

# Deep Boltzmann Machines

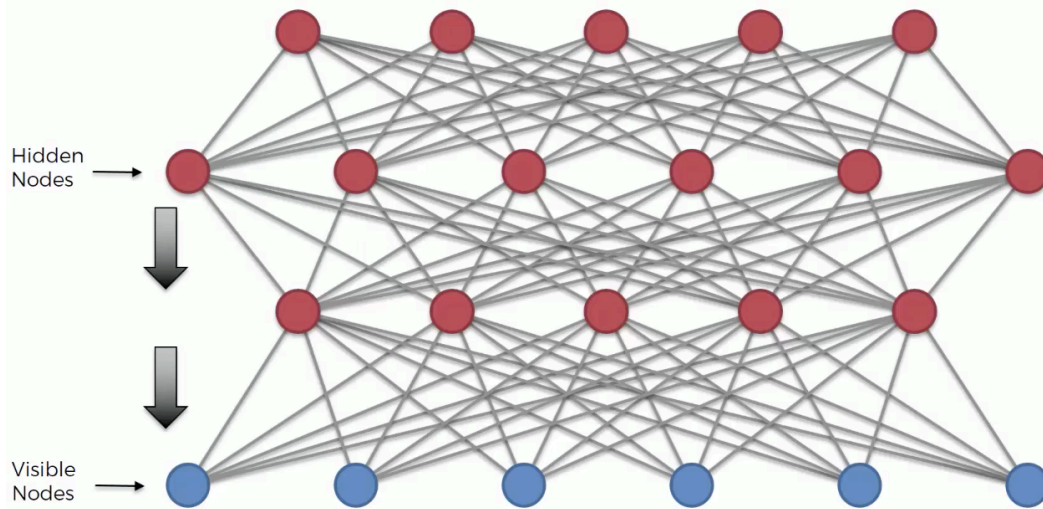
This is a light tutorial just for mentioning the names and it's not in this course.

## Deep Boltzmann Machines (DBM)

DBN <> DBM

Deep belief network is not deep boltzmann machines

## Deep Boltzmann Machines (DBM)

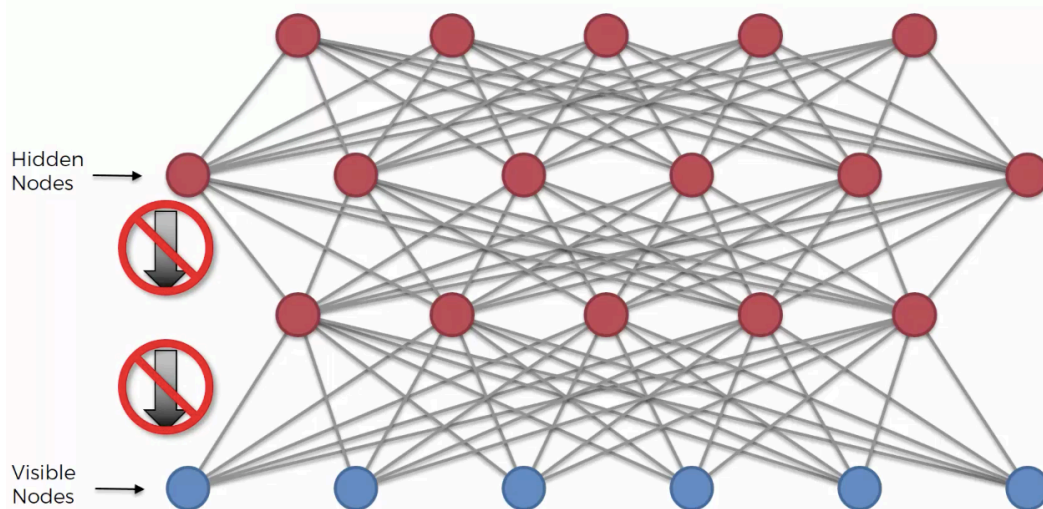


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Deep belief network

## Deep Boltzmann Machines (DBM)



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In DBM, we don't deprive the network of the directedness of its connection. DBM can extract the features that are more sophisticated so it could be used in a more complex problem.

# Deep Boltzmann Machines

Additional Reading:

*Deep Boltzmann Machines*

By Ruslan Salakhutdinov et al. (2009?)

Link:

<http://www.utstat.toronto.edu/~rsalakhu/papers/dbm.pdf>

