 1s/step -
accuracy: 0.8557 - loss: 0.4563 - val_accuracy: 0.
8773 - val_loss: 0.3738 - learning_rate: 0.0010
30 Epoch 2/3
31 1900/1900 _____ 0s 920ms/step -
accuracy: 0.8674 - loss: 0.4103
32 Epoch 2: val_accuracy improved from 0.87730 to 0.
87799, saving model to D:/DeepFake/pythonProject1/
Main/FF/resnet50_no_aug\best_warmup.keras
33 1900/1900 _____ 2113s 1s/step -
accuracy: 0.8674 - loss: 0.4103 - val_accuracy: 0.
8780 - val_loss: 0.3670 - learning_rate: 0.0010
34 Epoch 3/3
35 1900/1900 _____ 0s 906ms/step -
accuracy: 0.8687 - loss: 0.4024
36 Epoch 3: val_accuracy improved from 0.87799 to 0.
88022, saving model to D:/DeepFake/pythonProject1/
Main/FF/resnet50_no_aug\best_warmup.keras
37 1900/1900 _____ 2090s 1s/step -
accuracy: 0.8687 - loss: 0.4024 - val_accuracy: 0.
8802 - val_loss: 0.3680 - learning_rate: 0.0010
38 Saved final model to: D:/DeepFake/pythonProject1/Main
/FF/resnet50_no_aug\resnet50.keras
39 Evaluating on test set...
40 408/408 _____ 374s 917ms/step -
accuracy: 0.9917 - loss: 0.1010
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41 Test accuracy: 0.8616 | Test loss: 0.3706
42 408/408 ----- 332s 810ms/step
43           df precision: 0.86 recall: 0.98 f1-
   score: 0.92 support: 11428.0
44           real precision: 0.93 recall: 0.02 f1-
   score: 0.05 support: 1602.0
45           accuracy: 0.86
46           macro avg precision: 0.90 recall: 0.50 f1-
   score: 0.49 support: 13030.0
47           weighted avg precision: 0.87 recall: 0.86 f1-
   score: 0.81 support: 13030.0
48 Confusion Matrix:
49 [[11425    3]
50 [ 1540    62]]
51
52 Process finished with exit code 0
53
```