

HOW AI WORKS

The AI Loop

Met in Year 1, used every year.

1

Learn

It is given lots of examples (data), chosen by people.

2

Spot

It finds patterns in those examples.

3

Guess

It uses the patterns to make a prediction: a label, a next word, a video, a picture.

4

Check

It cannot check itself against the real world. People must.

Check is always the human's job.

How the idea grows

Learn: Year 1: it learns from lots of examples. Year 5: training data, test data, permission and fairness.

Spot: Year 1: spotting a secret sorting rule. Year 4: patterns in words. Year 5: rules versus learning.

Guess: Year 1: it makes a guess. Year 4: next word prediction and how sure it is. Year 6: generated images, text and voices.

Check: Every year: Check is always the human's job, and that is where IDEAL comes in.