

# Recurrent Neural Networks

# Different types of RNNs

## Examples of sequence data

Speech recognition

Music generation

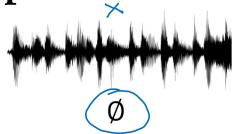
Sentiment classification

DNA sequence analysis

Machine translation

Video activity recognition

Name entity recognition



"There is nothing to like in this movie."

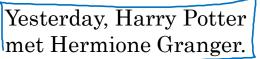
AGCCCCTGTGAGGAACTAG

Voulez-vous chanter avec









Tx Tu

"The quick brown fox jumped over the lazy dog."



AGCCCCTGTGAGGAACTAG

Do you want to sing with me?

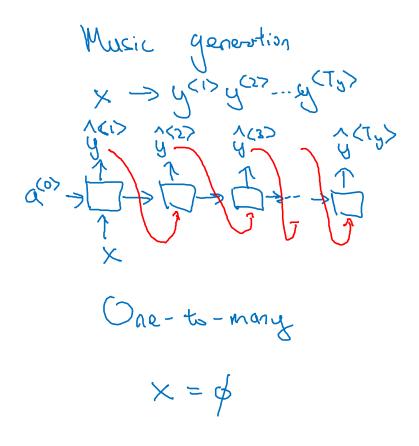
Running

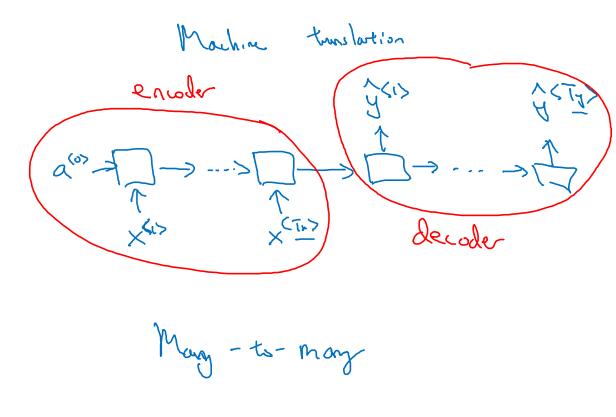
Yesterday, Harry Potter met Hermione Granger. Andrew Ng

#### Examples of RNN architectures

Andrew Ng

#### Examples of RNN architectures





### Summary of RNN types

