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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.

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

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