

Downloading data from <https://www.cs.toronto.edu/~kriz/cifar-10-python.tar.gz>
170498071/170498071 ————— 4s 0us/step

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Epoch 1/10
625/625 ————— 58s 90ms/step - accuracy: 0.3127 - loss: 1.8452 - val_accuracy: 0.5154 - val_loss: 1.3551
Epoch 2/10
625/625 ————— 54s 86ms/step - accuracy: 0.5241 - loss: 1.3258 - val_accuracy: 0.5654 - val_loss: 1.2266
Epoch 3/10
625/625 ————— 77s 78ms/step - accuracy: 0.5889 - loss: 1.1570 - val_accuracy: 0.6053 - val_loss: 1.1176
Epoch 4/10
625/625 ————— 48s 76ms/step - accuracy: 0.6312 - loss: 1.0527 - val_accuracy: 0.6250 - val_loss: 1.0644
Epoch 5/10
625/625 ————— 82s 77ms/step - accuracy: 0.6654 - loss: 0.9630 - val_accuracy: 0.6638 - val_loss: 0.9631
Epoch 6/10
625/625 ————— 82s 76ms/step - accuracy: 0.6876 - loss: 0.8888 - val_accuracy: 0.6758 - val_loss: 0.9398
Epoch 7/10
625/625 ————— 83s 78ms/step - accuracy: 0.7096 - loss: 0.8368 - val_accuracy: 0.6633 - val_loss: 0.9693
Epoch 8/10
625/625 ————— 81s 77ms/step - accuracy: 0.7252 - loss: 0.7902 - val_accuracy: 0.6924 - val_loss: 0.9072
Epoch 9/10
625/625 ————— 82s 77ms/step - accuracy: 0.7457 - loss: 0.7398 - val_accuracy: 0.6901 - val_loss: 0.9043
Epoch 10/10
625/625 ————— 83s 78ms/step - accuracy: 0.7597 - loss: 0.6946 - val_accuracy: 0.6962 - val_loss: 0.8965
```

Enter an index (0 to 9999) for test image: 345
1/1 ————— 0s 134ms/step

Predicted: cat
Actual: cat

