

# AI 101: Deep Learning

## VIDEO TRANSCRIPT

What is deep learning?

Let's say you're putting together a jigsaw puzzle. You start by looking for the corners and edges. Then you group pieces by color. And finally combine sections to fill out the picture. Not only have you solved the puzzle – you've just emulated deep learning.

Deep learning AI can run several different programs through different layers of data – and draw conclusions from them. Just like you look for shapes, colors and pictures to solve puzzles, deep learning can gather insights across several inputs to draw a larger conclusion and make better decisions. But deep learning isn't limited to your standard jigsaw puzzle.

It can handle the puzzle of the human body. For example, deep learning is a great help in medical diagnosis, running several tests at once to discover different symptoms, then looking for patterns to see what's causing those symptoms to help doctors diagnose and treat them.

We hope you enjoyed diving into deep learning.