

TRANSFER LEARNING

Uses **pre-trained** deep neural networks to solve new image classification tasks.



BETTER ACCURACY

Leveraging professionally trained models leads to higher accuracy



SAVES DEVELOPMENT TIME

Hyperparameter and architecture changes are minimal, saving dev time



REQUIRES LESS DATA

Pre-trained models require less data, opening opportunity for many projects

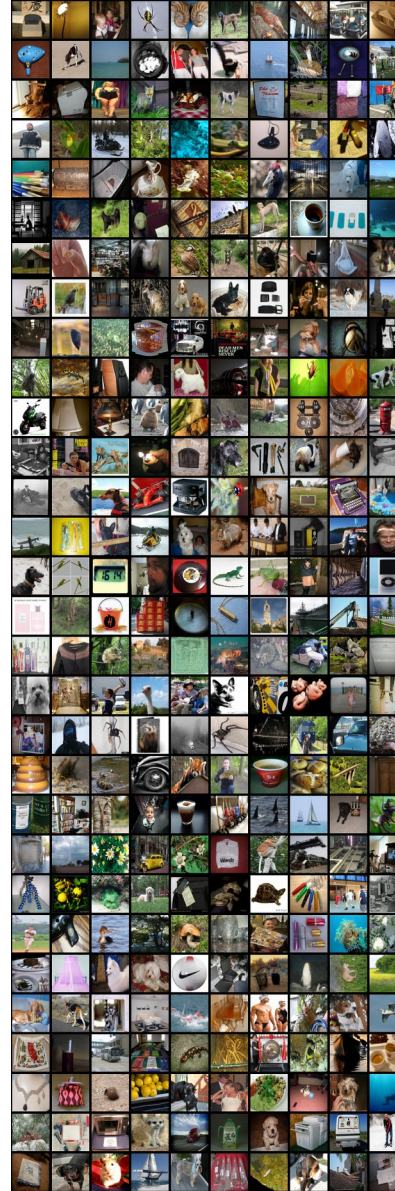
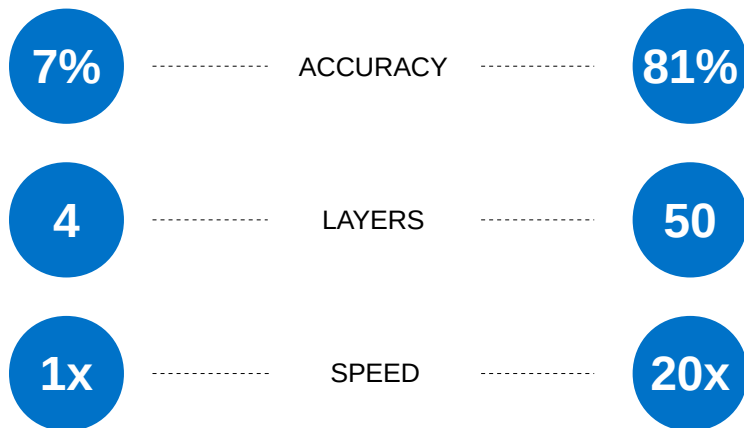


DOG BREED IMAGE CLASSIFIER

Created an image classifier for 133 dog breeds using a data set of only 8,000 images.

FROM SCRATCH

PRE-TRAINED



HIGHER ACCURACY



SAVES TIME



LESS DATA