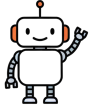


How AI works in **three ideas**

A one-page cheat sheet, in plain English

4

CHECKS



WHY IT MATTERS

A chat AI can feel like magic. Underneath, it is three plain ideas, plus one catch. You can picture each one in a kitchen with one sentence: Crack two eggs into the ...

1

A **library** of text

Before you ever chat, an AI is **trained** on a huge amount of text. Training means practicing on it. The library is an analogy, not real books.

Try: Picture a giant pile of recipes.



2



Guess the **next word**

It plays one game: guess what comes next, add it, guess again. Really it guesses **tokens**, which are words or pieces of words.

Try: Crack two eggs into the ____

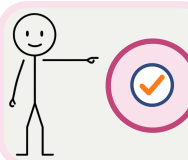
3

The catch: practice is **not enough**

An AI that only practiced guessing is not automatically good at answering questions or following instructions.



4



Add **manners class**

Fine-tuning is more training. In one well-known method, people compare answers, and the AI learns to **prefer** the ones people liked.

Try: Which answer would you pick: rambling or clear?



Rule of thumb: AI is a well-read guesser with good manners.