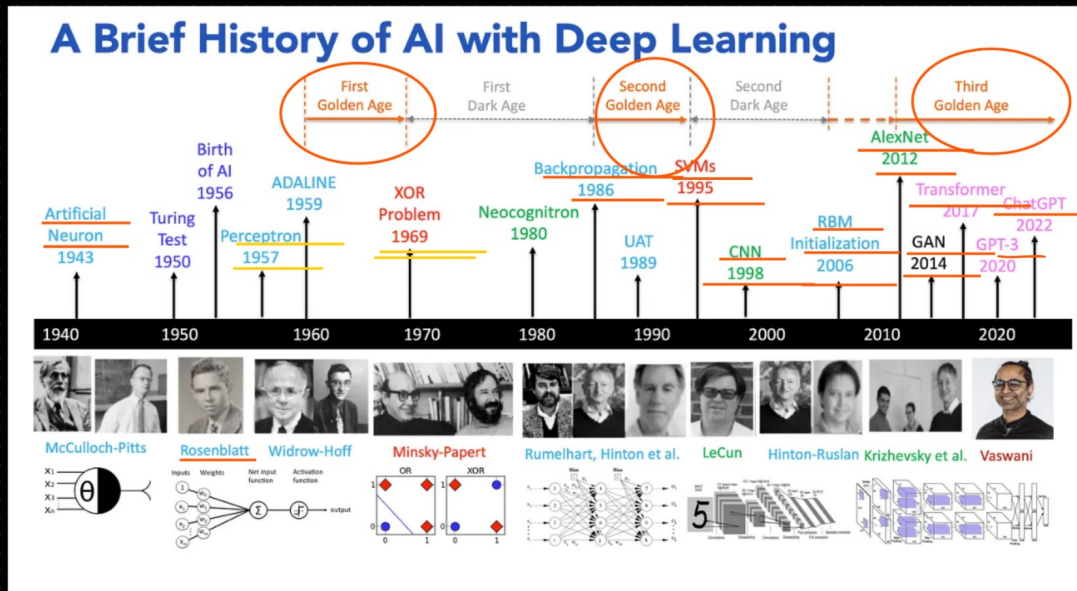
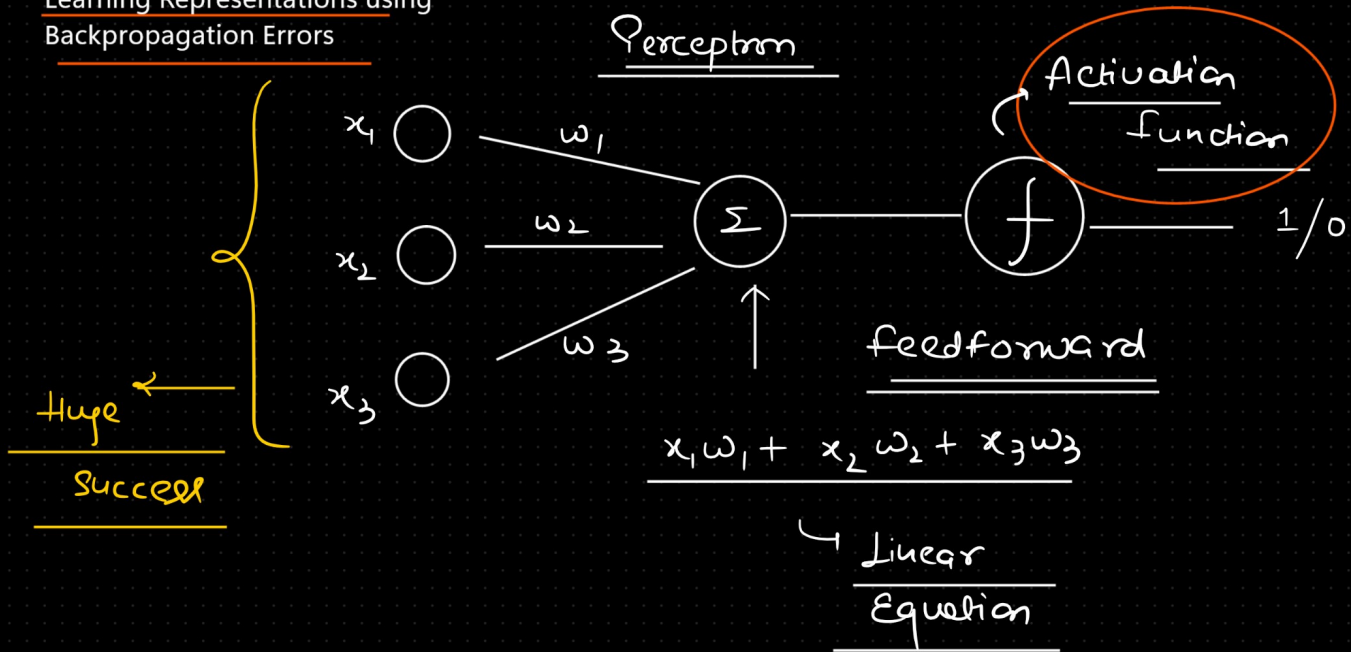


Deep Learning History



Learning Representations using Backpropagation Errors

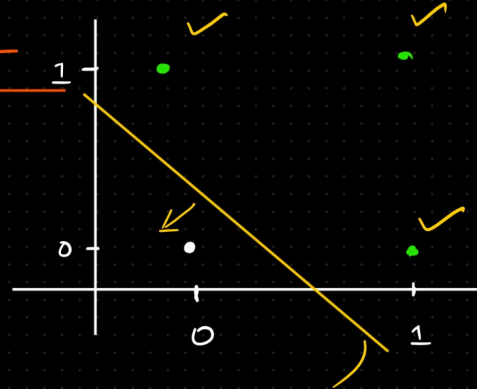


Linear function

↳ Classification

OR function

<u>I_1</u>	<u>I_2</u>	<u>output</u>
0	1	1
1	1	1
1	0	1
0	0	0



Easy

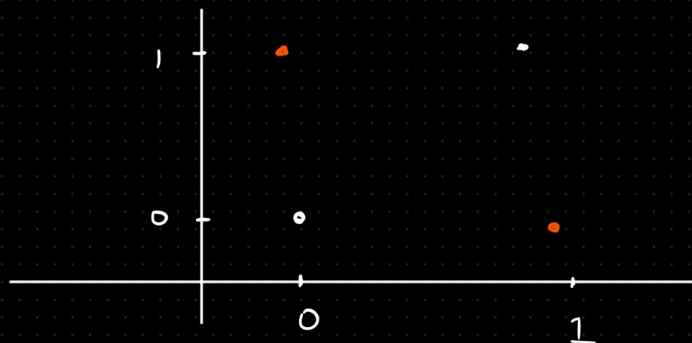
→

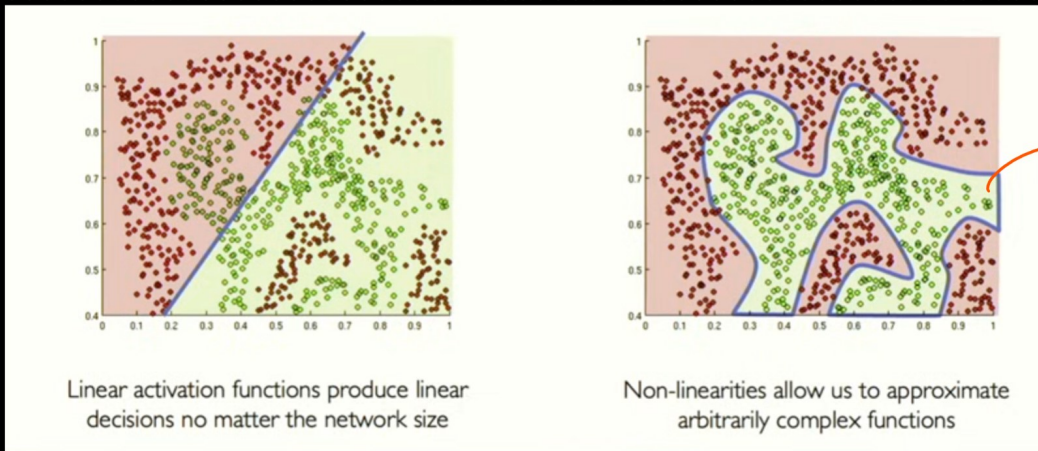
Best fit
line

function

XOR → non-linear function

<u>I_1</u>	<u>I_2</u>	<u>output</u>
0	0	0
0	1	1
1	0	1
1	1	0





Arbitrarily
Complex
function

{
→ Labelled data
→ Resource (GPUs)