

```
Epoch 1/30
15/15 ----- 180s 12s/step - accuracy: 0.0946 - loss: 7.6278 - val_accuracy: 0.1000
- val_loss: 2.2941
Epoch 2/30
15/15 ----- 180s 12s/step - accuracy: 0.1326 - loss: 2.2929 - val_accuracy: 0.2000
- val_loss: 2.2635
Epoch 3/30
15/15 ----- 180s 12s/step - accuracy: 0.1528 - loss: 2.2650 - val_accuracy: 0.3000
- val_loss: 2.2009
Epoch 4/30
15/15 ----- 166s 11s/step - accuracy: 0.2180 - loss: 2.1725 - val_accuracy: 0.2000
- val_loss: 2.1408
Epoch 5/30
15/15 ----- 175s 12s/step - accuracy: 0.2277 - loss: 2.0895 - val_accuracy: 0.4500
- val_loss: 1.9433
Epoch 6/30
15/15 ----- 181s 12s/step - accuracy: 0.3808 - loss: 1.7843 - val_accuracy: 0.3000
- val_loss: 1.8434
Epoch 7/30
15/15 ----- 181s 12s/step - accuracy: 0.4406 - loss: 1.6114 - val_accuracy: 0.5500
- val_loss: 1.5467
Epoch 8/30
15/15 ----- 182s 12s/step - accuracy: 0.5681 - loss: 1.2933 - val_accuracy: 0.6000
- val_loss: 1.4688
Epoch 9/30
15/15 ----- 186s 12s/step - accuracy: 0.6035 - loss: 1.1313 - val_accuracy: 0.6500
- val_loss: 1.6399
Epoch 10/30
15/15 ----- 126s 8s/step - accuracy: 0.6835 - loss: 0.9569 - val_accuracy: 0.6000 -
val_loss: 1.6472
Epoch 11/30
15/15 ----- 86s 6s/step - accuracy: 0.7515 - loss: 0.7238 - val_accuracy: 0.6000 -
val loss: 1.4248
```

Console 3/A X

```
val_loss: 1.4248
Epoch 12/30
15/15 ----- 92s 6s/step - accuracy: 0.7865 - loss: 0.5810 - val_accuracy: 0.6500 -
val_loss: 1.5537
Epoch 13/30
15/15 ----- 94s 6s/step - accuracy: 0.7955 - loss: 0.5615 - val_accuracy: 0.7000 -
val_loss: 1.4121
Epoch 14/30
15/15 ----- 113s 8s/step - accuracy: 0.8274 - loss: 0.4533 - val_accuracy: 0.6000 -
val_loss: 1.3490
Epoch 15/30
15/15 ----- 136s 9s/step - accuracy: 0.8378 - loss: 0.4423 - val_accuracy: 0.6000 -
val_loss: 1.4966
Epoch 16/30
15/15 ----- 140s 9s/step - accuracy: 0.8942 - loss: 0.3943 - val_accuracy: 0.6000 -
val_loss: 1.7097
Epoch 17/30
15/15 ----- 168s 11s/step - accuracy: 0.9149 - loss: 0.3760 - val_accuracy: 0.6500
- val_loss: 1.9156
Epoch 18/30
15/15 ----- 178s 12s/step - accuracy: 0.8983 - loss: 0.3329 - val_accuracy: 0.6000
- val_loss: 2.0284
Epoch 19/30
15/15 ----- 179s 12s/step - accuracy: 0.9337 - loss: 0.2984 - val_accuracy: 0.5500
- val_loss: 1.8223
Epoch 20/30
15/15 ----- 178s 12s/step - accuracy: 0.8396 - loss: 0.4699 - val_accuracy: 0.7000
- val_loss: 1.5752
Epoch 21/30
15/15 ----- 185s 12s/step - accuracy: 0.9204 - loss: 0.2556 - val_accuracy: 0.6500
- val_loss: 1.5233
Epoch 22/30
15/15 ----- 180s 12s/step - accuracy: 0.9551 - loss: 0.1863 - val accuracy: 0.6500
```

```
Epoch 20/30
15/15 ----- 178s 12s/step - accuracy: 0.8396 - loss: 0.4699 - val_accuracy: 0.7000
- val_loss: 1.5752
Epoch 21/30
15/15 ----- 185s 12s/step - accuracy: 0.9204 - loss: 0.2556 - val_accuracy: 0.6500
- val_loss: 1.5233
Epoch 22/30
15/15 ----- 180s 12s/step - accuracy: 0.9551 - loss: 0.1863 - val_accuracy: 0.6500
- val_loss: 2.0202
Epoch 23/30
15/15 ----- 142s 9s/step - accuracy: 0.9452 - loss: 0.1675 - val_accuracy: 0.6500 -
val_loss: 1.5136
Epoch 24/30
15/15 ----- 181s 12s/step - accuracy: 0.9756 - loss: 0.1183 - val_accuracy: 0.6000
- val_loss: 1.7691
Epoch 25/30
15/15 ----- 181s 12s/step - accuracy: 0.9643 - loss: 0.1174 - val_accuracy: 0.7000
- val_loss: 2.0396
Epoch 26/30
15/15 ----- 181s 12s/step - accuracy: 0.9396 - loss: 0.1655 - val_accuracy: 0.6000
- val_loss: 2.6870
Epoch 27/30
15/15 ----- 185s 12s/step - accuracy: 0.9676 - loss: 0.1222 - val_accuracy: 0.5500
- val_loss: 1.7005
Epoch 28/30
15/15 ----- 201s 13s/step - accuracy: 0.9518 - loss: 0.1283 - val_accuracy: 0.5500
- val_loss: 1.8924
Epoch 29/30
15/15 ----- 175s 12s/step - accuracy: 0.9571 - loss: 0.1395 - val_accuracy: 0.6000
- val_loss: 2.4196
Epoch 30/30
15/15 ----- 181s 12s/step - accuracy: 0.9300 - loss: 0.1780 - val_accuracy: 0.6000
- val_loss: 2.1544
```