

Our first modeling approach, which involved creating our own CNN, yielded very low accuracy. Therefore, we decided to import a pre-trained model, with the hope of achieving faster results and higher accuracy. Here are our results from the original self-made CNN, then our new CNN model, which utilized transfer learning with MobileNetV2:

First Attempt with CNN model trained from scratch.

Accuracy: 34.84%

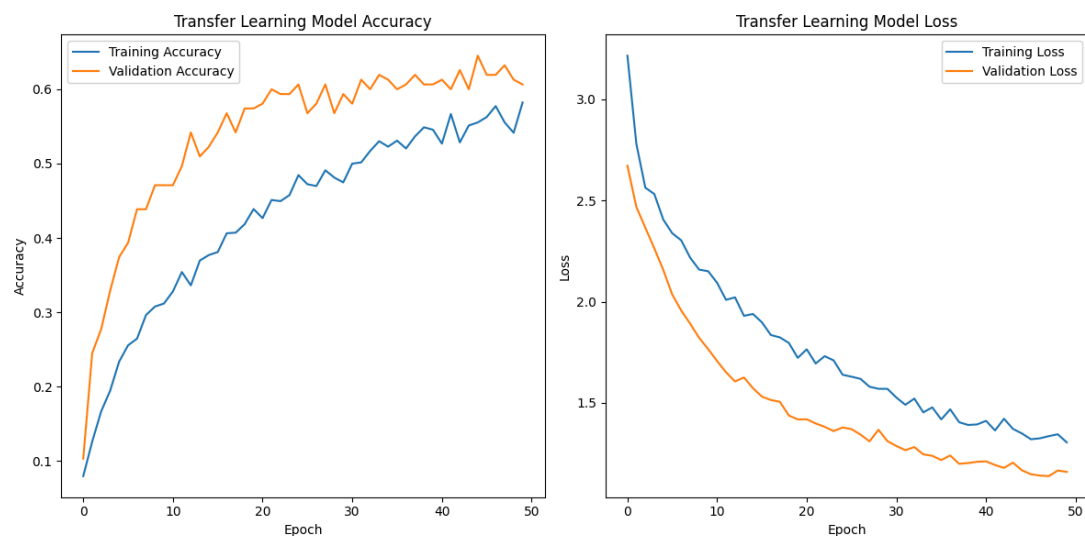
Loss: 2.2534



Second attempt using a pre-trained MobileNetV2 CNN model.

Accuracy: 55.48%

Loss: 1.3629



A bar chart for the distribution of IUCN conservation statuses.

