Epoch 1/50

250/250 [==============================] - 193s 766ms/step - loss: 2.3937 - accuracy: 0.1187 - val\_loss: 0.6502 - val\_accuracy: 0.2430

Epoch 2/50

250/250 [==============================] - 192s 769ms/step - loss: 0.5846 - accuracy: 0.2135 - val\_loss: 0.5241 - val\_accuracy: 0.2430

Epoch 3/50

250/250 [==============================] - 191s 764ms/step - loss: 0.5273 - accuracy: 0.2925 - val\_loss: 0.5142 - val\_accuracy: 0.6485

Epoch 4/50

250/250 [==============================] - 184s 735ms/step - loss: 0.5218 - accuracy: 0.3334 - val\_loss: 0.5141 - val\_accuracy: 0.6485

Epoch 5/50

250/250 [==============================] - 185s 741ms/step - loss: 0.5197 - accuracy: 0.3844 - val\_loss: 0.5148 - val\_accuracy: 0.6485

Epoch 6/50

250/250 [==============================] - 184s 737ms/step - loss: 0.5188 - accuracy: 0.4221 - val\_loss: 0.5141 - val\_accuracy: 0.6485

Epoch 7/50

250/250 [==============================] - 184s 736ms/step - loss: 0.5170 - accuracy: 0.4600 - val\_loss: 0.5137 - val\_accuracy: 0.6485

Epoch 8/50

250/250 [==============================] - 188s 753ms/step - loss: 0.5162 - accuracy: 0.4685 - val\_loss: 0.5137 - val\_accuracy: 0.6485

Epoch 9/50

250/250 [==============================] - 192s 768ms/step - loss: 0.5156 - accuracy: 0.4926 - val\_loss: 0.5138 - val\_accuracy: 0.6485

Epoch 10/50

250/250 [==============================] - 188s 751ms/step - loss: 0.5151 - accuracy: 0.5131 - val\_loss: 0.5138 - val\_accuracy: 0.6485

Epoch 11/50

250/250 [==============================] - 187s 749ms/step - loss: 0.5141 - accuracy: 0.5554 - val\_loss: 0.5136 - val\_accuracy: 0.6485

Epoch 12/50

250/250 [==============================] - 184s 735ms/step - loss: 0.5139 - accuracy: 0.5732 - val\_loss: 0.5136 - val\_accuracy: 0.6485

Epoch 13/50

250/250 [==============================] - 184s 736ms/step - loss: 0.5133 - accuracy: 0.5954 - val\_loss: 0.5138 - val\_accuracy: 0.6485

Epoch 14/50

250/250 [==============================] - 186s 745ms/step - loss: 0.5131 - accuracy: 0.6104 - val\_loss: 0.5136 - val\_accuracy: 0.6485

Epoch 15/50

250/250 [==============================] - 184s 736ms/step - loss: 0.5128 - accuracy: 0.6316 - val\_loss: 0.5137 - val\_accuracy: 0.6485

Epoch 16/50

250/250 [==============================] - 183s 733ms/step - loss: 0.5124 - accuracy: 0.6396 - val\_loss: 0.5136 - val\_accuracy: 0.6485

Epoch 17/50

250/250 [==============================] - 183s 731ms/step - loss: 0.5121 - accuracy: 0.6499 - val\_loss: 0.5136 - val\_accuracy: 0.6485

Epoch 18/50

250/250 [==============================] - 182s 728ms/step - loss: 0.5119 - accuracy: 0.6510 - val\_loss: 0.5134 - val\_accuracy: 0.6485

Epoch 19/50

250/250 [==============================] - 183s 732ms/step - loss: 0.5119 - accuracy: 0.6518 - val\_loss: 0.5135 - val\_accuracy: 0.6485

Epoch 20/50

250/250 [==============================] - 182s 729ms/step - loss: 0.5118 - accuracy: 0.6518 - val\_loss: 0.5135 - val\_accuracy: 0.6485

Epoch 21/50

250/250 [==============================] - 183s 731ms/step - loss: 0.5116 - accuracy: 0.6518 - val\_loss: 0.5134 - val\_accuracy: 0.6485

Epoch 22/50

250/250 [==============================] - 181s 726ms/step - loss: 0.5115 - accuracy: 0.6518 - val\_loss: 0.5134 - val\_accuracy: 0.6485

Epoch 23/50

250/250 [==============================] - 182s 729ms/step - loss: 0.5114 - accuracy: 0.6518 - val\_loss: 0.5135 - val\_accuracy: 0.6485

Epoch 24/50

250/250 [==============================] - 182s 730ms/step - loss: 0.5114 - accuracy: 0.6518 - val\_loss: 0.5135 - val\_accuracy: 0.6485

Epoch 25/50

250/250 [==============================] - 182s 730ms/step - loss: 0.5113 - accuracy: 0.6518 - val\_loss: 0.5134 - val\_accuracy: 0.6485

Epoch 26/50

250/250 [==============================] - 183s 734ms/step - loss: 0.5113 - accuracy: 0.6518 - val\_loss: 0.5135 - val\_accuracy: 0.6485

Epoch 27/50

250/250 [==============================] - 183s 734ms/step - loss: 0.5113 - accuracy: 0.6518 - val\_loss: 0.5135 - val\_accuracy: 0.6485

Epoch 28/50

250/250 [==============================] - 184s 737ms/step - loss: 0.5113 - accuracy: 0.6518 - val\_loss: 0.5135 - val\_accuracy: 0.6485

Epoch 29/50

250/250 [==============================] - 183s 734ms/step - loss: 0.5112 - accuracy: 0.6518 - val\_loss: 0.5134 - val\_accuracy: 0.6485