

## What is Artificial Intelligence?

A computer program that can learn from its mistakes. It gets “smarter”...

...An example: Google's “AlphaGo” computer program



Results...

AlphaGo = 4 wins  
Lee Sedol = 1 win

## What is “Big Data”?

A computer “looks” at...

thousands / millions of “data points”



Then the computer “sees”...

patterns that humans cannot see (easily)



# How Did Google Use AI to Predict Life Expectancy?

A computer "looked" at...  
over 46,000,000,000 facts / "data points"  
in 216,221 patient records  
of very sick people



Then the computer "saw"  
patterns about how long the patients will live

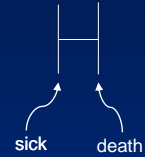


Results:  
Computer predictions were over 95% accurate  
This was better than all current methods



# Google predicts how long you will live – The Future?

May 2018



The Future?



Some Questions:

- Do sick people want to know?
- Do "old" people want to know?
- Do you want to know?