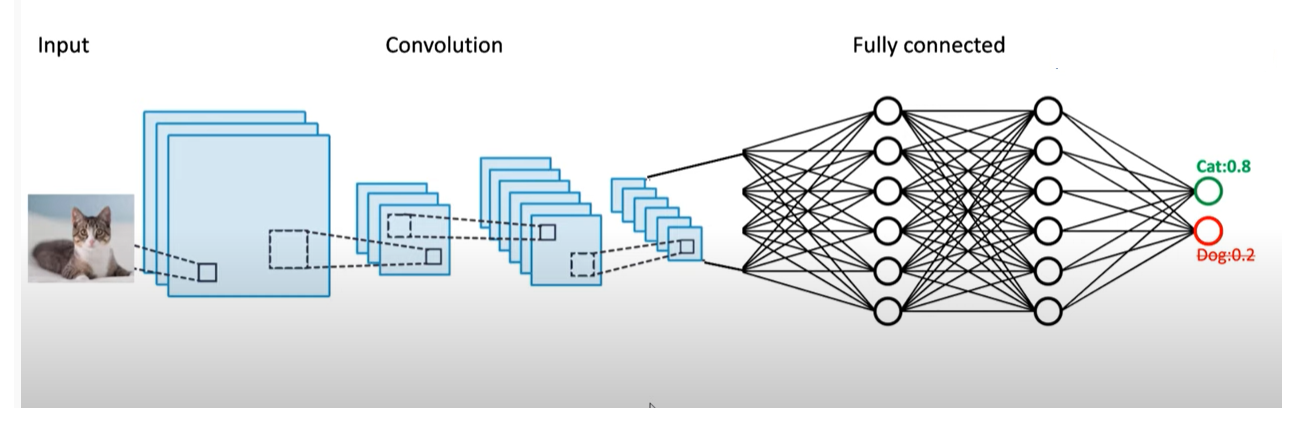
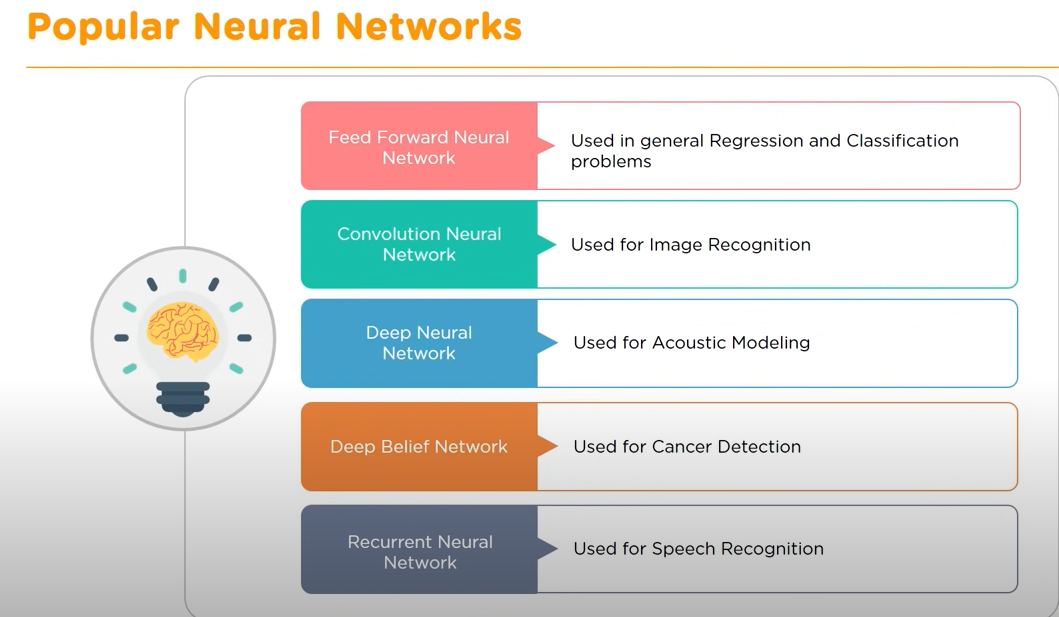
**An Introduction To Recurrent Neural Networks**

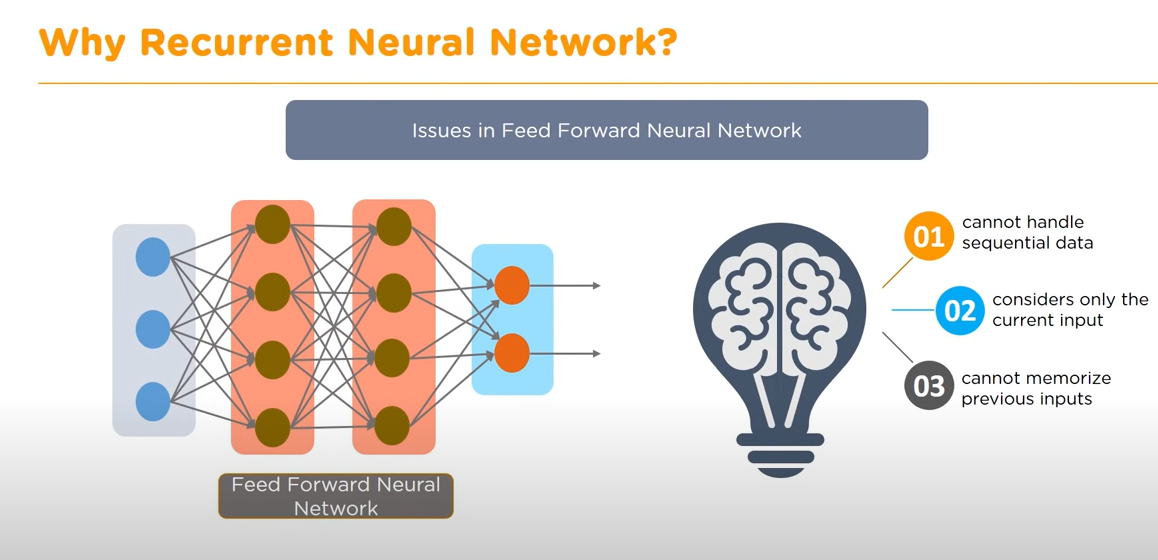
When it comes to sequential or time series data, traditional feedforward networks cannot be used for learning and prediction.

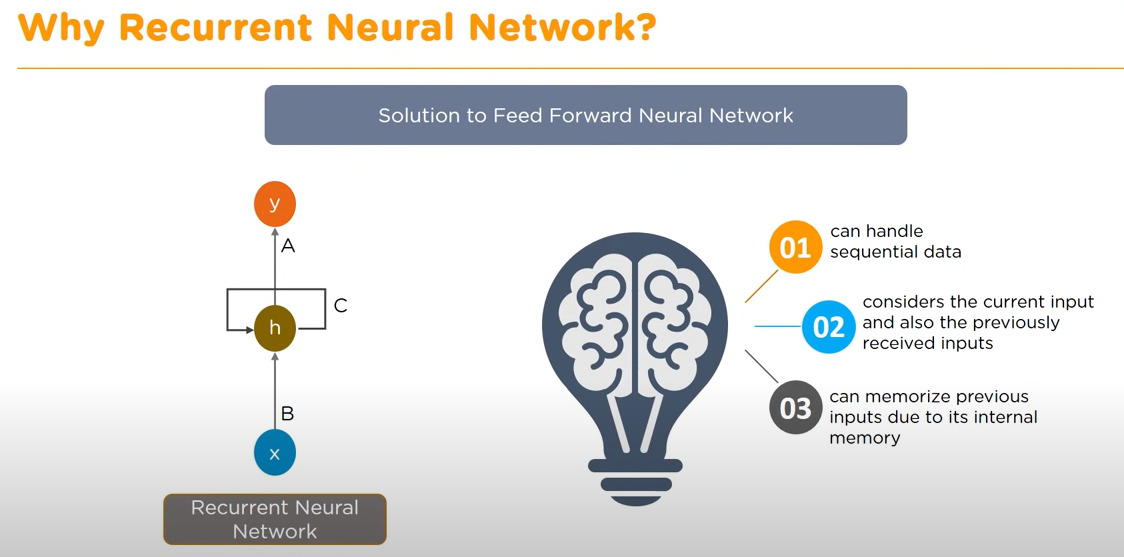
A mechanism is required that can retain past or historic information to forecast the future values. Recurrent neural networks or RNNs for short are a variant of the conventional feedforward artificial neural networks that can deal with sequential data and can be trained to hold the knowledge about the past.

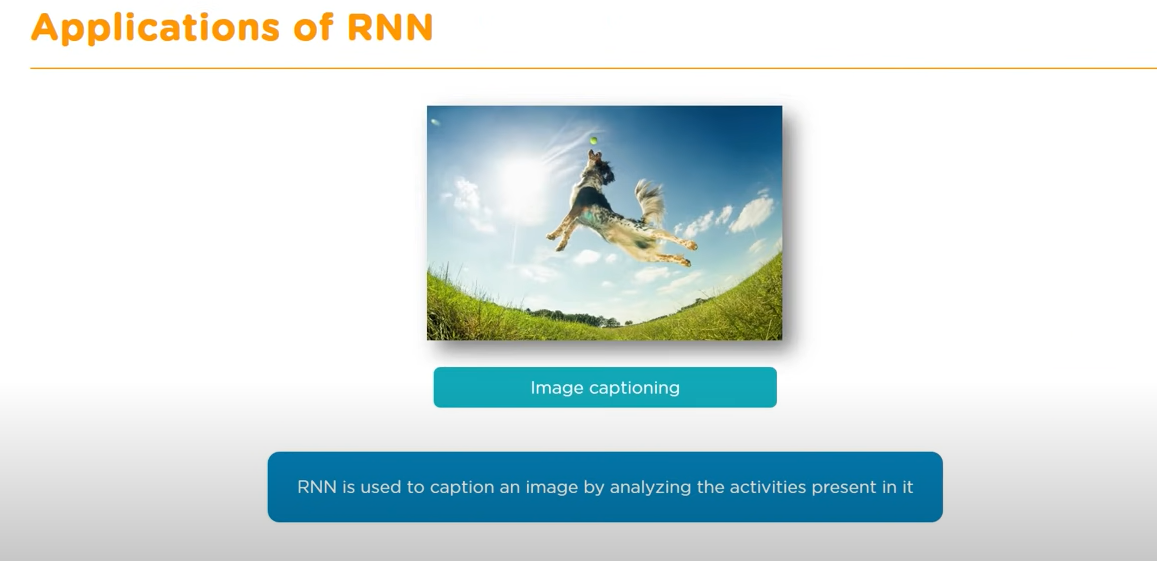






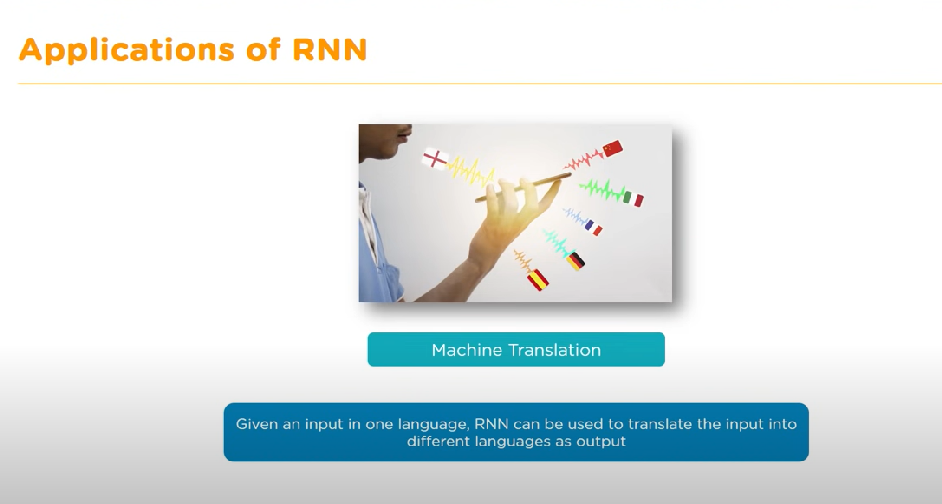




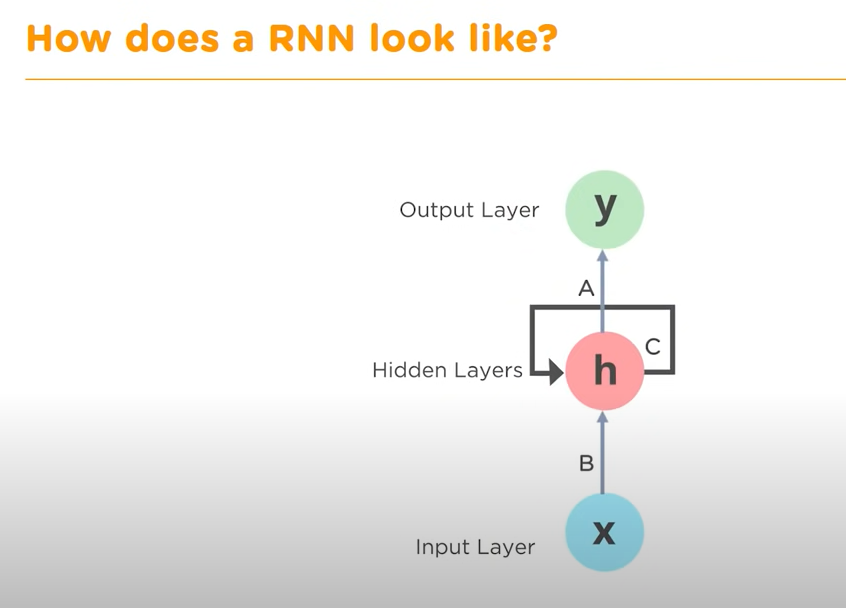


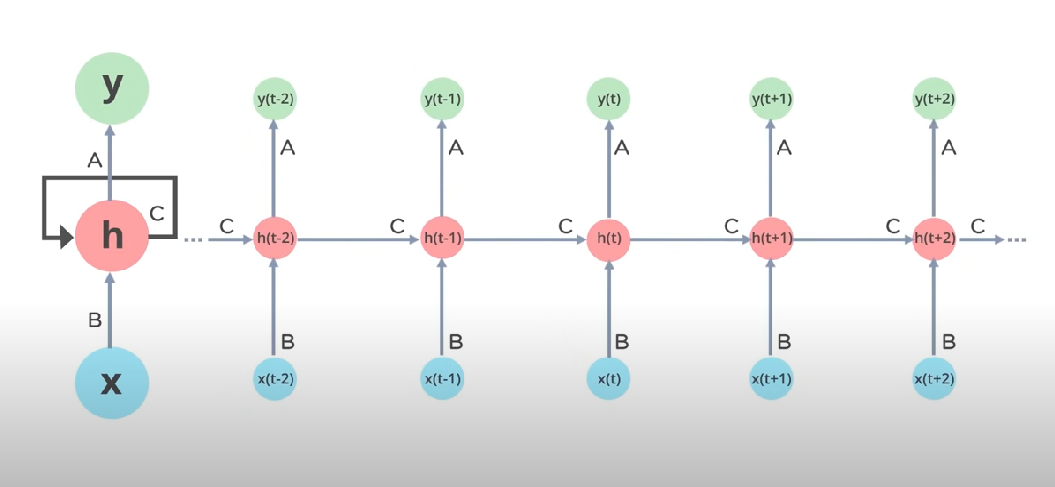


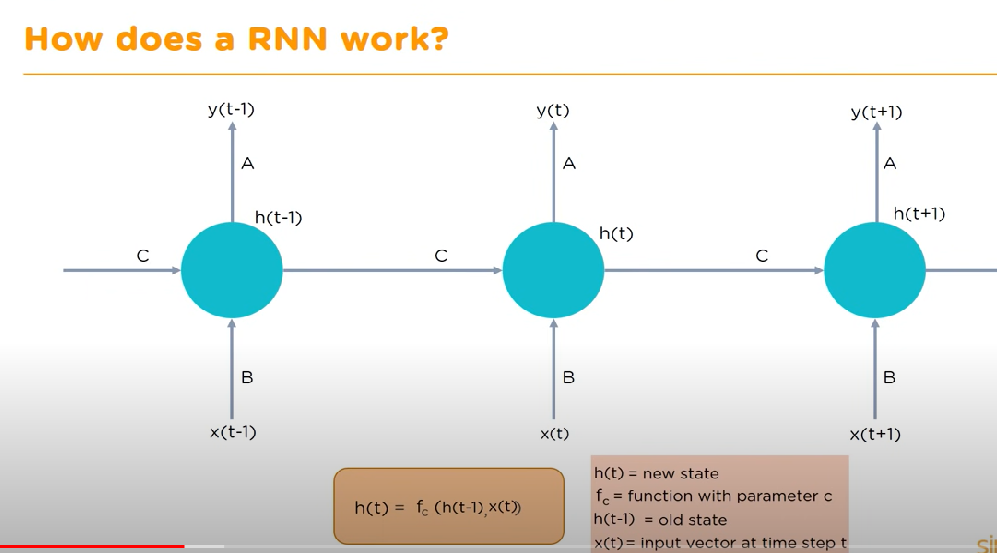


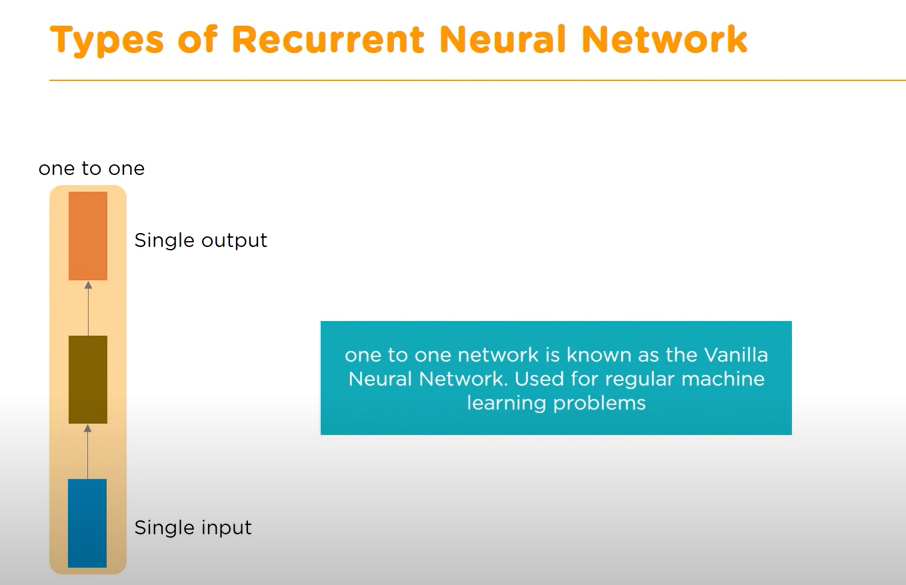


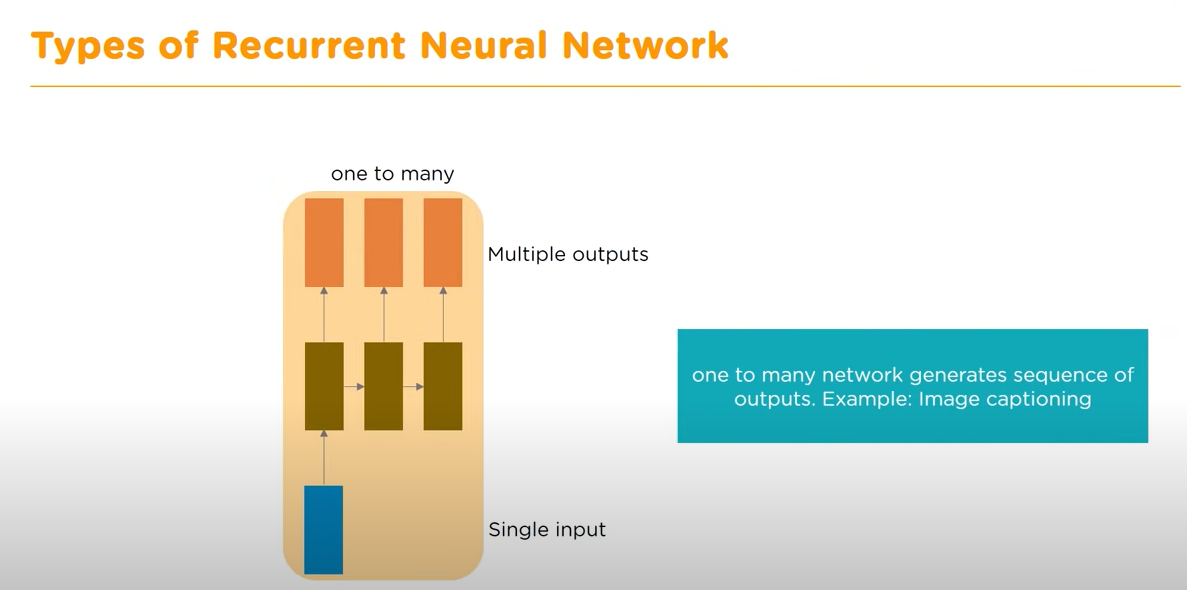


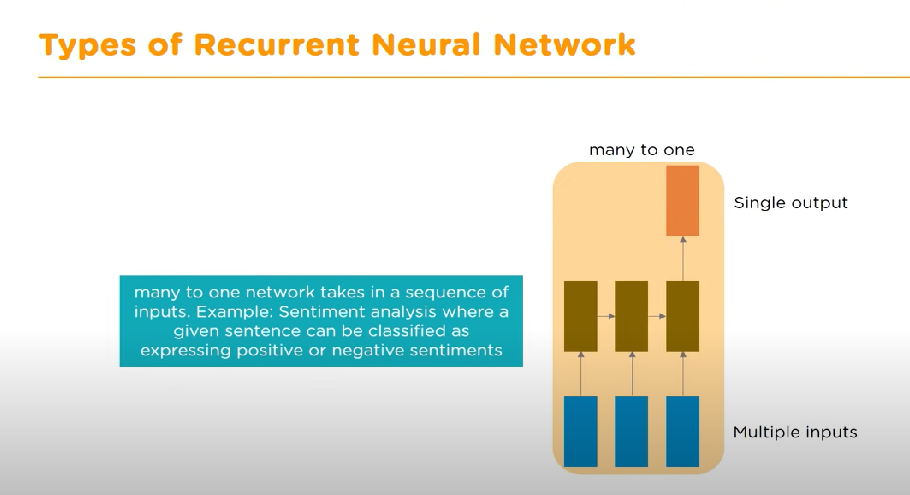


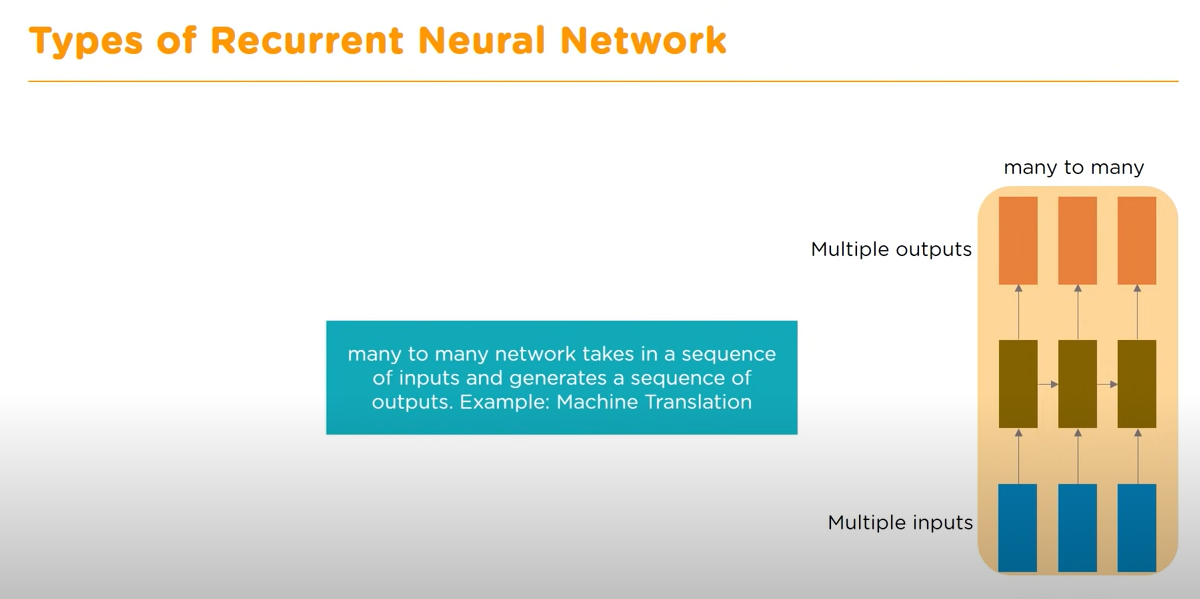


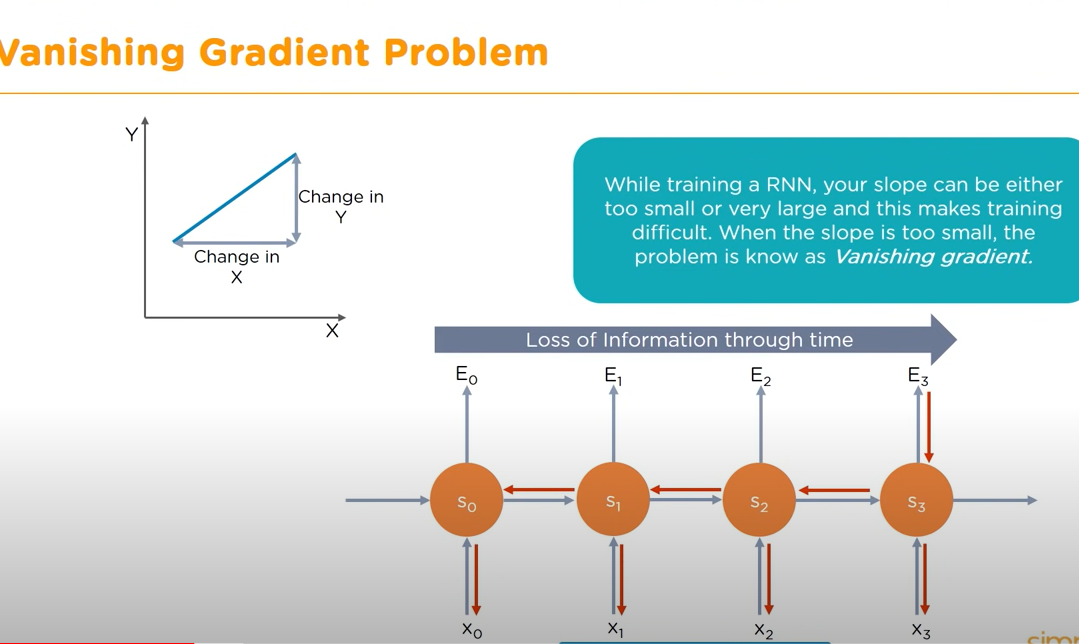


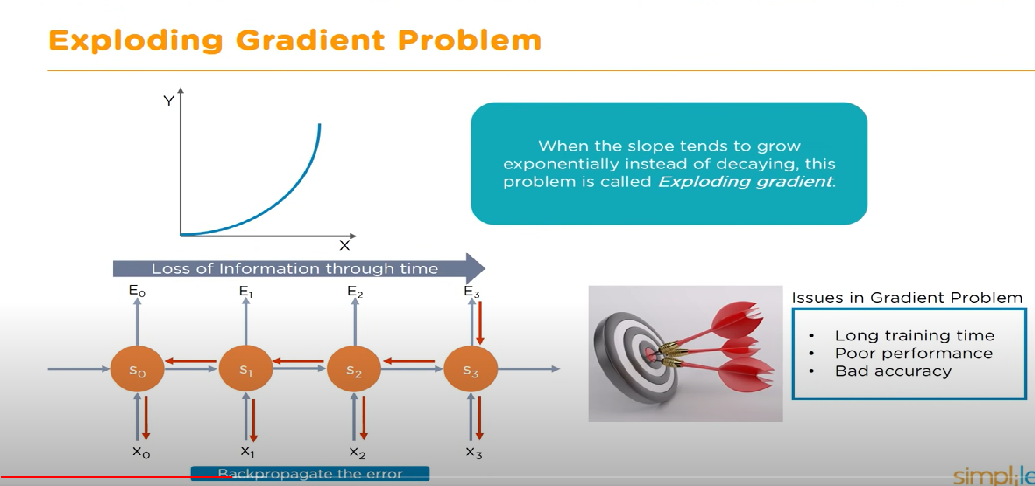


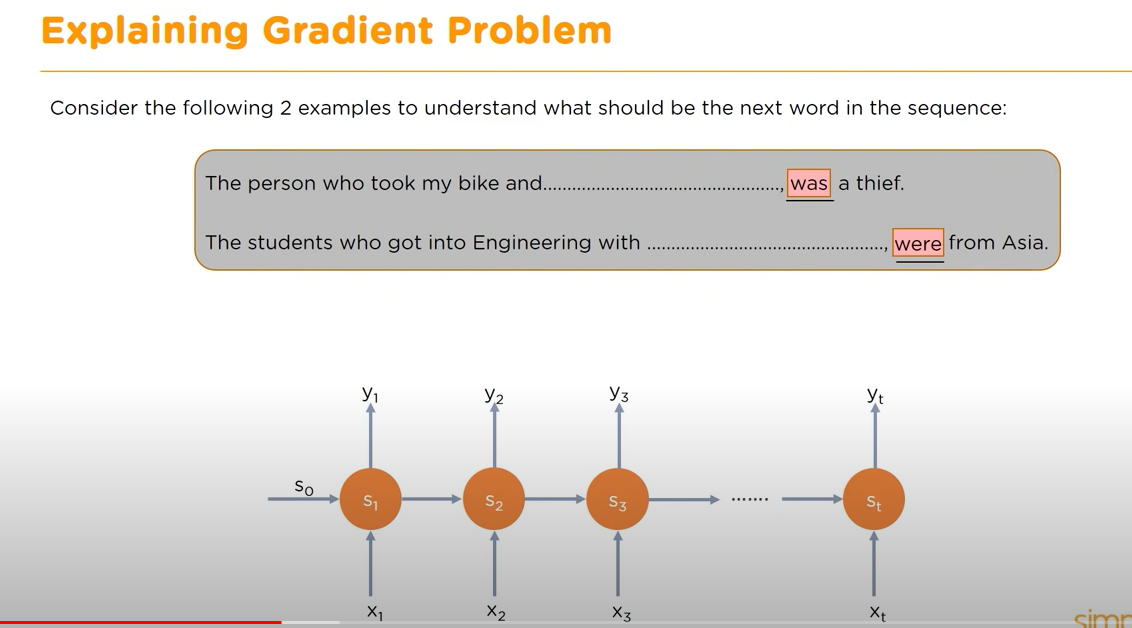




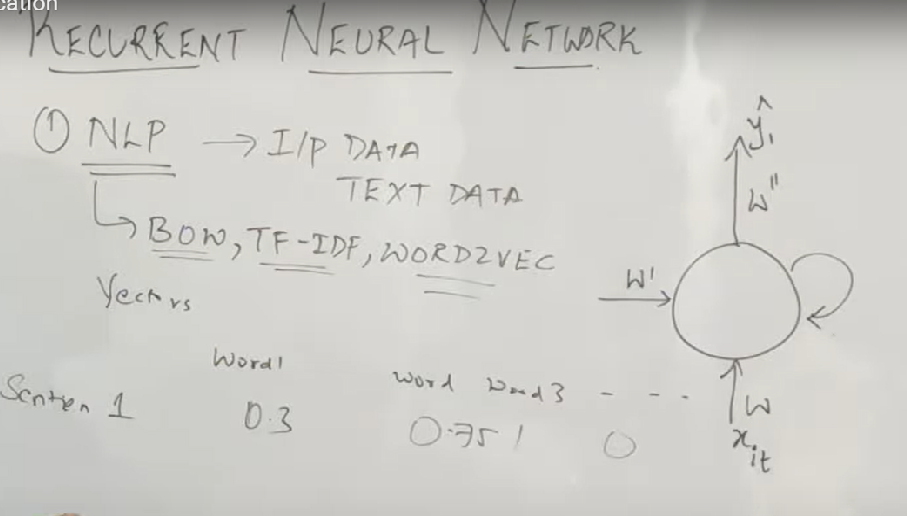


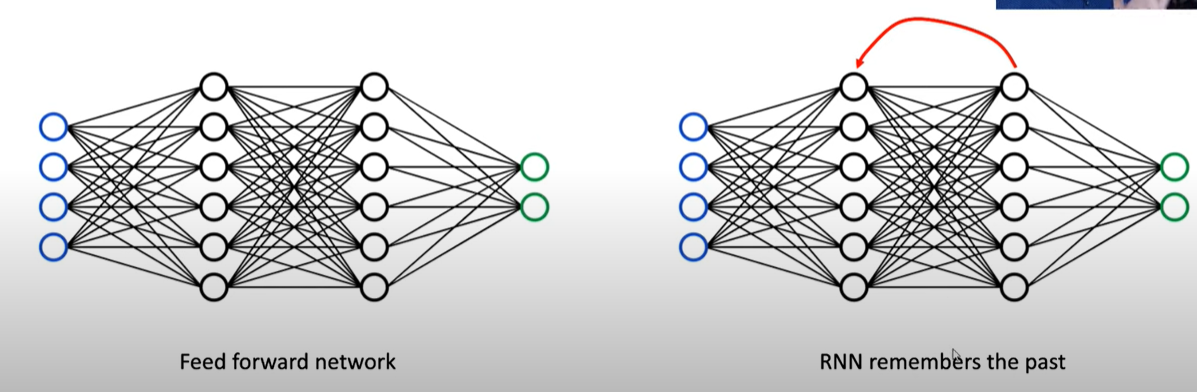


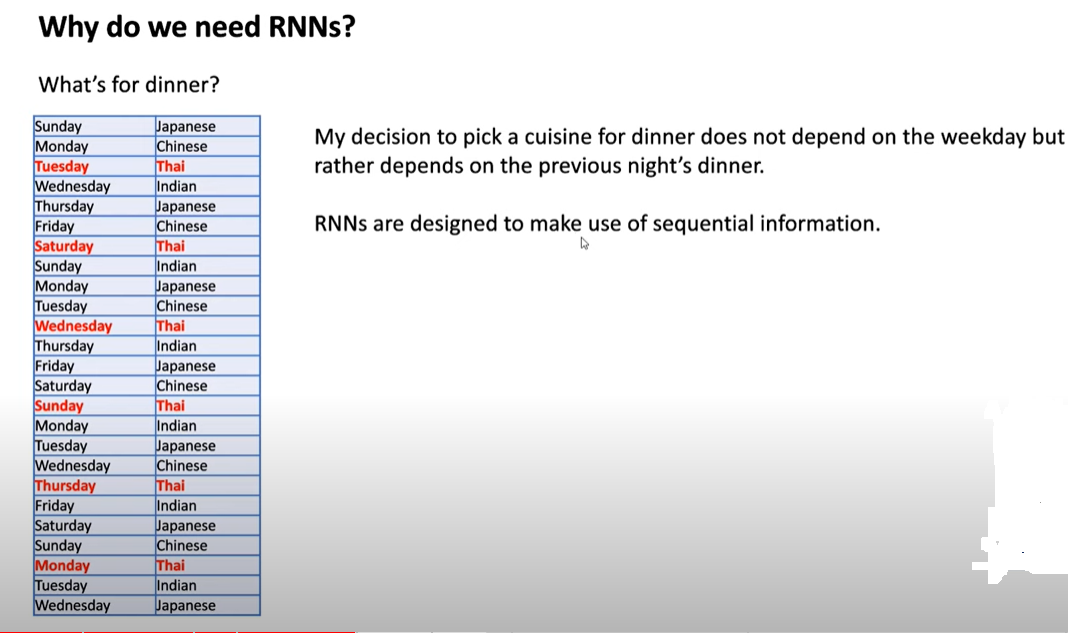


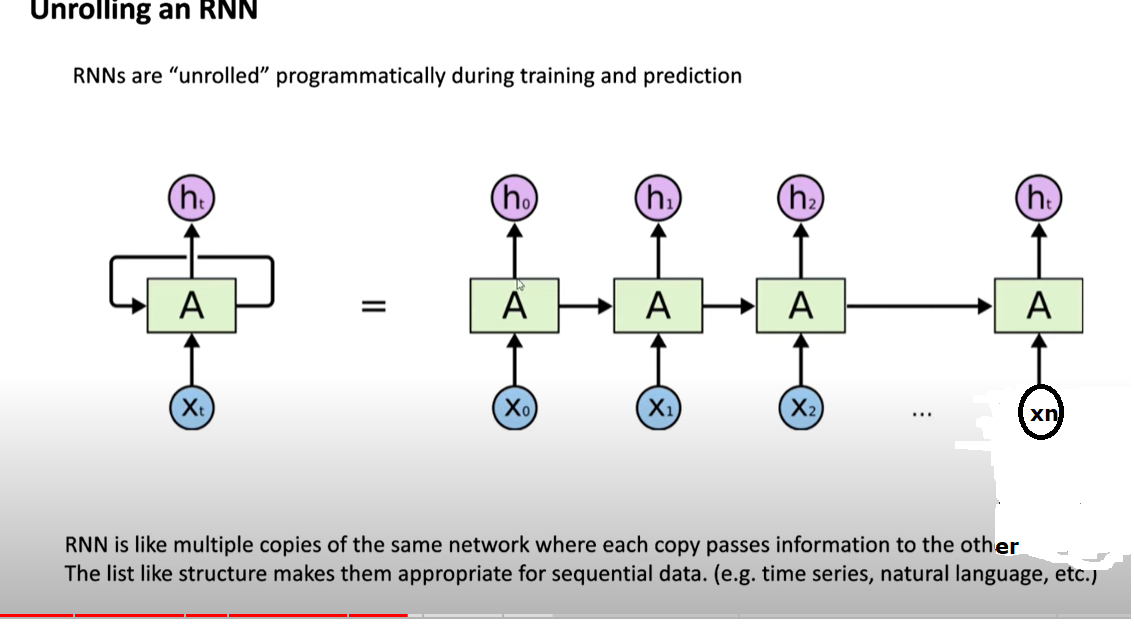


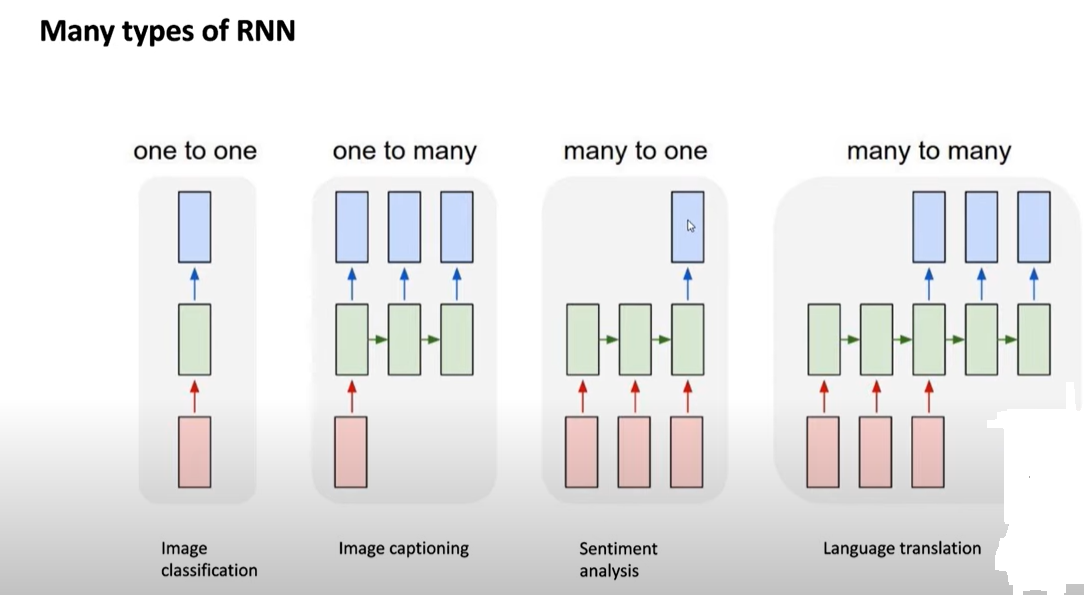
https://www.youtube.com/watch?v=lWkFhVq9-nc

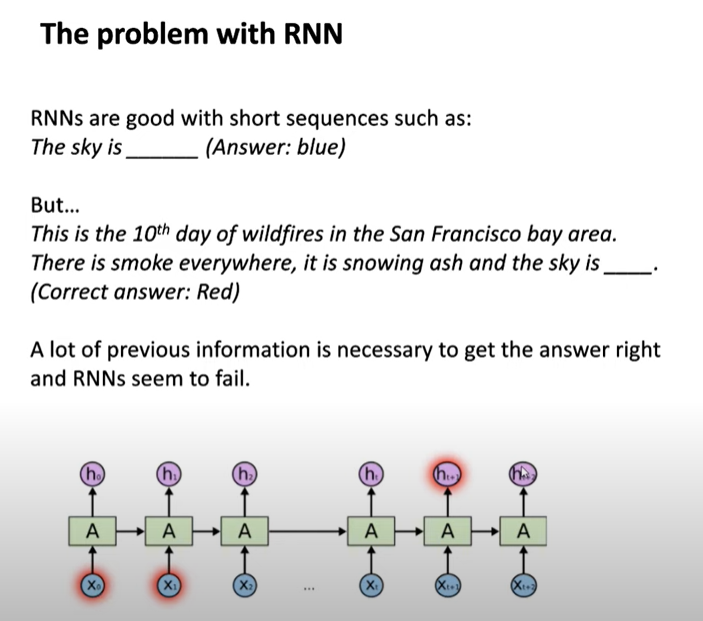


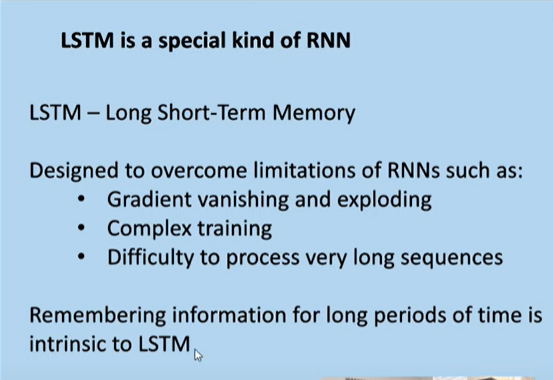








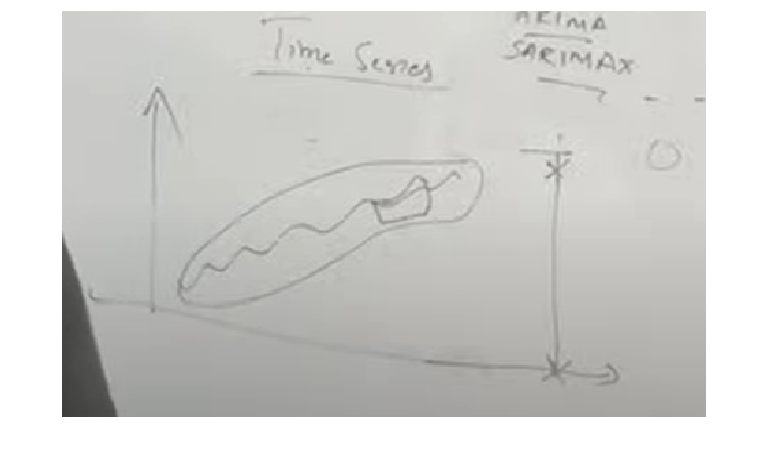




Sequence information is discarded in earlier, BOW , TFIDF and Word to vec METHODS.

Sequence information is very important for google assistant, alexa and NLP process.

For Time Series Data RNN works well.



Ex Dog is Jumping on table text is converted into image

