

# L3

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- Vision Cortex
- Auditory Cortex
- Somatosensory cortex  
these guys can learn other senses when their primary functions are severed
  - So there may be just one algo behind this
- Perception based algorithms
  - Eg. recognising text and stuff
- focus onto the given problem is going down, but it's not
  - $\implies$  We can't say much about DL
  - We need to tune our DL algorithm, but we can't do a one-for-all algo

Pack learning , Bounce of learning etc.

No free lunch theorem

- averaging over all possible data generation distributions, Every classification algorithm has the same error rate, classifying previously unobserved points.
  - you should not look for a universal learning algorithm
- There is a proof

DL - did better than SVM for handwriting recognition

TL;DR - DL is kinda scam term only for nicer NN