

Classifier perception

Memory perception

“Golden Retriever”

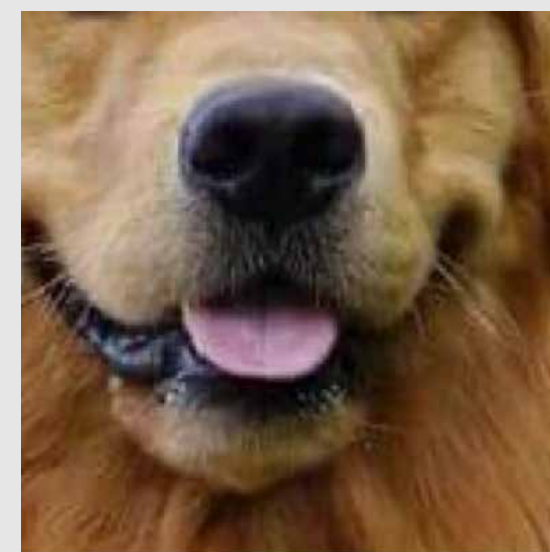
Model



Model



Model



(a) Training: Supervised vs unsupervised

“Golden Retriever”

Model



Model



Model



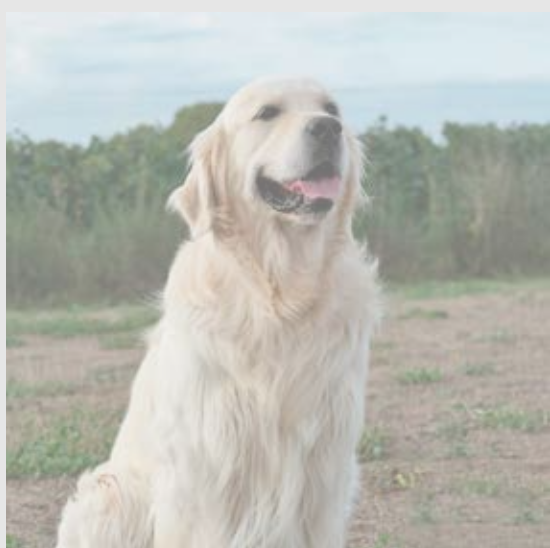
Memory



(b) Inference: Classifier vs Nearest Neighbours

~~“Golden Retriever”~~

Model



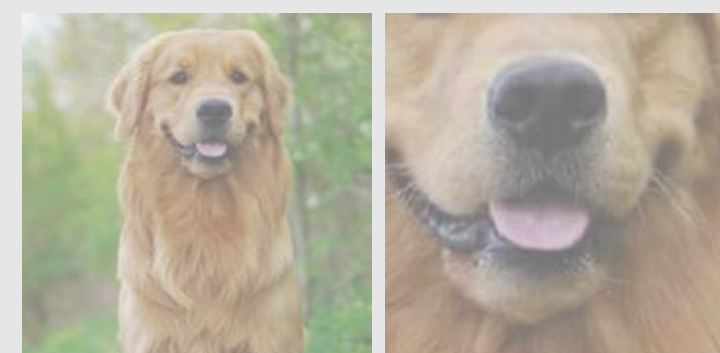
Hard 🤖

Memory



Easy! 😊

Model



Hard 🤖

(c) Unlearning: Re-training vs Memory edit*