Terminology : C-Way K-Shot

C-Way: The model distinguishes between **C** classes

K-Shot: The model is trained on **K** examples per class

Bird

Dog

Monkey

Embedding Module

3-Way 1-Shot Problem

Bird

Dog

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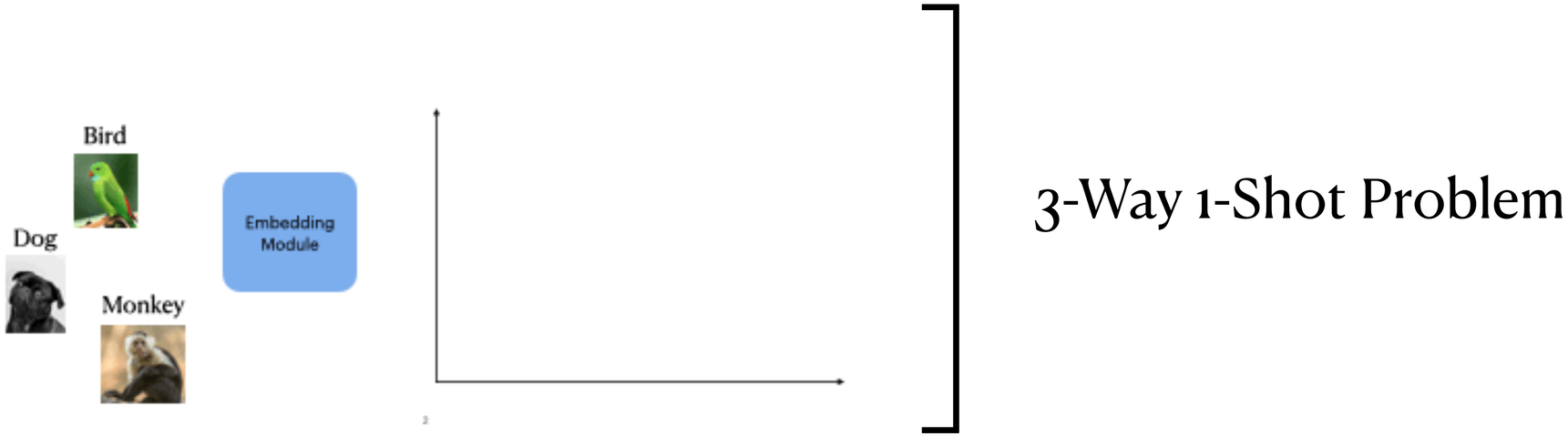

3-Way 1-Shot Problem

Episode Based Training (1)

Mimic the few-shot learning setting via episode based training.

An **episode** in few-shot learning consists of a sample set (S)
and a query set (Q)

$$\text{Episode} = \{S, Q\}$$