

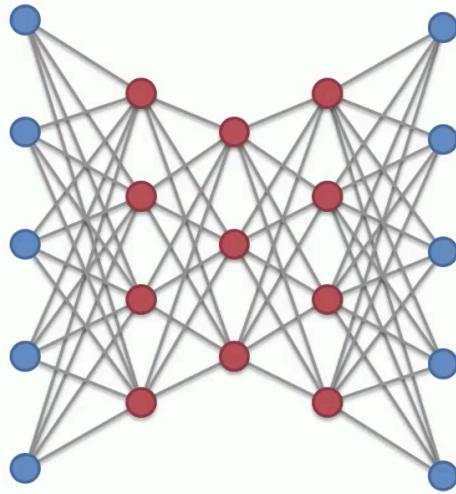
# Deep Autoencoders

## Deep Autoencoders

Stacked AE <> Deep AE

Stacked autoencoders are not same as the deep autoencoders

# Deep Autoencoders



Machine Learning A-Z

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This is the deep auto encoder. These are the restricted Boltzmann machine that are stacked and pre-trained layer by layer then they unrolled then they're fine-tuned with back propagation.

# Deep Autoencoders

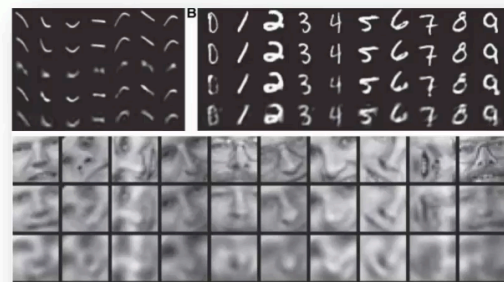
Additional Reading:

*Reducing the Dimensionality of Data with Neural Networks*

By Geoffrey Hinton et al. (2006)

Link:

<https://www.cs.toronto.edu/~hinton/science.pdf>



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