Neural Network History: 1986-2012

Early Neural Networks

AI Winter / SVM Era

Deep Learning Revival

Backpropagation
Rumelhart et al.

LSTM
Hochreiter

LeNet-5
digit recognition

GPU training
breakthroughs

1986 1988 1990 1992 1994 1996 1998 2000 2002 2004 2006 2008 2010 2012

LeNet
LeCun

SVM dominance
begins

Deep Belief Nets
Hinton

AlexNet
ImageNet victory