

Video: Neural Networks in 5 minutes
by Simplilearn

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Applications

- Many applications - facial recognition
- forecasting weather, music comp.
- ~~process~~ process data

Composition

- made up of layers of neurons.
- hidden layers do the computation
- data always moves forward through channels
- weight determines activation

Training

- outputs are probabilities
- back propagation adjusts activation.
- it gradually learns
- this takes a long time

There are many applications of ANNs. ANNs are made up of layers of artificial neurons which move data from an input layer to an output. The output is a probability. Learning is the gradual adjustment of activation through back propagation.