Propagation

Neural Networks
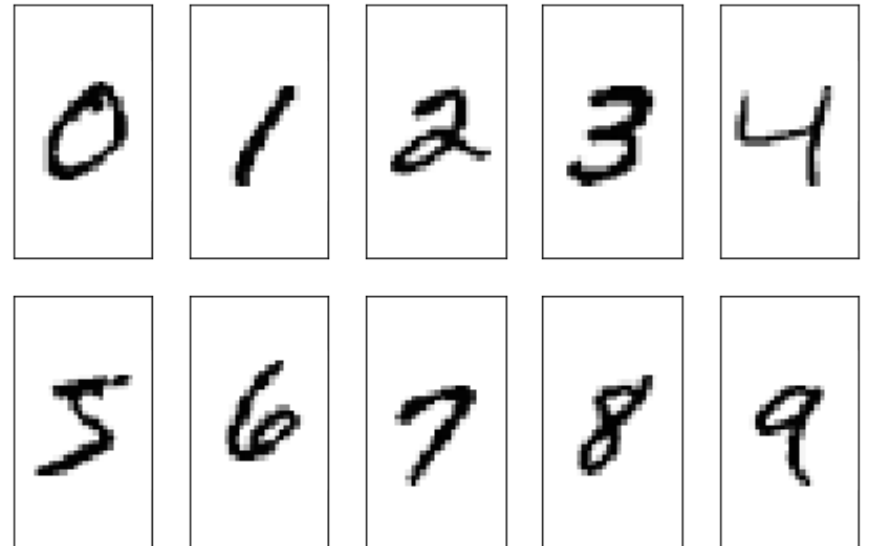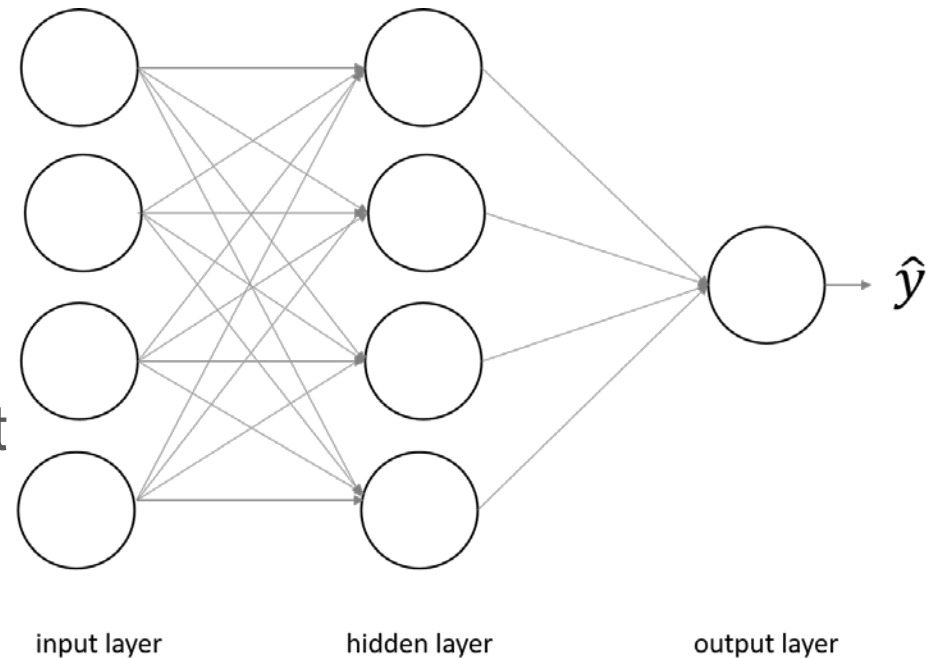
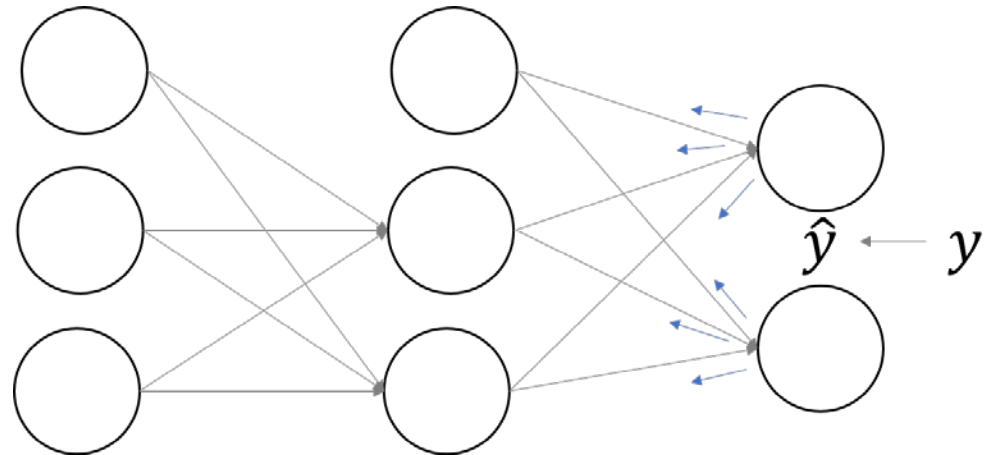School of Information Studies
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Forward Propagation

- Start at input layer
- Forward propagate patterns
- Calculate error
- Calculate network output
- Threshold function

input layer   hidden layer   output layer

Source: Adapted from Raschka (2015).

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Back Propagation

- Computationally efficient

- Matrix – vector computation

$\hat{y} \leftarrow y$

Source: Adapted from Raschka (2015).

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