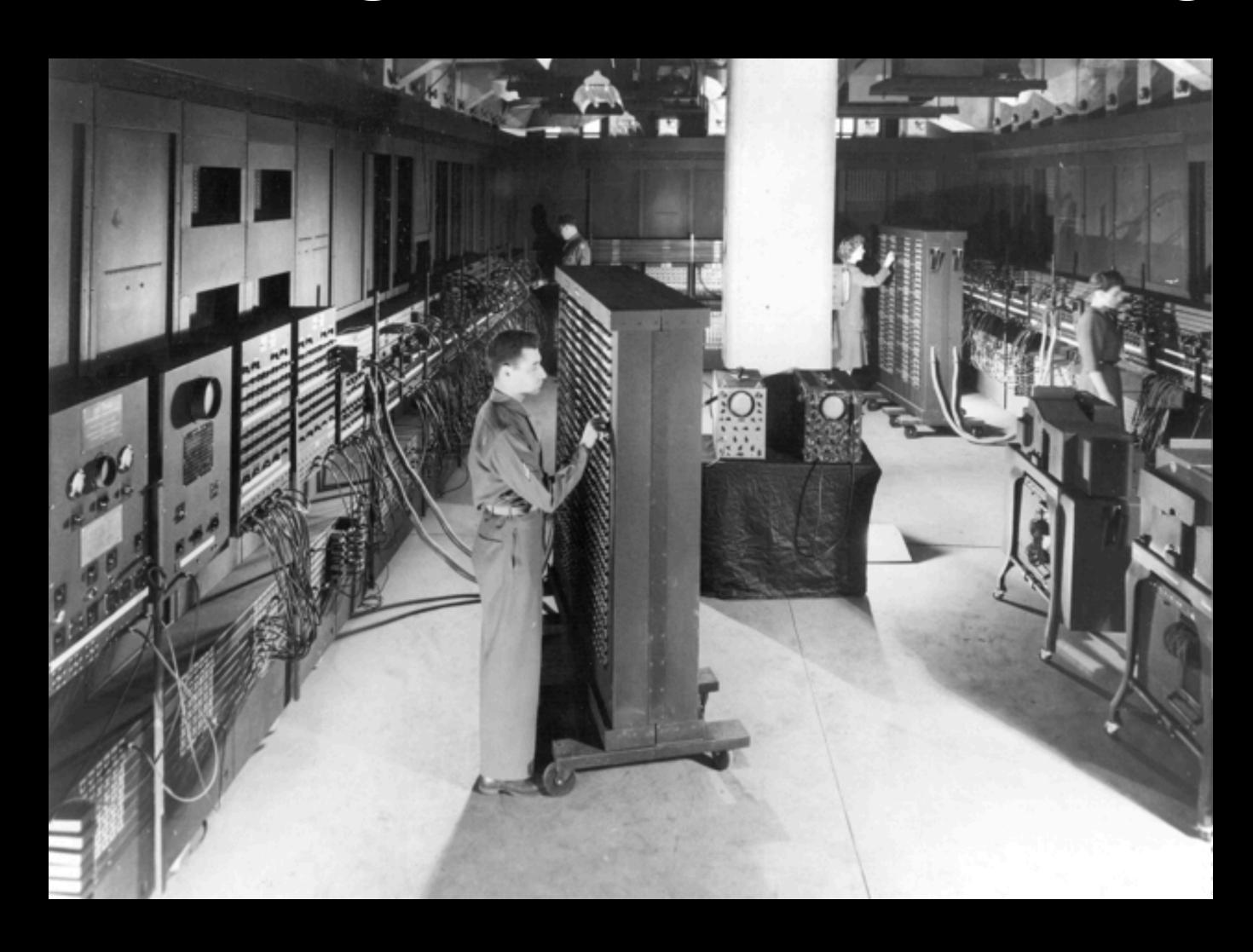
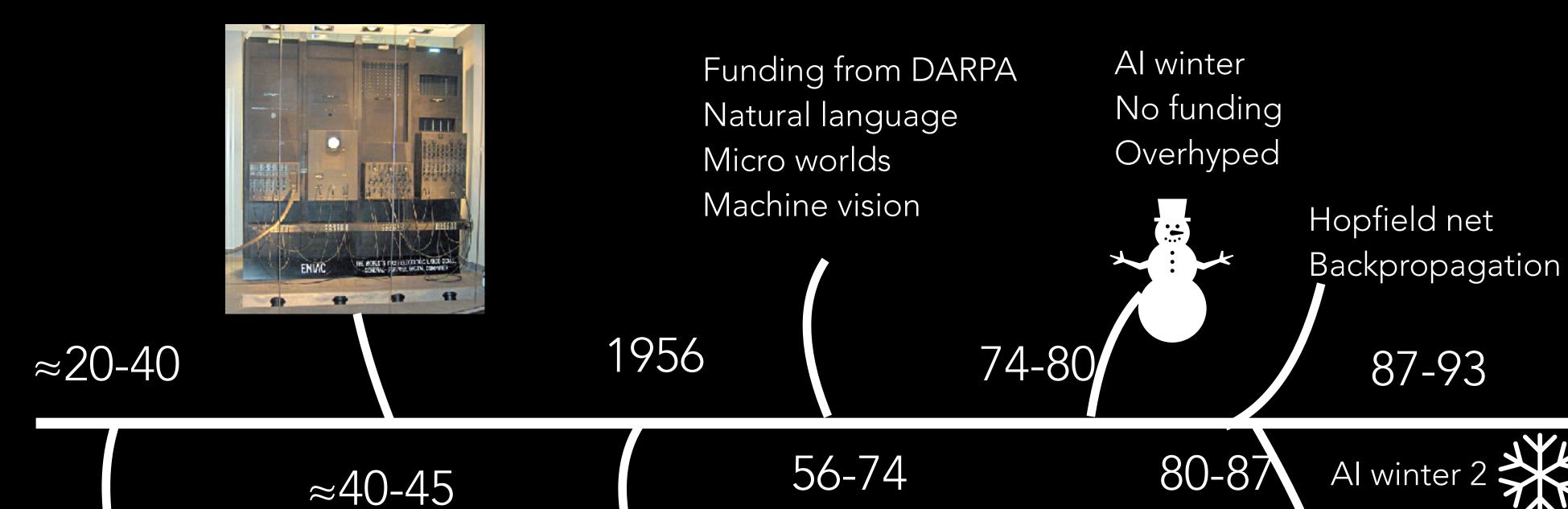
INTRO TILL AI - HISTORIA



Computers



 $\overline{A} \cup \overline{B} = \overline{A \cap B}$ $\overline{A} \cap \overline{B} = \overline{A \cup B}$

Formalize & mechanize mathematical reasoning



Al as academic research



WABOT

0-87 Al winter 2 \$ 93-2011

Success in

tech industry



Expert systems

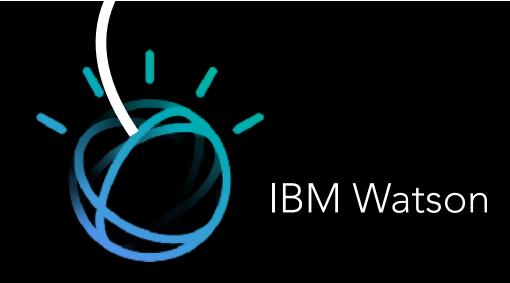
If-then rules

DARPA challenge Autonomous drive 1997

Big data GPUs 2011 Big hype again



2005



2011 - now











Deep blue

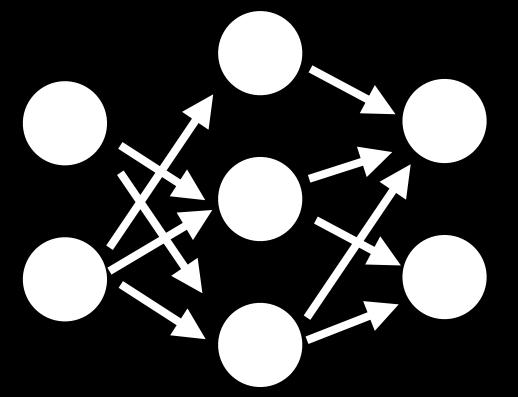
Machine learning

Started as quest for Al Probabilistic & statistical methods Pattern recognition

Flourish in 1990s

Deep learning

Artificial neural networks
Inspired by brain - not model of brain
Important algorithms in 90s
Popular in 2012 (thanks to GPU & data)



Artificial intelligence

