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Lecture 13/16 : Stacking RBMs to make Deep Belief Nets

Deep Learning with Tensorflow - Deep Belief Networks

But what is a Neural Network? | Deep learning, chapter 1

Neural networks [7.7] : Deep learning - deep belief network

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Networks (by Elisa Sayrol) Deep Learning State of the Art

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Geoffrey Hinton | UofT] Deep Learning using Deep Belief
Network Part-1~~

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~~Ghods, Lec [7], Deep Learning , Restricted Boltzmann
Machines (RBMs) Lec [4,2]: Deep Learning, Sum-Product~~

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In machine learning, a deep belief network (DBN) is a generative graphical model, or alternatively a class of deep neural network, composed of multiple layers of latent variables ("hidden units"), with connections between the layers but not between units within each layer.. When trained on a set of examples without supervision, a DBN can learn to probabilistically reconstruct its inputs.

~~Deep belief network - Wikipedia~~
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Deep-belief networks are used to recognize, cluster and generate images, video sequences and motion-capture data.

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A continuous deep-belief network is simply an extension of a deep-belief network that accepts a continuum of decimals, rather than binary data. They were introduced by Geoff Hinton and his students in 2006. MNIST for Deep-Belief ...

~~Deep Belief Networks~~ | Pathmind

Deep belief nets are one of the most exciting recent developments in artificial intelligence. The structure of these elegant models is much closer to that of human brains than traditional neural networks; they have a 'thought process' that is capable of learning abstract concepts built from simpler primitives.

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