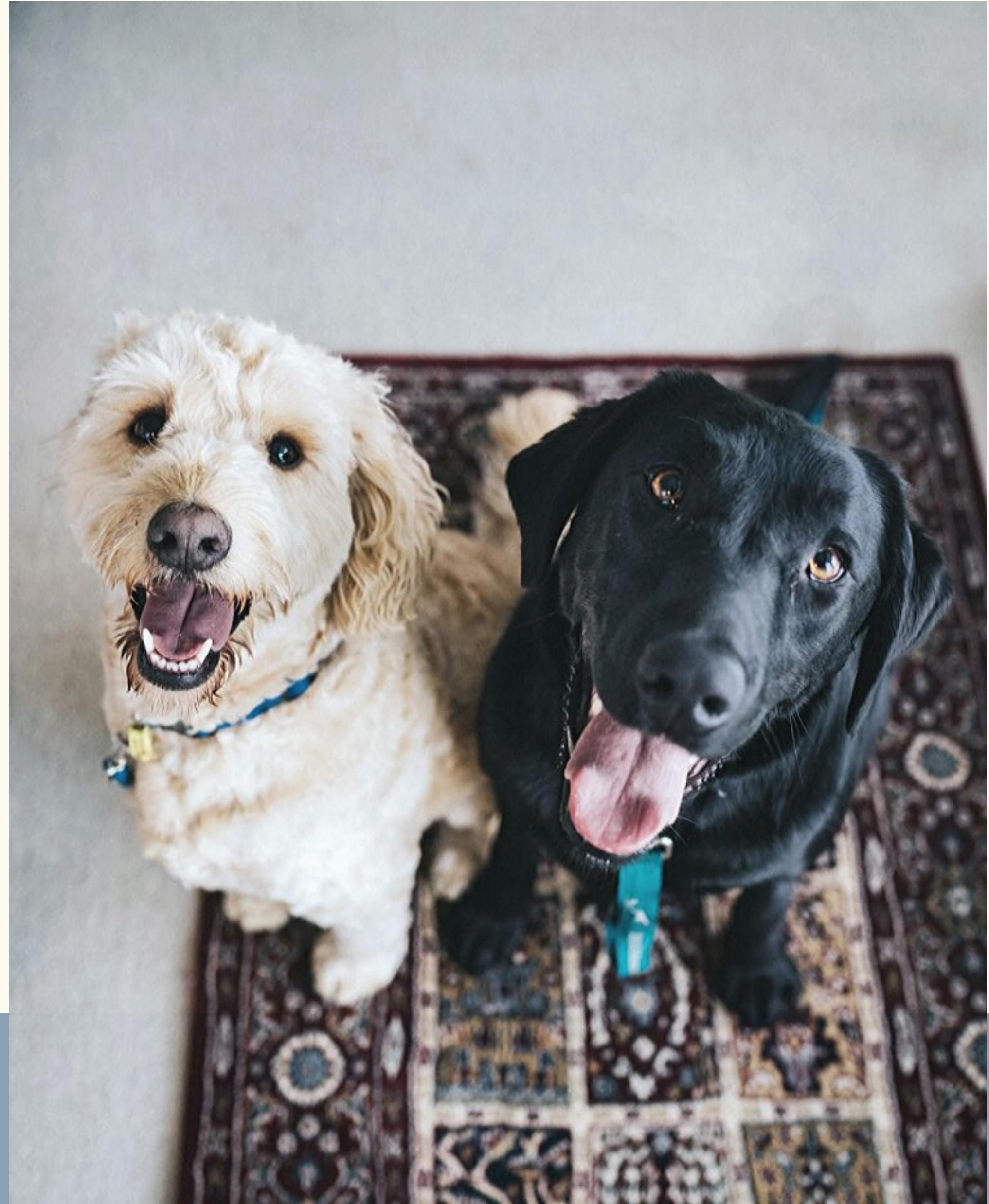


A photograph of a diverse group of dogs sitting outdoors on a grassy area under a clear blue sky. From left to right, there is a dark brown poodle, a large German Shepherd with its tongue out, a white West Highland Terrier, a large reddish-brown Cocker Spaniel, a smaller reddish-brown Cocker Spaniel, a black and white Cavalier King Charles Spaniel, a large tan French Bulldog, a light-colored Airedale Terrier, and a small portion of another dog's face on the far right.

DOGGO GÄNGER

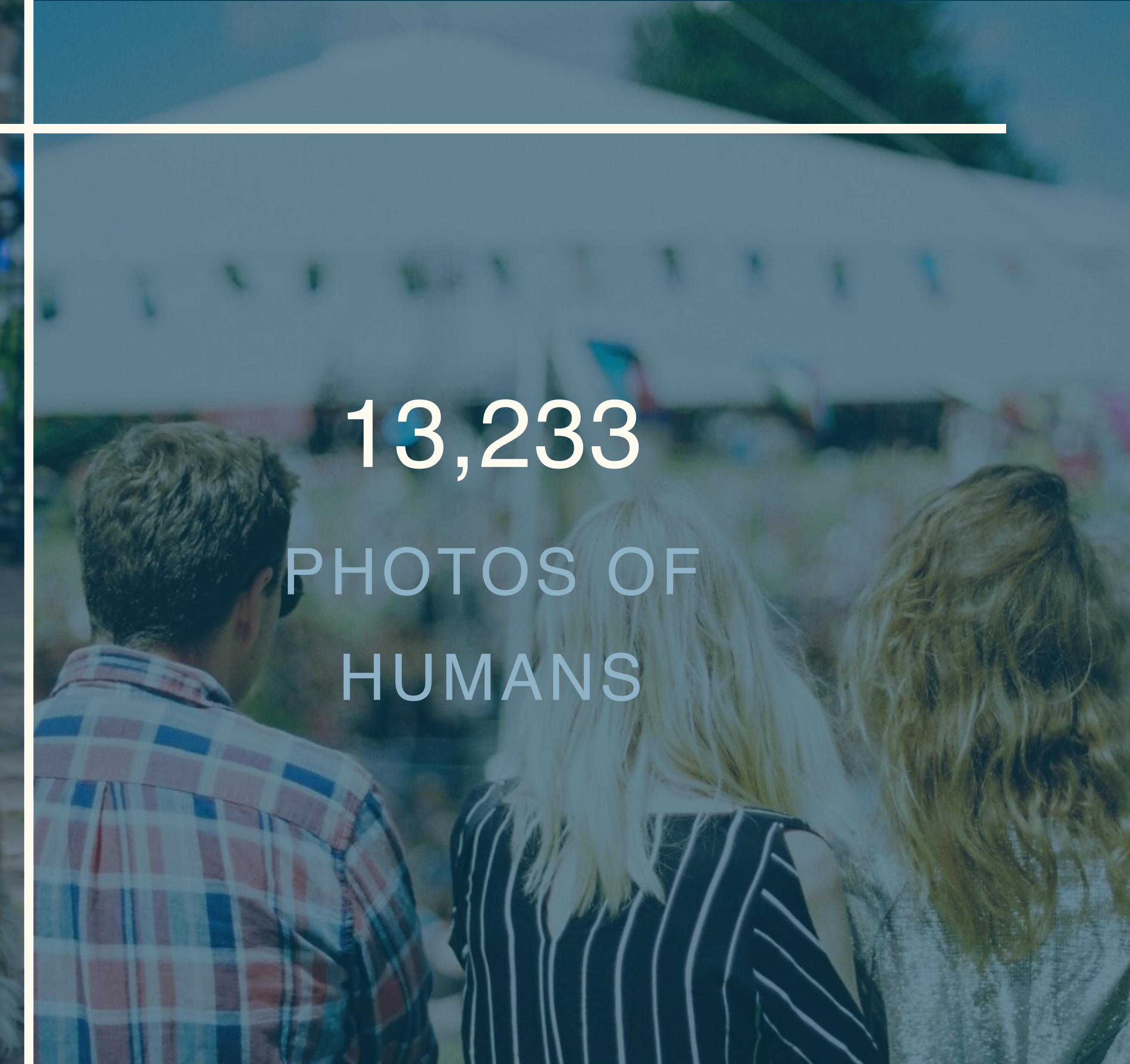
BY AMY SU
METIS CAREER DAY
JUNE 20, 2019

WHAT IS DOGGO GÄNGER?





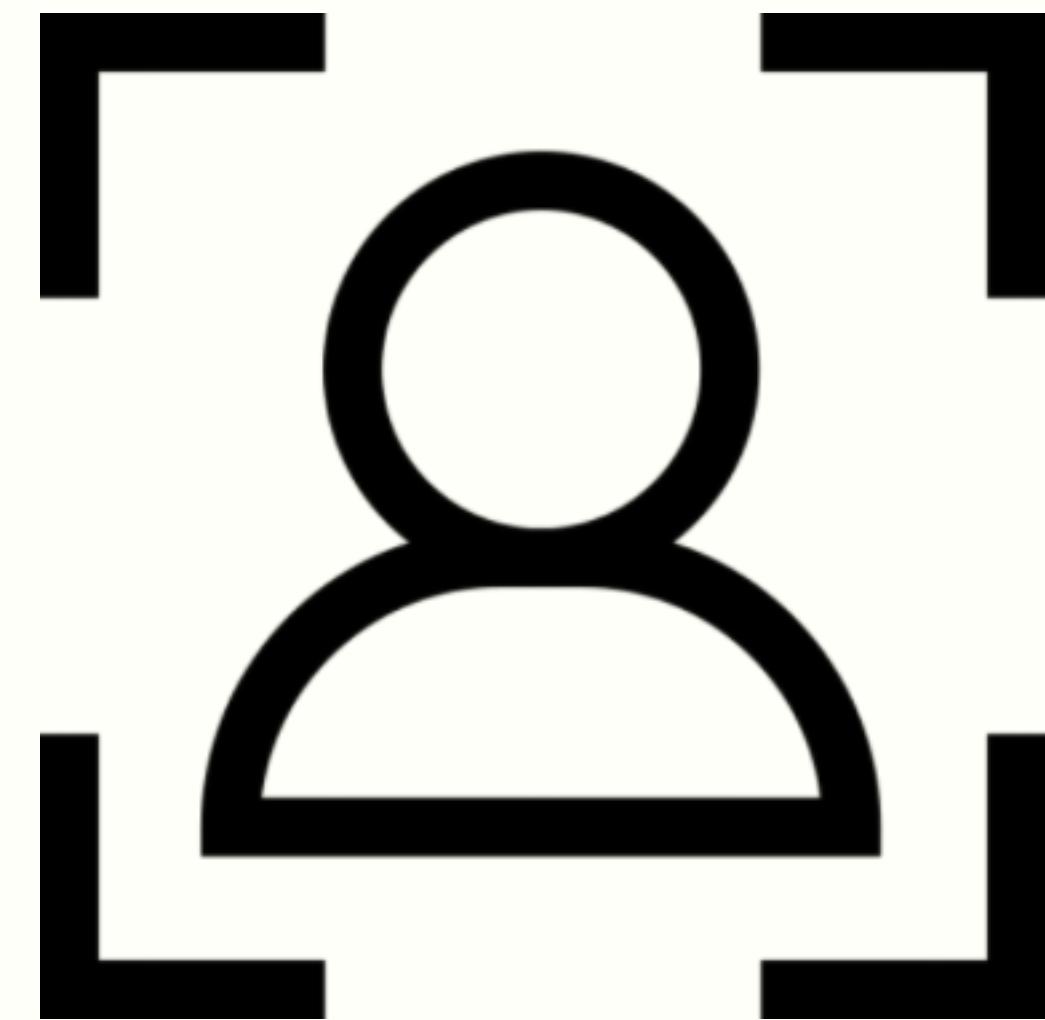
8,531
PHOTOS OF 133
BREEDS OF
DOGS



13,233
PHOTOS OF
HUMANS

DATA

MODELS



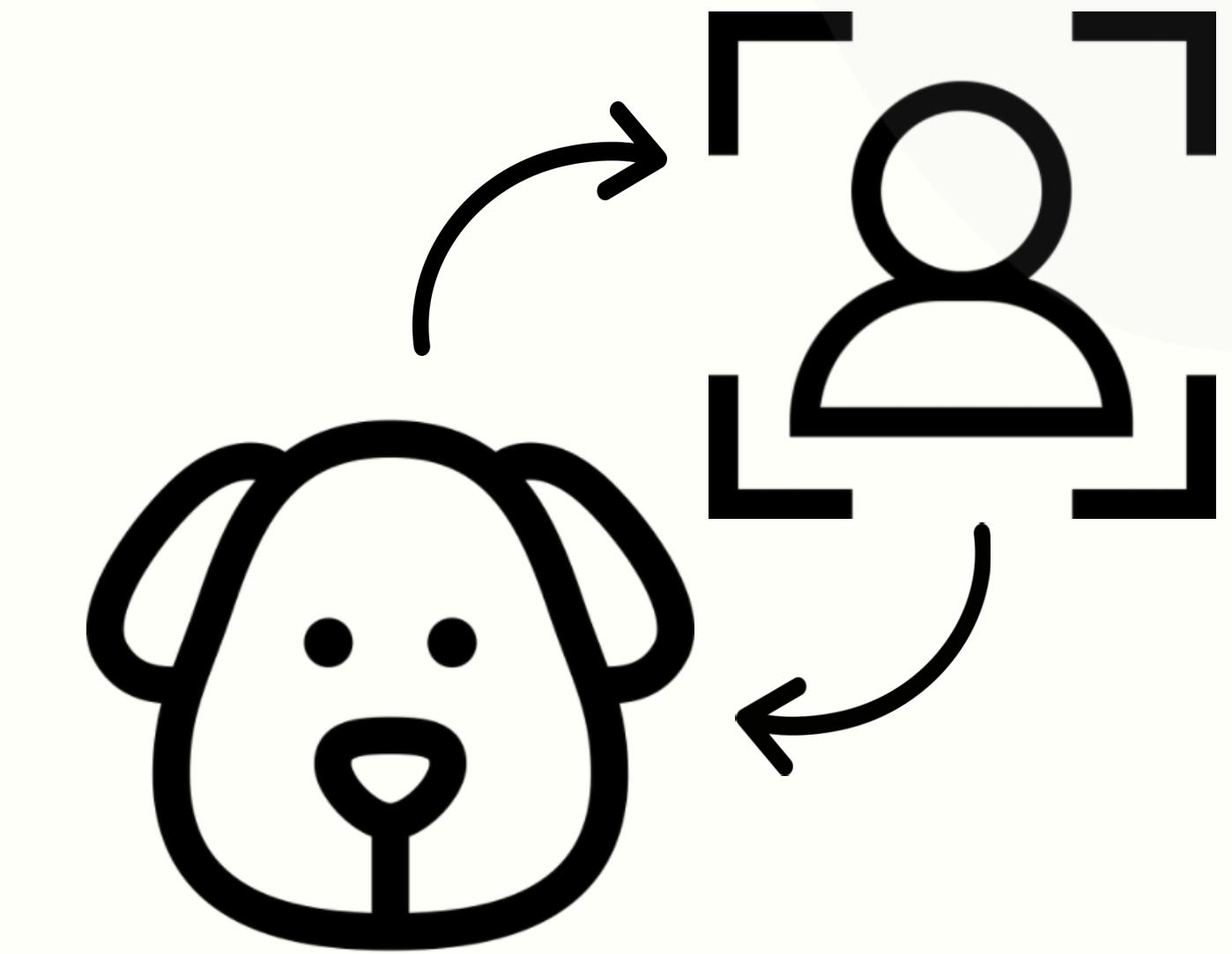
FACE DETECTOR

Used OpenCV's implementation of Haar Feature-Based cascade classifiers to detect human faces



DOG DETECTOR

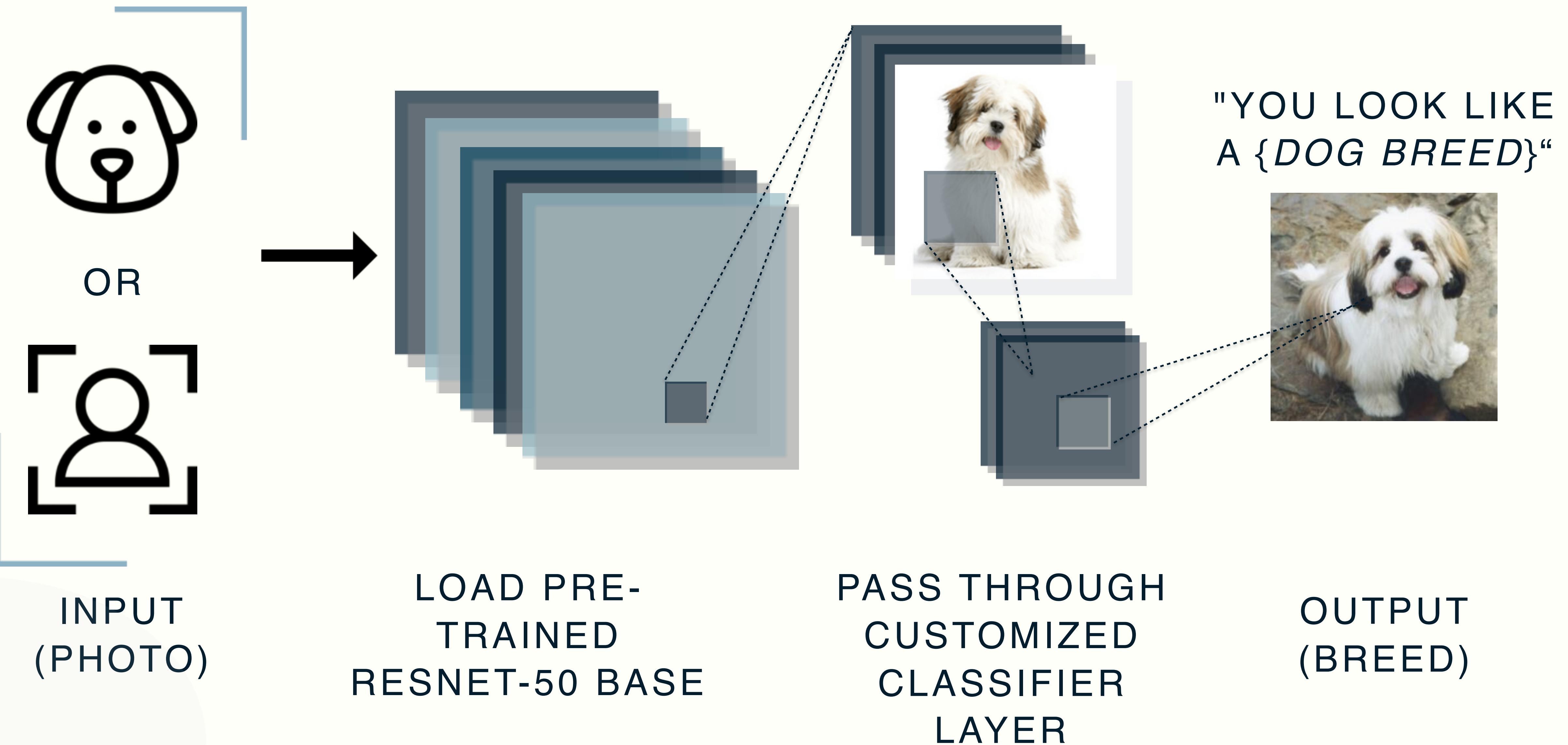
Used pre-trained model, ResNet-50, to detect dogs in images



CONVOLUTIONAL NEURAL NETWORK

Used convolutional neural network to detect dog breed

HOW IT WORKS





Doggogänger

What dog breed do you look like?

Drop an image here or click  to upload an image (Max 2MB)

SUMMARY



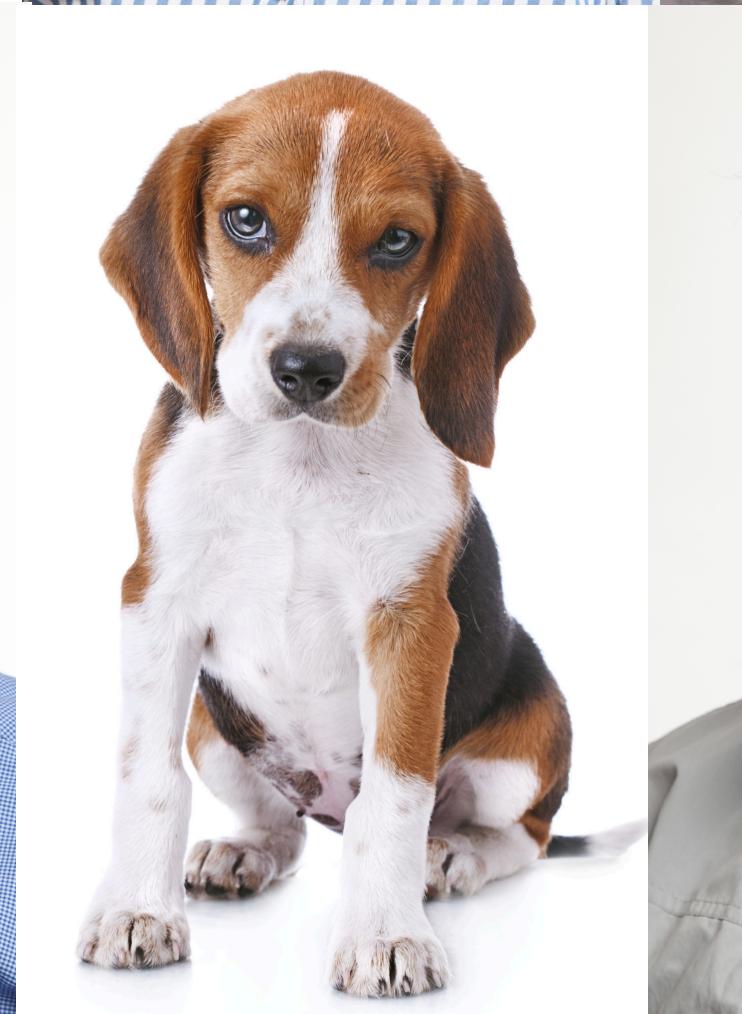
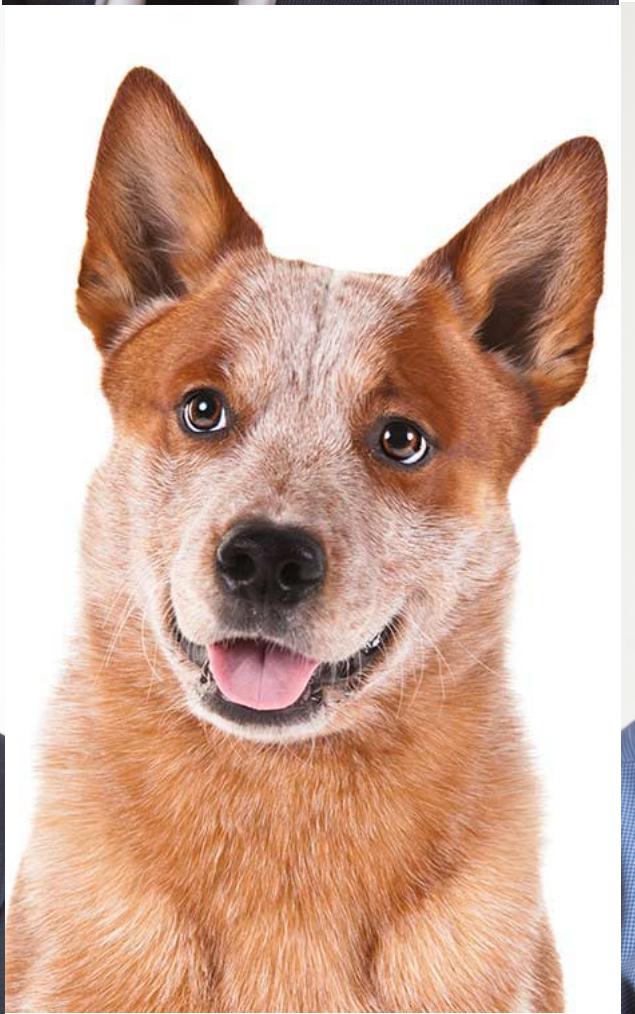
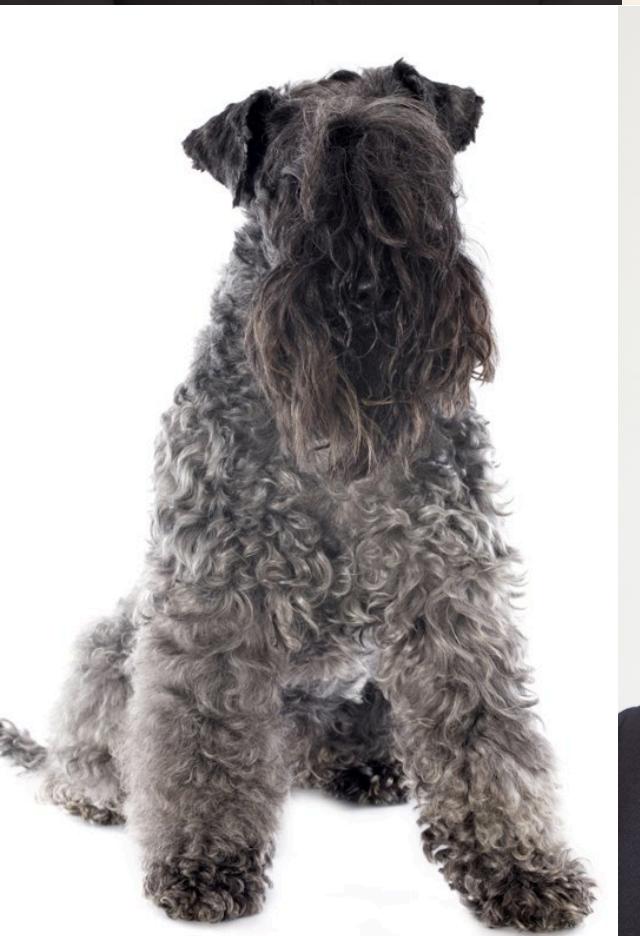
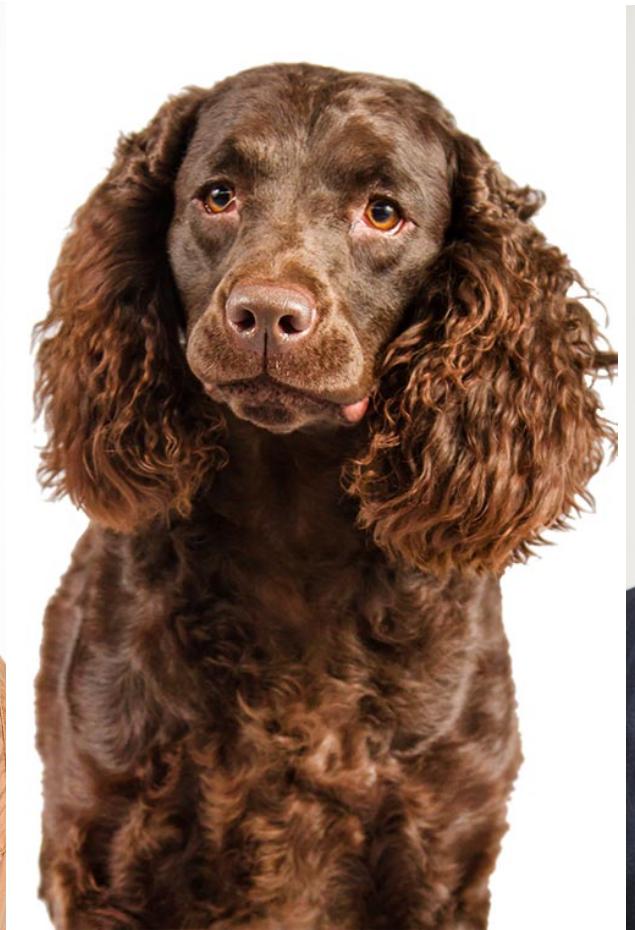
ENCOURAGE PET ADOPTION

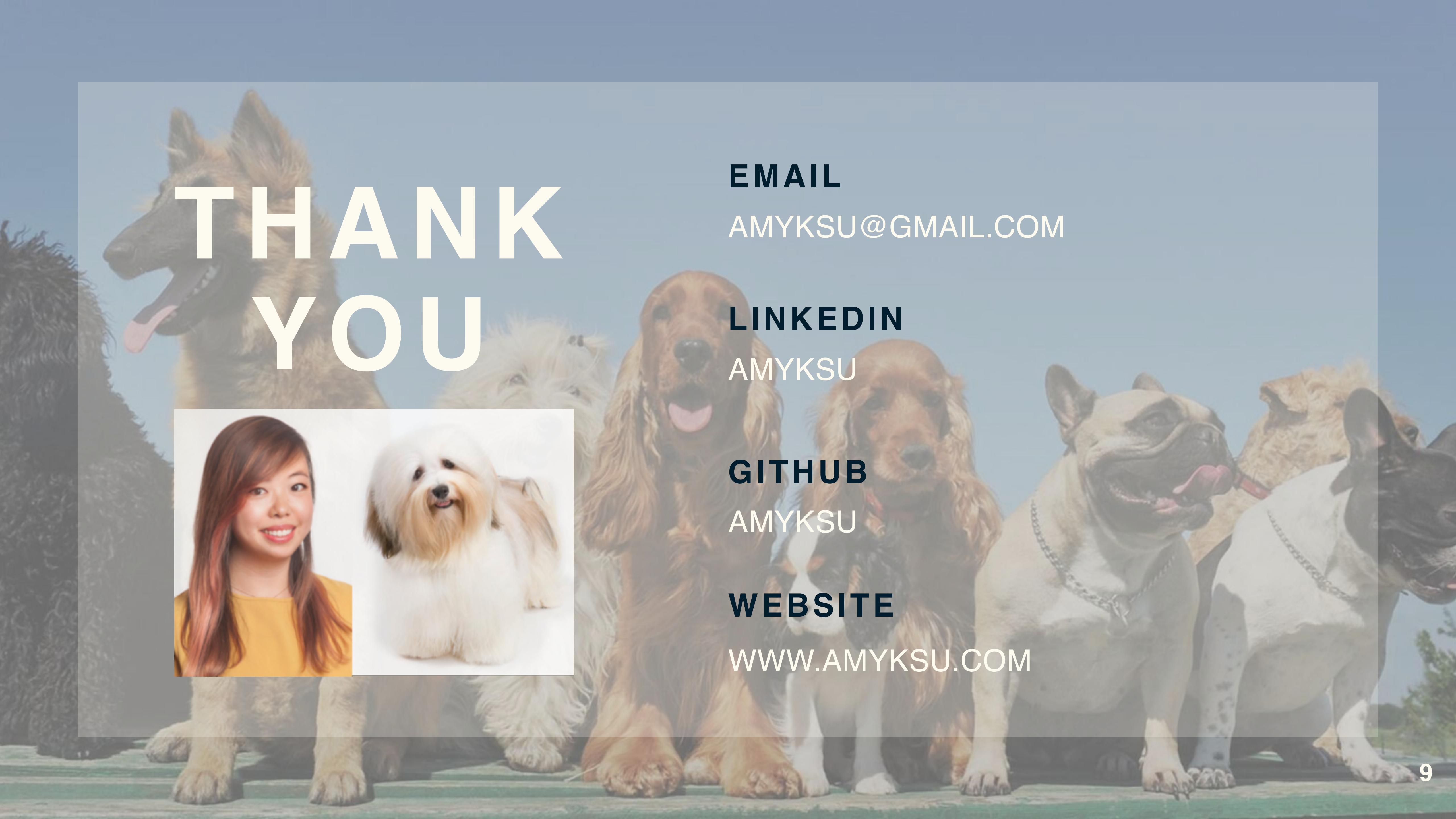
Encourage users to see what dogs are available

DISCOVER NEW BREEDS

Find new breeds that you may have never heard of before





A collage of various dogs and a woman. In the foreground, there is a white portrait of a woman with long brown hair and a yellow shirt, standing next to a white dog with long, wavy fur. Behind her is a large group of dogs of different breeds and colors, including a German Shepherd, a Cocker Spaniel, a French Bulldog, and several smaller dogs.

THANK YOU

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