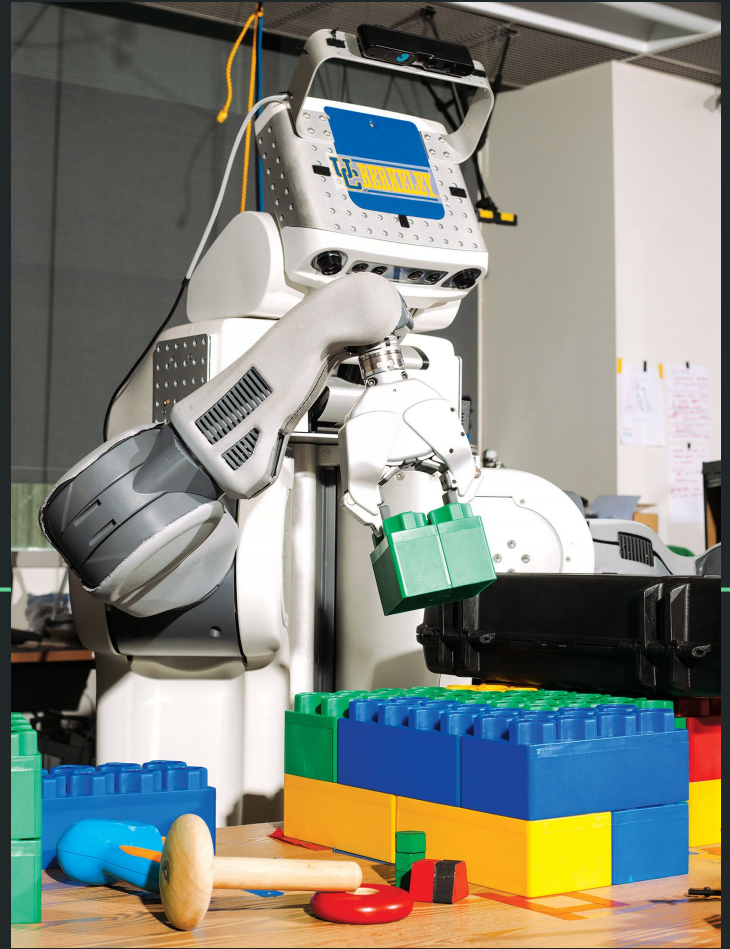# Artificial Intelligence

The Future of Technology

By Daniel Allex

What is AI?

- Computers doing human tasks

Applications of AI

- Healthcare
- Education
- Finance
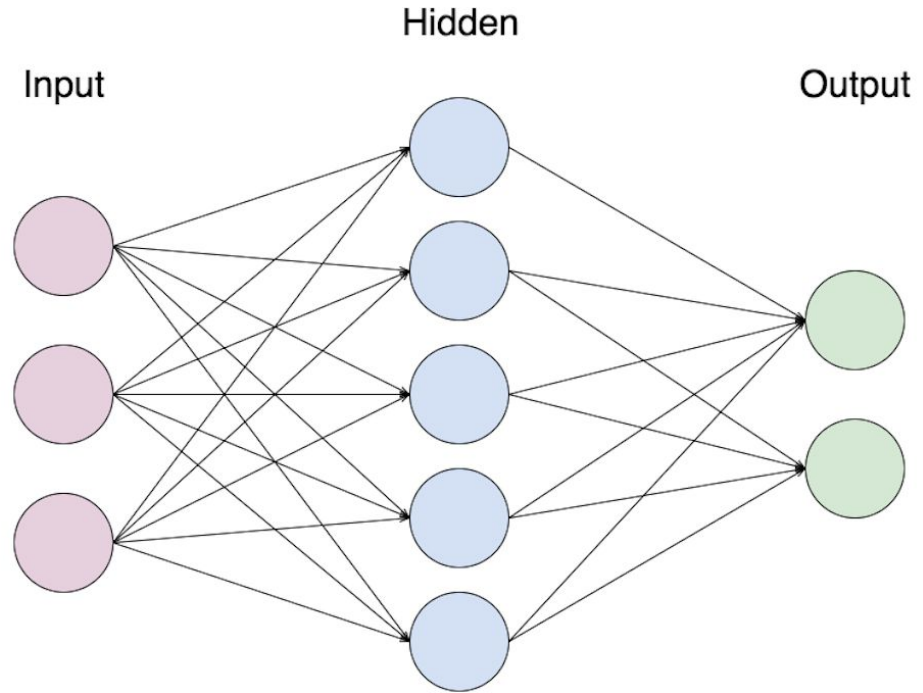- Transportation
- Manufacturing

Understanding Language

- Language is complex for computers
- Computers must understand the:
  - Syntax
  - Semantics
  - Context

Artificial Neural Networks

- Based off of neurons in brain
- Neural network must be trained
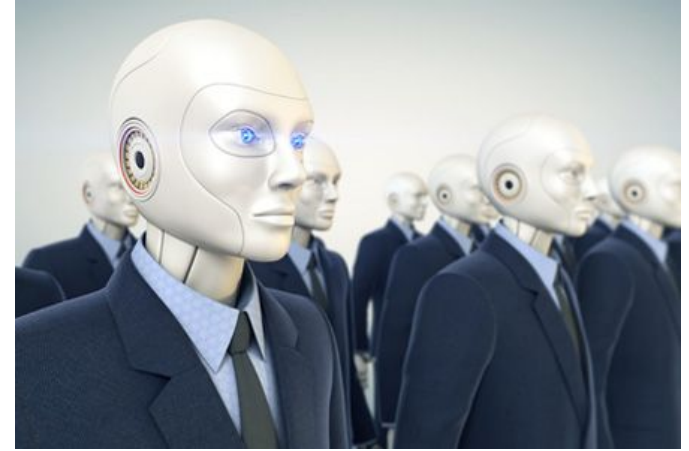- Learns by updating weights

Positives of AI

- Fast decisions and calculations
- No error
- No bias
- Emotions don't impact decisions
- Take boring jobs
- Doesn't need breaks

Negatives of AI

- Increase in unemployment
- Cyberattacks
- High cost to build and repair
- Does not have creativity
- Cannot make ethical or logical decisions

My Stance on AI

- Should continue being developed
- Will make life easier
- Security should be a priority
- Benefits given after jobs replaced

Main Topics

- Applications of AI
- How AI understands language
- Artificial Neural Networks
- Positives and negatives