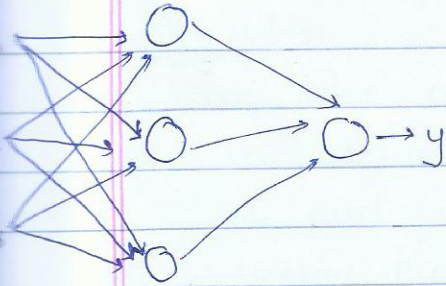
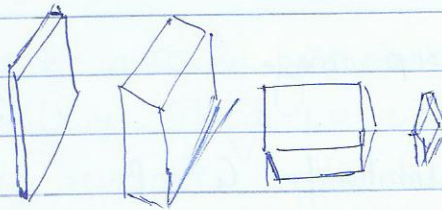


# Deep Learning Specialization

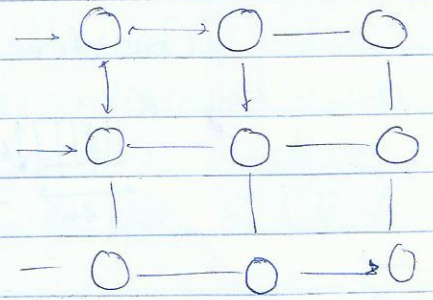
CNNs used for image Related stuff - photo tagging, Image Recognition  
 RNNs used for temporal data - speech recognition, NLP, autonomous driving



Standard NN



Convolutional NN

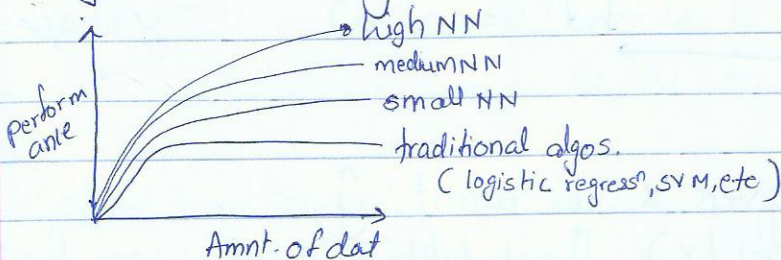


Recurrent NN

## Supervised Learning

- 1) Structured data  
 Tabular format  
 Each column has a well-defined meaning
- 2) Unstructured data  
 Audio, text, images

## Why deep learning?



For small training sets, the performance mainly depends on the hand engineered features

