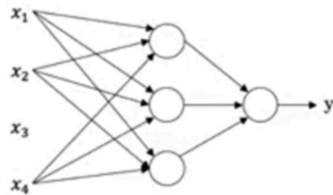


Research Notes

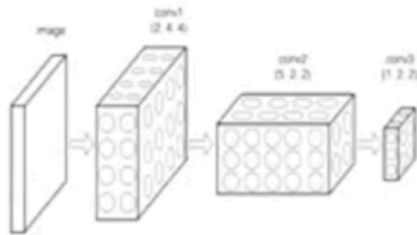
- ReLU = Rectified Linear Unit

Different types of Neural Networks:

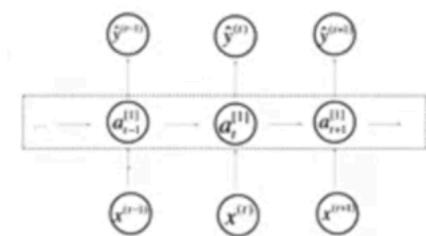
- SNN(Standard Neural Network)
 - Processes data in one direction
 - Commonly used for online advertisement



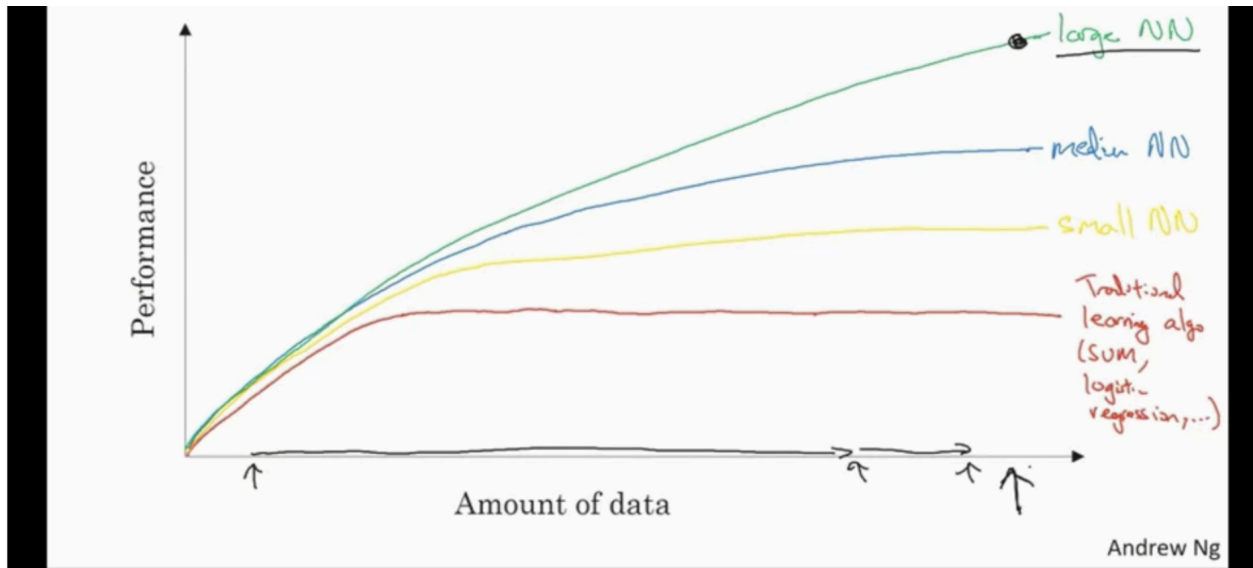
- CNN(Convolutional Neural Network)
 - Commonly used for photo tagging



- RNN(Recurrent Neural Network)
 - Commonly used for sequence data(Machine translation, speech recognition)



- **Structured data** refers to organized data for a dataset that are features with a set meaning.
- **Unstructured data** refers to things like raw audio, text, or images. Computers aren't as efficient at handling unstructured data, but with the use of neural networks, computers are able to interpret it more accurately than in the past.



- With larger neural networks, the more data you use to train the model, the better its performance will be. Smaller neural networks may suffer from a plateau when training with larger amounts of data, as they become overwhelmed with the information.