```
Epoch 1/75
282/282 - 7s - loss: 1.9295 - accuracy: 0.3267 - val_loss: 2.0943 -
val_accuracy: 0.3740 - lr: 0.0010 - 7s/epoch - 25ms/step
Epoch 2/75
282/282 - 5s - loss: 1.5813 - accuracy: 0.4316 - val_loss: 1.4225 -
val_accuracy: 0.4880 - lr: 0.0010 - 5s/epoch - 19ms/step
Epoch 3/75
282/282 - 5s - loss: 1.4708 - accuracy: 0.4729 - val_loss: 1.8146 -
val_accuracy: 0.3940 - lr: 0.0010 - 5s/epoch - 17ms/step
Epoch 4/75
282/282 - 5s - loss: 1.3933 - accuracy: 0.4988 - val_loss: 1.4163 -
val_accuracy: 0.4700 - lr: 0.0010 - 5s/epoch - 17ms/step
Epoch 5/75
282/282 - 5s - loss: 1.3493 - accuracy: 0.5066 - val_loss: 1.3961 -
val_accuracy: 0.4990 - lr: 0.0010 - 5s/epoch - 17ms/step
Epoch 6/75
282/282 - 5s - loss: 1.2902 - accuracy: 0.5353 - val_loss: 1.2640 -
val_accuracy: 0.5300 - lr: 0.0010 - 5s/epoch - 17ms/step
Epoch 7/75
282/282 - 5s - loss: 1.2813 - accuracy: 0.5468 - val_loss: 1.3287 -
val_accuracy: 0.4900 - lr: 0.0010 - 5s/epoch - 18ms/step
Epoch 8/75
282/282 - 5s - loss: 1.2595 - accuracy: 0.5498 - val_loss: 1.4269 -
val_accuracy: 0.4920 - lr: 0.0010 - 5s/epoch - 18ms/step
Epoch 9/75
282/282 - 5s - loss: 1.2616 - accuracy: 0.5489 - val_loss: 1.5179 -
val_accuracy: 0.5060 - lr: 0.0010 - 5s/epoch - 18ms/step
Epoch 10/75
282/282 - 5s - loss: 1.2445 - accuracy: 0.5528 - val_loss: 1.5685 -
val_accuracy: 0.4770 - lr: 0.0010 - 5s/epoch - 17ms/step
Epoch 11/75
282/282 - 5s - loss: 1.1841 - accuracy: 0.5769 - val_loss: 1.2574 -
val_accuracy: 0.5360 - lr: 0.0010 - 5s/epoch - 17ms/step
Epoch 12/75
282/282 - 5s - loss: 1.1549 - accuracy: 0.5888 - val_loss: 1.1970 -
val_accuracy: 0.5780 - lr: 0.0010 - 5s/epoch - 17ms/step
Epoch 13/75
282/282 - 5s - loss: 1.1238 - accuracy: 0.6004 - val_loss: 1.3328 -
val_accuracy: 0.5320 - lr: 0.0010 - 5s/epoch - 16ms/step
Epoch 14/75
282/282 - 5s - loss: 1.0976 - accuracy: 0.6123 - val_loss: 1.4639 -
val_accuracy: 0.4890 - lr: 0.0010 - 5s/epoch - 17ms/step
Epoch 15/75
282/282 - 5s - loss: 1.0545 - accuracy: 0.6223 - val_loss: 1.0513 -
val_accuracy: 0.6350 - lr: 0.0010 - 5s/epoch - 16ms/step
Epoch 16/75
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282/282 - 5s - loss: 1.0212 - accuracy: 0.6432 - val_loss: 1.3306 -
val_accuracy: 0.5350 - lr: 0.0010 - 5s/epoch - 17ms/step
Epoch 17/75
282/282 - 5s - loss: 1.0216 - accuracy: 0.6388 - val_loss: 1.3739 -
val_accuracy: 0.5240 - lr: 0.0010 - 5s/epoch - 17ms/step
Epoch 18/75
282/282 - 5s - loss: 1.0649 - accuracy: 0.6224 - val_loss: 1.5882 -
val_accuracy: 0.4720 - lr: 0.0010 - 5s/epoch - 17ms/step
Epoch 19/75
282/282 - 5s - loss: 1.1468 - accuracy: 0.5897 - val_loss: 1.8094 -
val_accuracy: 0.4170 - lr: 0.0010 - 5s/epoch - 17ms/step
Epoch 20/75
282/282 - 5s - loss: 1.0373 - accuracy: 0.6342 - val_loss: 1.1440 -
val_accuracy: 0.5920 - lr: 0.0010 - 5s/epoch - 17ms/step
Epoch 21/75
282/282 - 5s - loss: 0.9990 - accuracy: 0.6440 - val_loss: 1.1413 -
val_accuracy: 0.5850 - lr: 0.0010 - 5s/epoch - 17ms/step
Epoch 22/75
282/282 - 5s - loss: 0.9486 - accuracy: 0.6643 - val_loss: 1.0996 -
val_accuracy: 0.6340 - lr: 0.0010 - 5s/epoch - 17ms/step
Epoch 23/75
282/282 - 5s - loss: 0.8832 - accuracy: 0.6898 - val_loss: 0.8784 -
val_accuracy: 0.6930 - lr: 5.0000e-05 - 5s/epoch - 17ms/step
Epoch 24/75
282/282 - 5s - loss: 0.8484 - accuracy: 0.7066 - val_loss: 0.8534 -
val_accuracy: 0.7000 - lr: 5.0000e-05 - 5s/epoch - 16ms/step
Epoch 25/75
282/282 - 5s - loss: 0.8265 - accuracy: 0.7130 - val_loss: 0.8490 -
val_accuracy: 0.7060 - lr: 5.0000e-05 - 5s/epoch - 16ms/step
Epoch 26/75
282/282 - 5s - loss: 0.8134 - accuracy: 0.7123 - val_loss: 0.8377 -
val_accuracy: 0.7080 - lr: 5.0000e-05 - 5s/epoch - 17ms/step
Epoch 27/75
282/282 - 5s - loss: 0.8038 - accuracy: 0.7159 - val_loss: 0.8290 -
val_accuracy: 0.7090 - lr: 5.0000e-05 - 5s/epoch - 16ms/step
Epoch 28/75
282/282 - 5s - loss: 0.8125 - accuracy: 0.7148 - val_loss: 0.8343 -
val_accuracy: 0.7160 - lr: 5.0000e-05 - 5s/epoch - 17ms/step
Epoch 29/75
282/282 - 5s - loss: 0.8010 - accuracy: 0.7223 - val_loss: 0.8254 -
val_accuracy: 0.7190 - lr: 5.0000e-05 - 5s/epoch - 17ms/step
Epoch 30/75
282/282 - 5s - loss: 0.7998 - accuracy: 0.7211 - val_loss: 0.8220 -
val_accuracy: 0.7240 - lr: 5.0000e-05 - 5s/epoch - 17ms/step
Epoch 31/75
282/282 - 5s - loss: 0.7855 - accuracy: 0.7241 - val_loss: 0.8252 -
val_accuracy: 0.7210 - lr: 5.0000e-05 - 5s/epoch - 18ms/step
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Epoch 32/75
282/282 - 5s - loss: 0.7768 - accuracy: 0.7253 - val_loss: 0.8203 -
val_accuracy: 0.7210 - lr: 5.0000e-05 - 5s/epoch - 17ms/step
Epoch 33/75
282/282 - 5s - loss: 0.7728 - accuracy: 0.7278 - val_loss: 0.8125 -
val_accuracy: 0.7190 - lr: 5.0000e-05 - 5s/epoch - 18ms/step
Epoch 34/75
282/282 - 5s - loss: 0.7661 - accuracy: 0.7311 - val_loss: 0.8046 -
val_accuracy: 0.7220 - lr: 5.0000e-05 - 5s/epoch - 17ms/step
Epoch 35/75
282/282 - 5s - loss: 0.7687 - accuracy: 0.7290 - val_loss: 0.8029 -
val_accuracy: 0.7160 - lr: 5.0000e-05 - 5s/epoch - 17ms/step
Epoch 36/75
282/282 - 5s - loss: 0.7592 - accuracy: 0.7302 - val_loss: 0.8012 -
val_accuracy: 0.7190 - lr: 5.0000e-05 - 5s/epoch - 18ms/step
Epoch 37/75
282/282 - 5s - loss: 0.7550 - accuracy: 0.7363 - val_loss: 0.8045 -
val_accuracy: 0.7240 - lr: 5.0000e-05 - 5s/epoch - 17ms/step
Epoch 38/75
282/282 - 5s - loss: 0.7435 - accuracy: 0.7406 - val_loss: 0.7982 -
val_accuracy: 0.7200 - lr: 2.5000e-06 - 5s/epoch - 17ms/step
Epoch 39/75
282/282 - 5s - loss: 0.7426 - accuracy: 0.7370 - val_loss: 0.7956 -
val_accuracy: 0.7250 - lr: 2.5000e-06 - 5s/epoch - 18ms/step
Epoch 40/75
282/282 - 5s - loss: 0.7508 - accuracy: 0.7409 - val_loss: 0.7972 -
val_accuracy: 0.7220 - lr: 2.5000e-06 - 5s/epoch - 17ms/step
Epoch 41/75
282/282 - 5s - loss: 0.7454 - accuracy: 0.7397 - val_loss: 0.7974 -
val_accuracy: 0.7230 - lr: 2.5000e-06 - 5s/epoch - 17ms/step
Epoch 42/75
282/282 - 5s - loss: 0.7557 - accuracy: 0.7370 - val_loss: 0.7987 -
val_accuracy: 0.7250 - lr: 2.5000e-06 - 5s/epoch - 17ms/step
Epoch 43/75
282/282 - 5s - loss: 0.7458 - accuracy: 0.7404 - val_loss: 0.7966 -
val_accuracy: 0.7190 - lr: 2.5000e-06 - 5s/epoch - 17ms/step
Epoch 44/75
282/282 - 5s - loss: 0.7486 - accuracy: 0.7362 - val_loss: 0.7961 -
val_accuracy: 0.7220 - lr: 2.5000e-06 - 5s/epoch - 17ms/step
Epoch 45/75
282/282 - 5s - loss: 0.7377 - accuracy: 0.7429 - val_loss: 0.7971 -
val_accuracy: 0.7260 - lr: 2.5000e-06 - 5s/epoch - 17ms/step
Epoch 46/75
282/282 - 5s - loss: 0.7485 - accuracy: 0.7406 - val_loss: 0.7958 -
val_accuracy: 0.7260 - lr: 2.5000e-06 - 5s/epoch - 17ms/step
Epoch 47/75
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282/282 - 5s - loss: 0.7462 - accuracy: 0.7447 - val_loss: 0.7963 -
val_accuracy: 0.7220 - lr: 2.5000e-06 - 5s/epoch - 17ms/step
Epoch 48/75
282/282 - 5s - loss: 0.7382 - accuracy: 0.7401 - val_loss: 0.7976 -
val_accuracy: 0.7240 - lr: 2.5000e-06 - 5s/epoch - 17ms/step
Epoch 49/75
282/282 - 4s - loss: 0.7323 - accuracy: 0.7464 - val_loss: 0.7953 -
val_accuracy: 0.7260 - lr: 2.5000e-06 - 4s/epoch - 16ms/step
Epoch 50/75
282/282 - 5s - loss: 0.7365 - accuracy: 0.7453 - val_loss: 0.7943 -
val_accuracy: 0.7220 - lr: 2.5000e-06 - 5s/epoch - 16ms/step
Epoch 51/75
282/282 - 5s - loss: 0.7297 - accuracy: 0.7453 - val_loss: 0.7957 -
val_accuracy: 0.7240 - lr: 2.5000e-06 - 5s/epoch - 16ms/step
Epoch 52/75
282/282 - 5s - loss: 0.7401 - accuracy: 0.7418 - val_loss: 0.7941 -
val_accuracy: 0.7250 - lr: 2.5000e-06 - 5s/epoch - 17ms/step
Epoch 53/75
282/282 - 5s - loss: 0.7491 - accuracy: 0.7389 - val_loss: 0.7953 -
val_accuracy: 0.7260 - lr: 1.2500e-07 - 5s/epoch - 17ms/step
Epoch 54/75
282/282 - 5s - loss: 0.7341 - accuracy: 0.7439 - val_loss: 0.7964 -
val_accuracy: 0.7240 - lr: 1.2500e-07 - 5s/epoch - 17ms/step
Epoch 55/75
282/282 - 5s - loss: 0.7270 - accuracy: 0.7450 - val_loss: 0.7966 -
val_accuracy: 0.7260 - lr: 1.2500e-07 - 5s/epoch - 17ms/step
Epoch 56/75
282/282 - 5s - loss: 0.7328 - accuracy: 0.7443 - val_loss: 0.7970 -
val_accuracy: 0.7250 - lr: 1.2500e-07 - 5s/epoch - 18ms/step
Epoch 57/75
282/282 - 5s - loss: 0.7470 - accuracy: 0.7376 - val_loss: 0.7958 -
val_accuracy: 0.7240 - lr: 1.2500e-07 - 5s/epoch - 18ms/step
Epoch 58/75
282/282 - 5s - loss: 0.7408 - accuracy: 0.7471 - val_loss: 0.7947 -
val_accuracy: 0.7240 - lr: 1.2500e-07 - 5s/epoch - 18ms/step
Epoch 59/75
282/282 - 5s - loss: 0.7527 - accuracy: 0.7357 - val_loss: 0.7974 -
val_accuracy: 0.7250 - lr: 1.2500e-07 - 5s/epoch - 17ms/step
Epoch 60/75
282/282 - 5s - loss: 0.7347 - accuracy: 0.7417 - val_loss: 0.7974 -
val_accuracy: 0.7230 - lr: 6.2500e-09 - 5s/epoch - 17ms/step
Epoch 61/75
282/282 - 5s - loss: 0.7338 - accuracy: 0.7434 - val_loss: 0.7952 -
val_accuracy: 0.7250 - lr: 6.2500e-09 - 5s/epoch - 17ms/step
Epoch 62/75
282/282 - 5s - loss: 0.7424 - accuracy: 0.7449 - val_loss: 0.7956 -
val_accuracy: 0.7240 - lr: 6.2500e-09 - 5s/epoch - 17ms/step
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Epoch 63/75
282/282 - 5s - loss: 0.7276 - accuracy: 0.7487 - val_loss: 0.7952 -
val_accuracy: 0.7270 - lr: 6.2500e-09 - 5s/epoch - 17ms/step
Epoch 64/75
282/282 - 5s - loss: 0.7358 - accuracy: 0.7419 - val_loss: 0.7958 -
val_accuracy: 0.7260 - lr: 6.2500e-09 - 5s/epoch - 16ms/step
Epoch 65/75
282/282 - 5s - loss: 0.7330 - accuracy: 0.7451 - val_loss: 0.7980 -
val_accuracy: 0.7230 - lr: 6.2500e-09 - 5s/epoch - 17ms/step
Epoch 66/75
282/282 - 5s - loss: 0.7457 - accuracy: 0.7344 - val_loss: 0.7959 -
val_accuracy: 0.7250 - lr: 6.2500e-09 - 5s/epoch - 17ms/step
Epoch 67/75
282/282 - 5s - loss: 0.7297 - accuracy: 0.7464 - val_loss: 0.7961 -
val_accuracy: 0.7250 - lr: 6.2500e-09 - 5s/epoch - 17ms/step
Epoch 68/75
282/282 - 5s - loss: 0.7441 - accuracy: 0.7389 - val_loss: 0.7952 -
val_accuracy: 0.7240 - lr: 6.2500e-09 - 5s/epoch - 17ms/step
Epoch 69/75
282/282 - 5s - loss: 0.7439 - accuracy: 0.7417 - val_loss: 0.7942 -
val_accuracy: 0.7220 - lr: 6.2500e-09 - 5s/epoch - 17ms/step
Epoch 70/75
282/282 - 5s - loss: 0.7371 - accuracy: 0.7444 - val_loss: 0.7953 -
val_accuracy: 0.7230 - lr: 6.2500e-09 - 5s/epoch - 17ms/step
Epoch 71/75
282/282 - 5s - loss: 0.7445 - accuracy: 0.7355 - val_loss: 0.7933 -
val_accuracy: 0.7270 - lr: 3.1250e-10 - 5s/epoch - 18ms/step
Epoch 72/75
282/282 - 5s - loss: 0.7364 - accuracy: 0.7420 - val_loss: 0.7990 -
val_accuracy: 0.7240 - lr: 3.1250e-10 - 5s/epoch - 18ms/step
Epoch 73/75
282/282 - 5s - loss: 0.7401 - accuracy: 0.7380 - val_loss: 0.7956 -
val_accuracy: 0.7240 - lr: 3.1250e-10 - 5s/epoch - 18ms/step
Epoch 74/75
282/282 - 5s - loss: 0.7365 - accuracy: 0.7452 - val_loss: 0.7965 -
val_accuracy: 0.7240 - lr: 3.1250e-10 - 5s/epoch - 17ms/step
Epoch 75/75
282/282 - 5s - loss: 0.7399 - accuracy: 0.7389 - val_loss: 0.7974 -
val_accuracy: 0.7270 - lr: 3.1250e-10 - 5s/epoch - 17ms/step
```