

Zero-Shot Learning (1)

1

3

Zero-shot learning is analogous to one-shot. However instead of being given a sample set with an image for each of C training classes, it contains a **semantic class embedding vector** v_c for each.



Bird

A small, lightweight creature with a streamlined body, feathered wings...

Dog

A medium-sized animal
with a muscular build,
short fur, floppy ears...

Monkey

A slender, agile
primate with long
limbs, a prehensile
tail, expressive face...

Bird



Dog



Monkey





Attribute Embedding Module

1

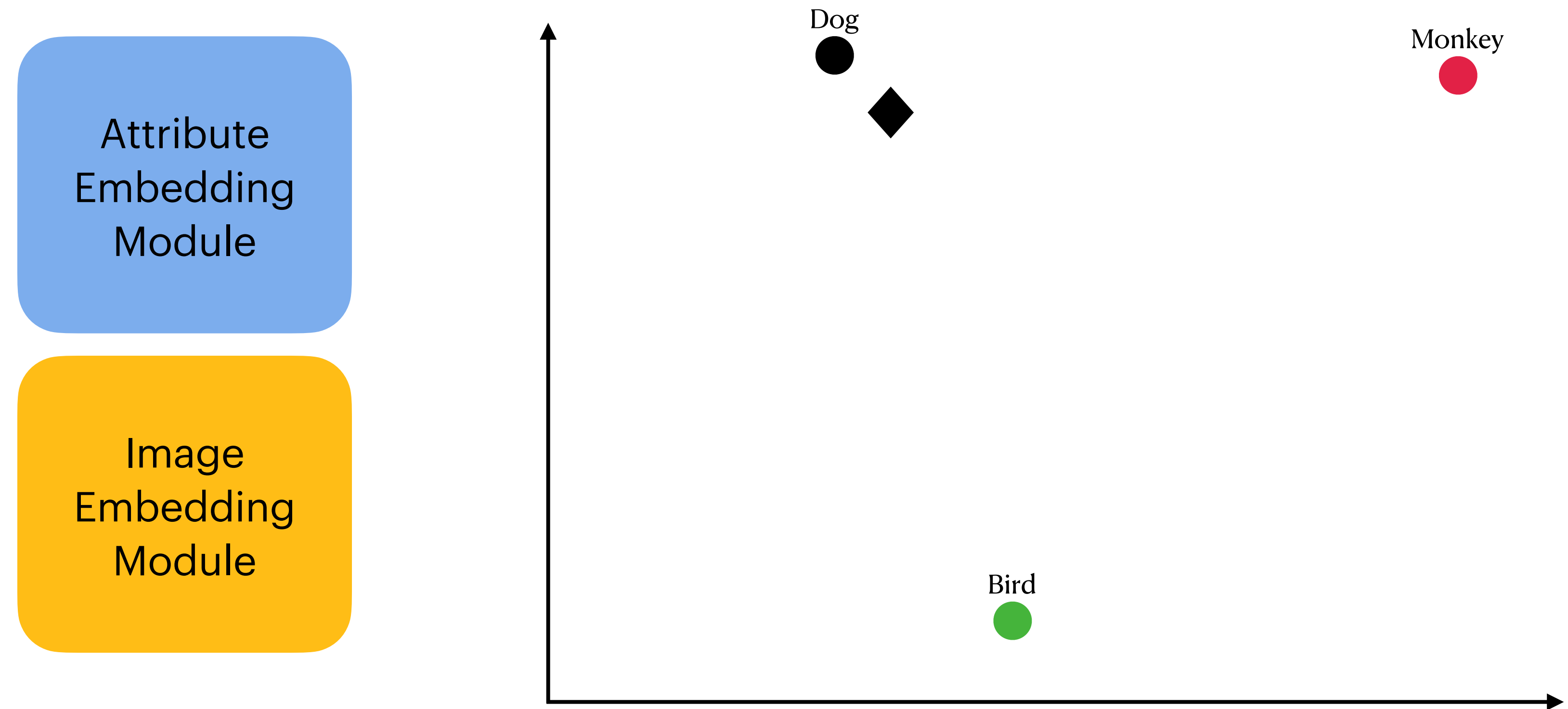
3



Image Embedding Module

Zero-Shot Learning (1)

Zero-shot learning is analogous to one-shot. However instead of being given a sample set with an image for each of C training classes, it contains a **semantic class embedding** vector v_c for each.



Zero-Shot Learning (2)

