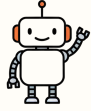


How AI **learns** from examples

A one-page cheat sheet, in plain English

5
CHECKS



WHY IT MATTERS

Many AI tools are trained on lots of examples and pick up patterns from them. Think of a child learning cats from picture cards.

1

Learning from **examples**

Training means showing the tool lots of examples. It works out patterns from them.

Try: Picture cards: cat, cat, dog, bird, cat.

Google ML course: a model is trained on data and finds patterns through training.



2



One example is rarely enough

One cat photo can't show what makes a cat a cat. The tool needs many and varied examples.

Try: Show one cat. Then a dog. It may still say cat.

Our illustration, general good practice.

3

Examples can carry **answers**

Each example can come with the right answer, called a label. The tool compares its guess to the answer.

Try: A photo, plus the word cat.

Google ML course: labeled examples.



4



Not a **rule list**

Nobody types a rule for every cat. The tool finds patterns in the examples instead.

Try: Ask: did a person write rules, or were there examples?

Many AI tools work this way, not all.

5

Ask what it **learned from**

What a tool saw in training shapes what it gets right. Odd or new cases can still fool it.

Try: Does it handle a cat in a costume?

General good practice.



Rule of thumb: the examples shape the answers.