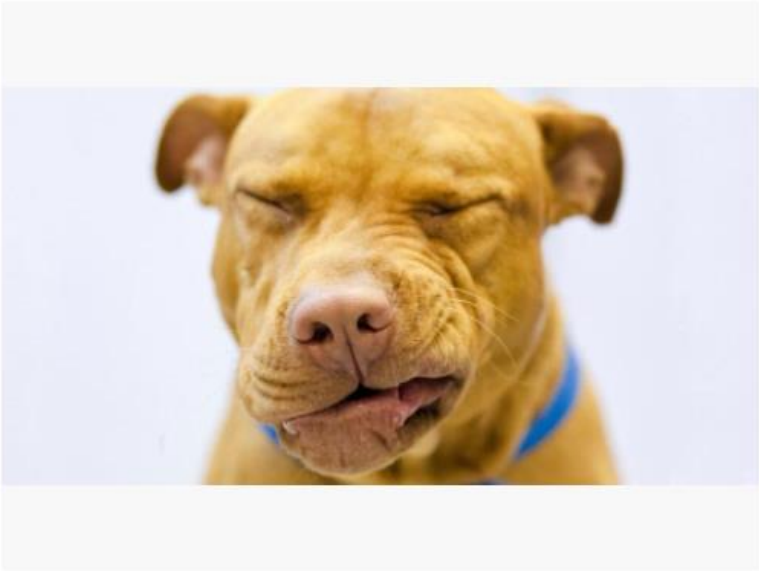


Image Detail



My Tags

Add a tag and press enter

Predictions


Tag	Probability
dog	87.3%
sneezing	80.7%
indoors	80.4%
outdoors	15.3%
cat	8.9%

Save and close

The results for the AI I trained above vs pre-trained Azure Computer Vision below

Detected attributes

JSON



mammal (98.44%)

dog (98.20%)

dog breed (98.15%)

animal (96.47%)

snout (95.49%)

pet (94.69%)

dog collar (85.86%)

collar (85.02%)

pit bull (72.46%)

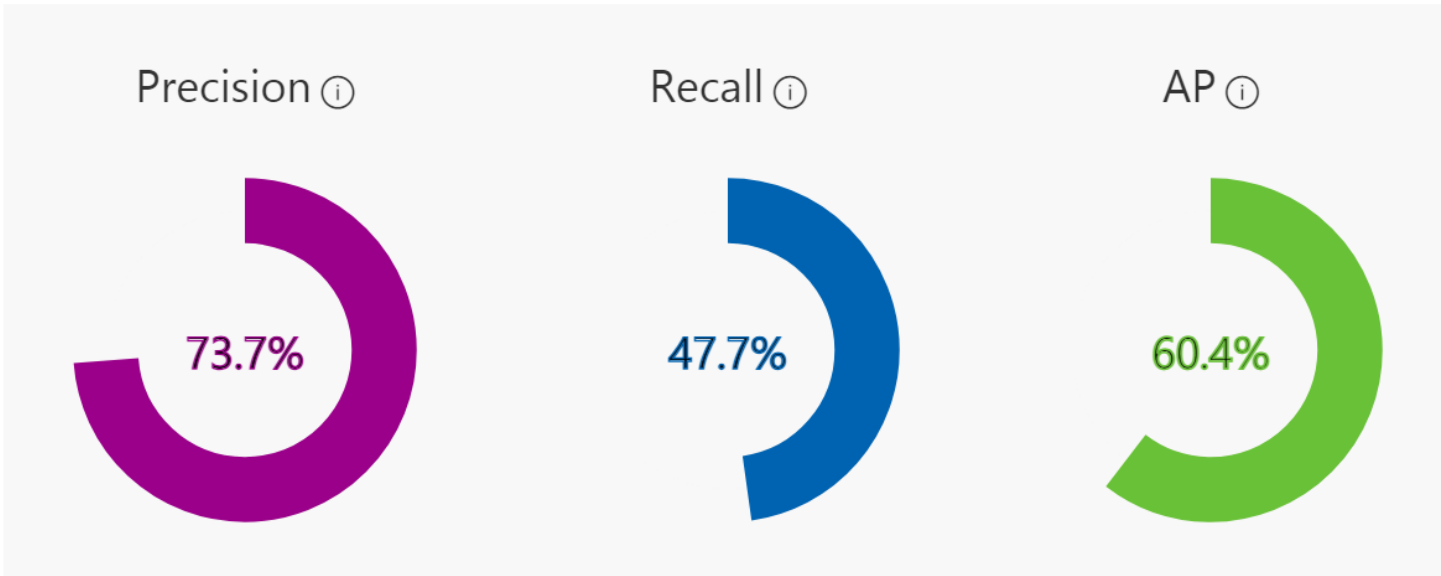
brown (71.44%)

yellow (62.36%)

outdoor (60.70%)

bulldog (49.34%)

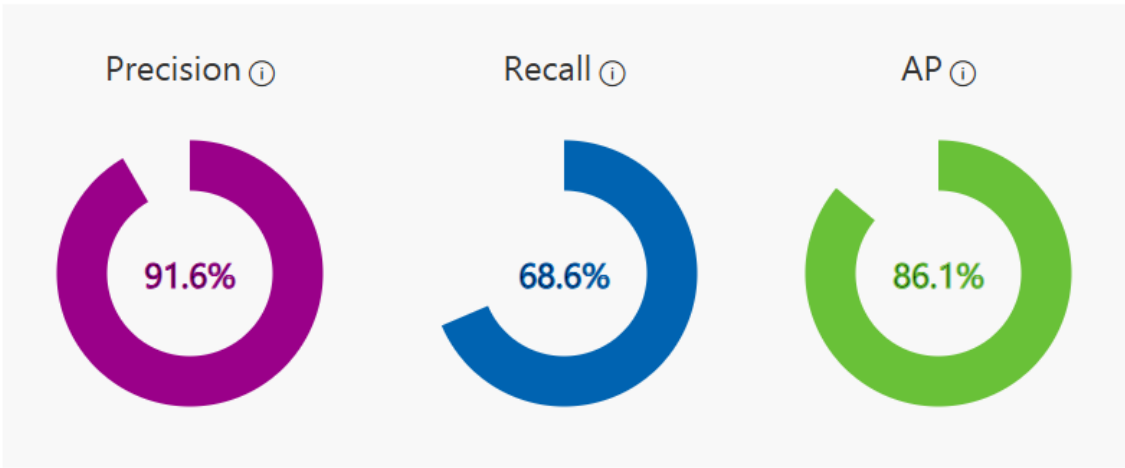
Ai performance Iteration 1



Performance per tag

Tag	Precision [^]	Recall	A.P.	Image count [!]
sheep	100.0%	92.3%	99.5%	64 <div></div>
pig	100.0%	80.0%	97.0%	73 <div></div>
happy	100.0%	100.0%	100.0%	6 <div></div>
dog	77.8%	77.8%	75.9%	42 <div></div>
cat	75.0%	75.0%	86.3%	41 <div></div>
horse	50.0%	33.3%	58.9%	16 <div></div>
outdoors	33.3%	14.3%	47.6%	63 <div></div>
energetic	20.0%	100.0%	20.0%	7 <div></div>

AI Performance Iteration 4 (Advanced training) The precision, recall and AP %s are all



Performance Per Tag

Tag	Precision [^]	Recall	A.P.	Image count [!]
sheep	100.0%	84.6%	93.2%	64 <div></div>
pig	100.0%	100.0%	100.0%	73 <div></div>
indoors	100.0%	25.0%	58.5%	20 <div></div>
cow	100.0%	100.0%	100.0%	79 <div></div>
cat	100.0%	96.2%	99.7%	127 <div></div>
horse	94.1%	100.0%	100.0%	69 <div></div>
dog	92.3%	100.0%	96.1%	118 <div></div>
outdoors	84.0%	67.7%	89.8%	158 <div></div>
standing	33.3%	20.0%	40.3%	51 <div></div>
walking	0.0%	0.0%	22.9%	18 <div></div>
sociable	0.0%	0.0%	19.4%	20 <div></div>
running	0.0%	0.0%	51.0%	13 <div></div>

Azure Computer vision –common tags extractor



Detected attributes

grass (99.69%)
mammal (98.15%)
animal (96.67%)
outdoor (94.95%)
dog breed (94.80%)
dog (92.03%)
pet (88.66%)
german shepherd (87.87%)
black (65.75%)
mouth (59.73%)

vs our refined animal behavior analyser



My Tags

Add a tag and press enter

Predictions

Tag	Probability
dog	92.4%
agressive	84.4%
outdoors	77.2%
sociable	14.3%
energetic	13%

Save and close

Also the Ai has gotten much better at analysing when there's 2 animals together



or

[Browse local files](#)

File formats accepted: [jpg](#), [png](#), [bmp](#)

File size should not exceed: [4mb](#)

Using model trained in

Iteration

[Iteration 4](#) ▾

Predictions

Tag	Probability
cat	72.9%
dog	66.8%
outdoors	36.4%
laying	34.6%
walking	8%

Vs Iteration 2



Image URL

or

[Browse local files](#)

File formats accepted: [jpg](#), [png](#), [bmp](#)

File size should not exceed: [4mb](#)

Using model trained in

Iteration

[Iteration 2](#) ▾

Predictions

Tag	Probability
dog	79.3%
outdoors	41.4%
cat	32.6%
pig	24.9%
walking	21.7%

Most importantly the errors in tagging are wrong. Specifically, the 24.9% that the animal is a pig is gone from the top 5 tags, and it actually fell to 1.2% which is a very large improvement.