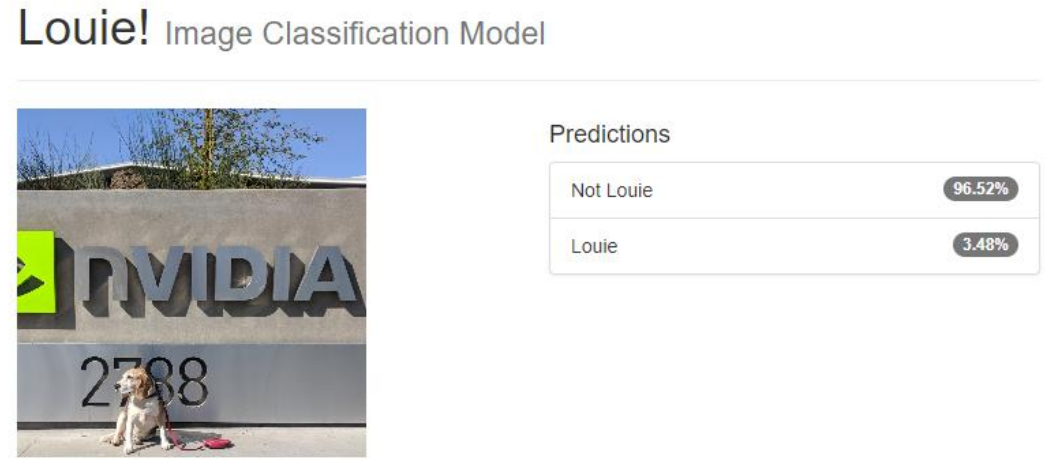
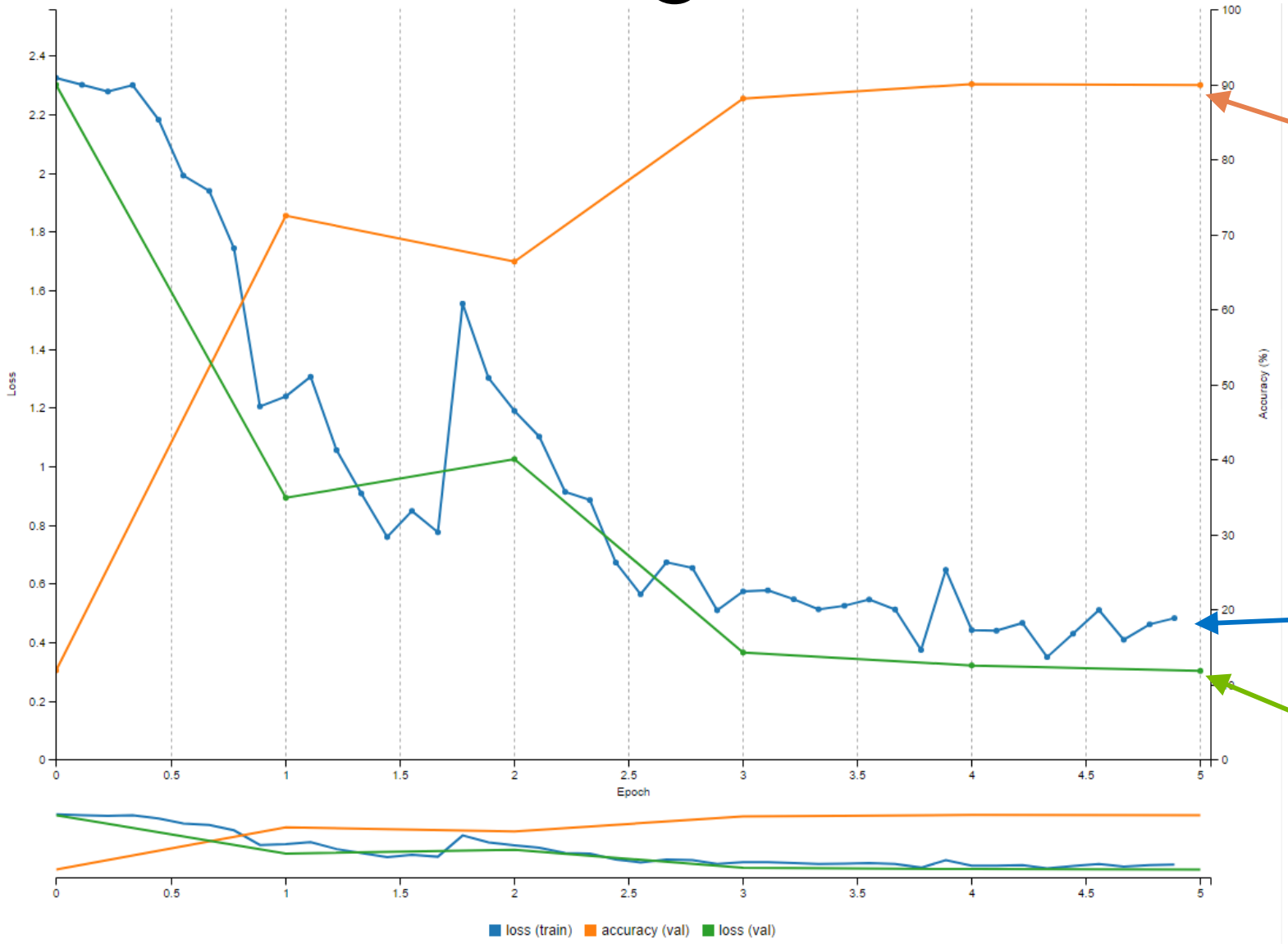
OVERFITTING

What to do about it?



Next Page - EVALUATE THE MODEL



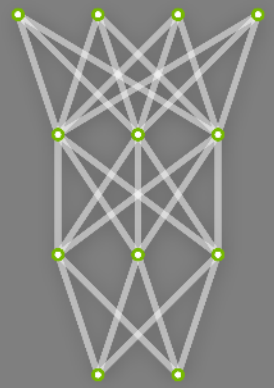
Accuracy obtained from validation dataset

Loss function (Training)

Loss function (Validation)

DEEP LEARNING

Untrained
Neural Network
Model

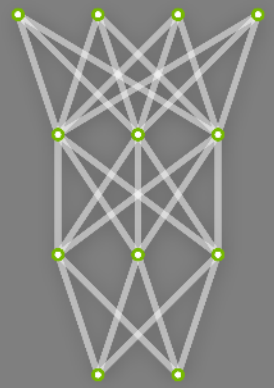


DEEP LEARNING

TRAINING

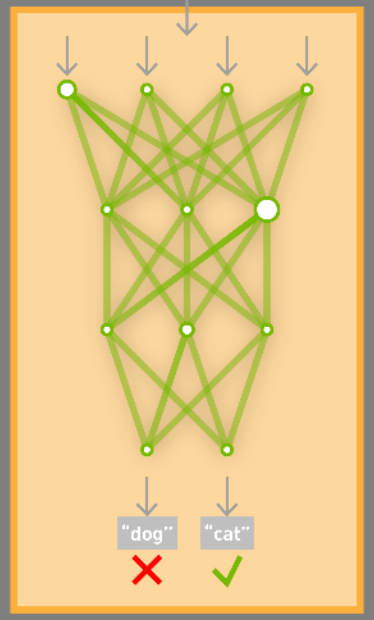
Learning a new capability
from existing data

Untrained
Neural Network
Model



Deep Learning
Framework

TRAINING
DATASET

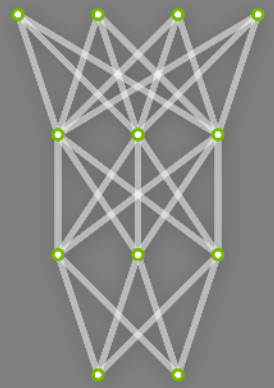


DEEP LEARNING

TRAINING

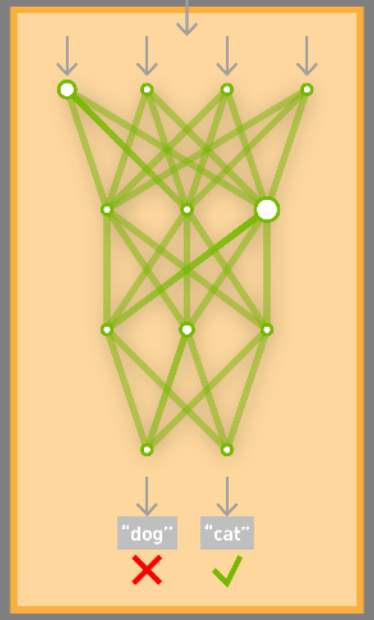
Learning a new capability
from existing data

Untrained
Neural Network
Model

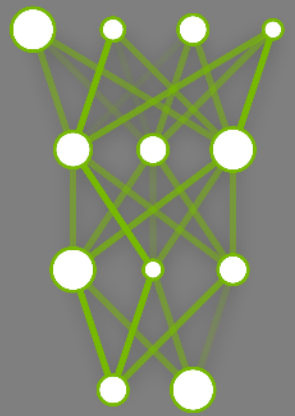


Deep Learning
Framework

TRAINING
DATASET



Trained Model
New Capability

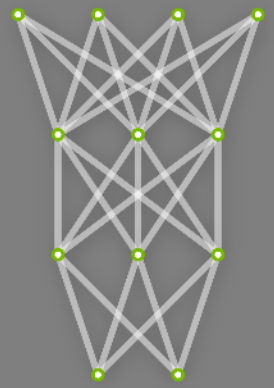


DEEP LEARNING

TRAINING

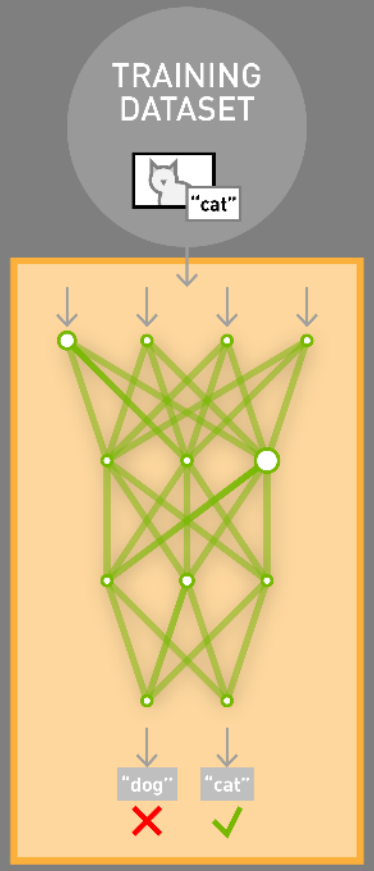
Learning a new capability
from existing data

Untrained
Neural Network
Model

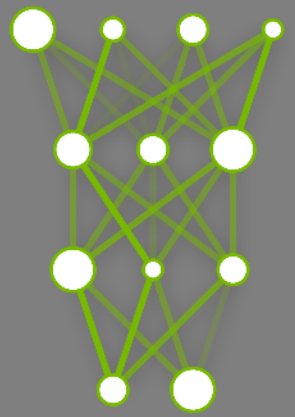


Deep Learning
Framework

TRAINING
DATASET



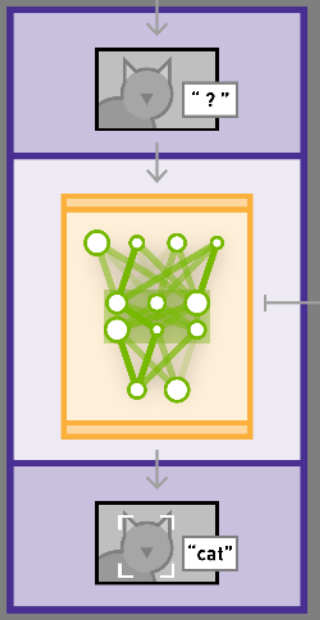
Trained Model
New Capability



INFERENCE

Applying this capability
to new data

NEW
DATA



App or Service
Featuring Capability

Trained Model
Optimized for
Performance