

Epoch 1/10
1223/1223 [=====] - 336s 274ms/step - loss: 1.0839 - accuracy: 0.7698 - val_loss: 0.7771 - val_accuracy: 0.8164
Epoch 2/10
1223/1223 [=====] - 307s 251ms/step - loss: 0.3528 - accuracy: 0.9530 - val_loss: 0.5094 - val_accuracy: 0.8870
Epoch 3/10
1223/1223 [=====] - 320s 261ms/step - loss: 0.2850 - accuracy: 0.9674 - val_loss: 0.4614 - val_accuracy: 0.8933
Epoch 4/10
1223/1223 [=====] - 305s 250ms/step - loss: 0.2393 - accuracy: 0.9745 - val_loss: 0.5427 - val_accuracy: 0.8810
Epoch 5/10
1223/1223 [=====] - 306s 250ms/step - loss: 0.2363 - accuracy: 0.9780 - val_loss: 0.2784 - val_accuracy: 0.9509
Epoch 6/10
1223/1223 [=====] - 305s 250ms/step - loss: 0.2217 - accuracy: 0.9789 - val_loss: 0.3626 - val_accuracy: 0.9451
Epoch 7/10
1223/1223 [=====] - 306s 250ms/step - loss: 0.1860 - accuracy: 0.9853 - val_loss: 0.4598 - val_accuracy: 0.9102
Epoch 8/10
1223/1223 [=====] - 304s 249ms/step - loss: 0.1972 - accuracy: 0.9835 - val_loss: 0.3599 - val_accuracy: 0.9435
Epoch 9/10
1223/1223 [=====] - 306s 250ms/step - loss: 0.1743 - accuracy: 0.9876 - val_loss: 0.2454 - val_accuracy: 0.9567
Epoch 10/10
1223/1223 [=====] - 307s 251ms/step - loss: 0.1685 - accuracy: 0.9859 - val_loss: 0.3944 - val_accuracy: 0.9373

Epoch 1/5
1223/1223 [=====] - 320s 262ms/step - loss: 0.1213 - accuracy: 0.9936 - val_loss: 0.2473 - val_accuracy: 0.9465
Epoch 2/5
1223/1223 [=====] - 310s 253ms/step - loss: 0.1570 - accuracy: 0.9875 - val_loss: 0.2248 - val_accuracy: 0.9727
Epoch 3/5
1223/1223 [=====] - 311s 254ms/step - loss: 0.1145 - accuracy: 0.9926 - val_loss: 0.3394 - val_accuracy: 0.9345
Epoch 4/5
1223/1223 [=====] - 319s 260ms/step - loss: 0.1245 - accuracy: 0.9916 - val_loss: 0.2028 - val_accuracy: 0.9507
Epoch 5/5
1223/1223 [=====] - 310s 253ms/step - loss: 0.1094 - accuracy: 0.9912 - val_loss: 0.5102 - val_accuracy: 0.9000

Epoch 1/5
1223/1223 [=====] - 310s 253ms/step - loss: 0.0891 - accuracy: 0.9953 - val_loss: 0.2445 - val_accuracy: 0.9519
Epoch 2/5
1223/1223 [=====] - 309s 253ms/step - loss: 0.1341 - accuracy: 0.9901 - val_loss: 0.2534 - val_accuracy: 0.9581
Epoch 3/5

1223/1223 [=====] - 311s 254ms/step - loss: 0.0692 - accuracy: 0.9972 - val_loss: 0.1403 - val_accuracy: 0.9620

Epoch 4/5

1223/1223 [=====] - 310s 254ms/step - loss: 0.1113 - accuracy: 0.9912 - val_loss: 0.2150 - val_accuracy: 0.9729

Epoch 5/5

1223/1223 [=====] - 310s 254ms/step - loss: 0.0573 - accuracy: 0.9982 - val_loss: 0.1257 - val_accuracy: 0.9667

Epoch 1/5

1223/1223 [=====] - 342s 280ms/step - loss: 0.1217 - accuracy: 0.9896 - val_loss: 0.2685 - val_accuracy: 0.9516

Epoch 2/5

1223/1223 [=====] - 363s 297ms/step - loss: 0.0790 - accuracy: 0.9963 - val_loss: 0.2135 - val_accuracy: 0.9475

Epoch 3/5

1223/1223 [=====] - 341s 278ms/step - loss: 0.0656 - accuracy: 0.9953 - val_loss: 0.2653 - val_accuracy: 0.9514

Epoch 4/5

1223/1223 [=====] - 333s 273ms/step - loss: 0.0860 - accuracy: 0.9951 - val_loss: 0.2055 - val_accuracy: 0.9553

Epoch 5/5

1223/1223 [=====] - 322s 263ms/step - loss: 0.0656 - accuracy: 0.9958 - val_loss: 0.1807 - val_accuracy: 0.9602

Epoch 1/5

1223/1223 [=====] - 326s 266ms/step - loss: 0.0590 - accuracy: 0.9966 - val_loss: 0.2406 - val_accuracy: 0.9470

Epoch 2/5

1223/1223 [=====] - 358s 292ms/step - loss: 0.0804 - accuracy: 0.9948 - val_loss: 0.1648 - val_accuracy: 0.9632

Epoch 3/5

1223/1223 [=====] - 387s 316ms/step - loss: 0.0521 - accuracy: 0.9972 - val_loss: 0.2086 - val_accuracy: 0.9549

Epoch 4/5

1223/1223 [=====] - 327s 267ms/step - loss: 0.0802 - accuracy: 0.9929 - val_loss: 0.1802 - val_accuracy: 0.9669

Epoch 5/5

1223/1223 [=====] - 336s 275ms/step - loss: 0.0520 - accuracy: 0.9985 - val_loss: 0.1158 - val_accuracy: 0.9676

Epoch 1/5

1223/1223 [=====] - 362s 296ms/step - loss: 0.0728 - accuracy: 0.9938 - val_loss: 0.1816 - val_accuracy: 0.9641

Epoch 2/5

1223/1223 [=====] - 367s 300ms/step - loss: 0.0425 - accuracy: 0.9992 - val_loss: 0.0967 - val_accuracy: 0.9720

Epoch 3/5

1223/1223 [=====] - 324s 265ms/step - loss: 0.0696 - accuracy: 0.9945 - val_loss: 0.2103 - val_accuracy: 0.9625

Epoch 4/5

1223/1223 [=====] - 378s 309ms/step - loss: 0.0387 - accuracy: 0.9991 - val_loss: 0.0772 - val_accuracy: 0.9829

Epoch 5/5

1223/1223 [=====] - 326s 267ms/step - loss: 0.
0750 - accuracy: 0.9937 - val_loss: 0.1486 - val_accuracy: 0.9734

Epoch 1/2

1223/1223 [=====] - 332s 271ms/step - loss: 0.
0498 - accuracy: 0.9978 - val_loss: 0.2080 - val_accuracy: 0.9553

Epoch 2/2

1223/1223 [=====] - 374s 306ms/step - loss: 0.
0537 - accuracy: 0.9969 - val_loss: 0.1756 - val_accuracy: 0.9634

1223/1223 [=====] - 336s 275ms/step - loss: 0.
0320 - accuracy: 0.9989 - val_loss: 0.0890 - val_accuracy: 0.9815

1223/1223 [=====] - 336s 274ms/step - loss: 0.
0630 - accuracy: 0.9953 - val_loss: 0.1338 - val_accuracy: 0.9704

1223/1223 [=====] - 332s 272ms/step - loss: 0.
0400 - accuracy: 0.9978 - val_loss: 0.1654 - val_accuracy: 0.9625

1223/1223 [=====] - 336s 275ms/step - loss: 0.
0577 - accuracy: 0.9960 - val_loss: 0.1965 - val_accuracy: 0.9560

1223/1223 [=====] - 361s 296ms/step - loss: 0.
0438 - accuracy: 0.9977 - val_loss: 0.1652 - val_accuracy: 0.9625

1223/1223 [=====] - 369s 302ms/step - loss: 0.
0451 - accuracy: 0.9965 - val_loss: 0.2461 - val_accuracy: 0.9574

1223/1223 [=====] - 334s 273ms/step - loss: 0.
0512 - accuracy: 0.9975 - val_loss: 0.1647 - val_accuracy: 0.9613

1223/1223 [=====] - 331s 271ms/step - loss: 0.
0367 - accuracy: 0.9981 - val_loss: 0.0931 - val_accuracy: 0.9819

1223/1223 [=====] - 333s 272ms/step - loss: 0.
0239 - accuracy: 0.9992 - val_loss: 0.0612 - val_accuracy: 0.9817

Epoch 1/4

1223/1223 [=====] - 335s 274ms/step - loss: 0.
0423 - accuracy: 0.9954 - val_loss: 0.2156 - val_accuracy: 0.9632

Epoch 2/4

1223/1223 [=====] - 332s 271ms/step - loss: 0.
0674 - accuracy: 0.9969 - val_loss: 0.1600 - val_accuracy: 0.9613

Epoch 3/4

1223/1223 [=====] - 331s 271ms/step - loss: 0.
0414 - accuracy: 0.9979 - val_loss: 0.1690 - val_accuracy: 0.9660

Epoch 4/4

1223/1223 [=====] - 331s 271ms/step - loss: 0.
0362 - accuracy: 0.9982 - val_loss: 0.3371 - val_accuracy: 0.9431

Epoch 1/3

1223/1223 [=====] - 337s 276ms/step - loss: 0.
0449 - accuracy: 0.9967 - val_loss: 0.1151 - val_accuracy: 0.9782

Epoch 2/3

1223/1223 [=====] - 337s 275ms/step - loss: 0.
0411 - accuracy: 0.9975 - val_loss: 0.1582 - val_accuracy: 0.9685

Epoch 3/3

1223/1223 [=====] - 334s 273ms/step - loss: 0.
0428 - accuracy: 0.9977 - val_loss: 0.1139 - val_accuracy: 0.9727

1223/1223 [=====] - 335s 274ms/step - loss: 0.
0412 - accuracy: 0.9980 - val_loss: 0.1372 - val_accuracy: 0.9664

1223/1223 [=====] - 339s 277ms/step - loss: 0.
0439 - accuracy: 0.9973 - val_loss: 0.1571 - val_accuracy: 0.9711

Epoch 1/2

1223/1223 [=====] - 363s 297ms/step - loss: 0.
0328 - accuracy: 0.9985 - val_loss: 0.1465 - val_accuracy: 0.9678

Epoch 2/2

1223/1223 [=====] - 365s 298ms/step - loss: 0.
0492 - accuracy: 0.9966 - val_loss: 0.1264 - val_accuracy: 0.9757

Epoch 1/2

1223/1223 [=====] - 385s 315ms/step - loss: 0.
0270 - accuracy: 0.9992 - val_loss: 0.0866 - val_accuracy: 0.9769

Epoch 2/2

1223/1223 [=====] - 414s 338ms/step - loss: 0.
0406 - accuracy: 0.9972 - val_loss: 0.1381 - val_accuracy: 0.9676

1223/1223 [=====] - 355s 290ms/step - loss: 0.
0404 - accuracy: 0.9979 - val_loss: 0.1461 - val_accuracy: 0.9741