

## How AI Robots Work

Imagine an AI as a super-fast text machine that has read huge amounts of text from books, articles, and websites.

It does not think like a human, and it does not “understand” the world. It works by recognising patterns and calculating probabilities.

### 1) AI predicts the next word

AI does not think or feel. It simply predicts the next word in a sentence — and then the next — but it does this incredibly well because it has seen billions of examples.

### 2) AI recognises patterns

When you ask a question, the AI recognises patterns from similar questions and answers written by people.

It is not trying to be smart. It is just continuing the text in the most likely way.

### 3) AI responds extremely fast

The system makes millions of tiny calculations in milliseconds and chooses the words that statistically fit best.

It looks like intelligence — but it is really speed + data + pattern matching.

4) Is AI actually intelligent?

No — not in a human sense.

AI has:

- no feelings
- no will
- no consciousness
- no understanding of right or wrong

It simply makes extremely good statistical guesses.

In short:

AI is like a super-advanced autofill, predicting the next word with remarkable precision.

-----

How can AI handle thousands of requests at the same time?

AI runs on large data centres made of thousands of specialised computer chips.

These servers work in parallel — like having 10,000 employees, each taking one task at the same time.

That is why AI systems can:

- handle many users simultaneously
- process many requests in parallel
- scale instantly when more people start using them

AI does not work one-by-one — it works in massive parallel processes.