

The LEGO Duck

AI Bridge

Mapping each moment of the exercise to its AI equivalent

NOTICE
"Everything you just **did** this is how AI learns what things are. Not from a definition. From examples. From clusters. From someone deciding which features matter and which don't. Let me show you exactly where each step maps.

EXERCISE MOMENT	AI EQUIVALENT
The question 'Do you know what is a duck?'	Training data confirmation Models are built on the assumption that labellers know what they're labelling.
The 6 LEGO pieces	The model architecture Same inputs, same constraints, applied to different human knowledge.
12 different ducks	The latent space A concept does not exist as a fixed point but as a cloud of weighted encodings.
The clustering exercise	Embedding and classification Finding which features define the boundary of a concept.
The naming of criteria	Training labels Invisible human decisions that determine what the model 'sees'.
The disagreement on boundary cases	Bias and edge cases Where the model's training distribution does not match the real world.
The duck that becomes the cluster centre	The standard Whose representation becomes the norm that all others are measured against.

"If this room were the training dataset for a duck-recognition AI, **whose duck would become the model?** And whose would be classified as wrong?"