Lesson 4: Deep Learning Fundamentals

Al School

Introduction to Deep Learning

Deep Learning is a subset of machine learning that uses neural networks with multiple layers.

Key concepts include:

- 1. Neural Networks
- 2. Backpropagation
- 3. Activation Functions
- 4. Training and Testing

Neural networks are inspired by the human brain and consist of interconnected nodes (neurons). Each connection has a weight that determines its importance.