## Deep Learning

## History of Neural Networks

- \* Perceptron (1957) [Roosenblat]. { loosely Inspired by biological neuron?
- \* Then later realized brain is a network of such neurons. so, come up with
- Neural Networks (1986) [Hinton]. { Backpropagation to train } chain rule only
- \* Due to lack of computation power, & algorithmic advancements, (had problims training deep N/w).

NINS couldn't take off En 9050

\* Breakthrough - 2012 - ImageNet dataset .- Deep NN beat officer models by a luge margino

- \* First, well learn classical NN. & their limitations.
- then, Deep NN, CNN, RNN & LSTMS.























