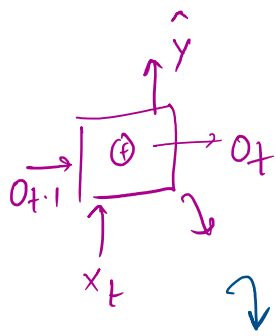


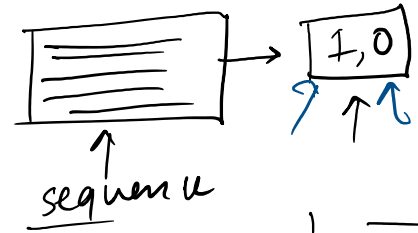
Many to One

17 November 2022 17:02

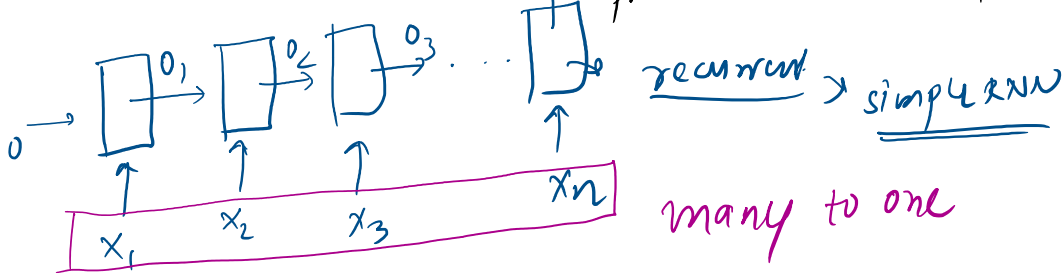
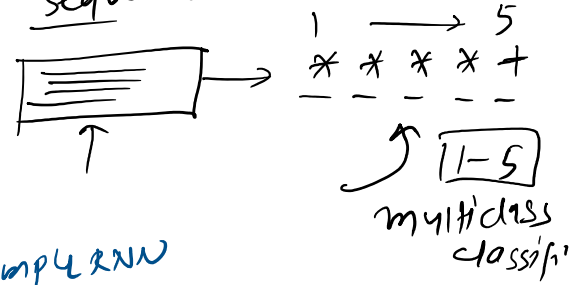
input \rightarrow sequence \rightarrow sent, char, timeseries
 out \rightarrow non-sequence \rightarrow int/num \rightarrow scalars \rightarrow (1,0)



\hookrightarrow sentiment \rightarrow binary



Rating prediction



One to Many

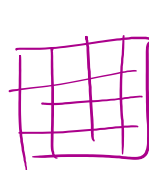
17 November 2022 17:02

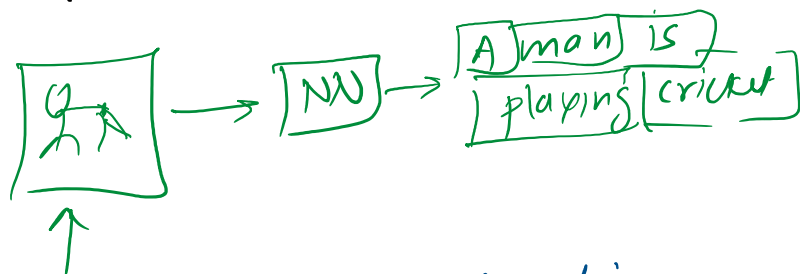
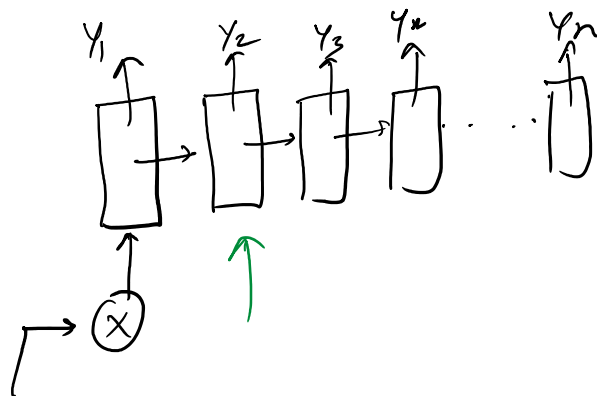
→ normal non sequential



→ Output → sequential

image captioning

 → textual repres.



→ music generation

Many to Many

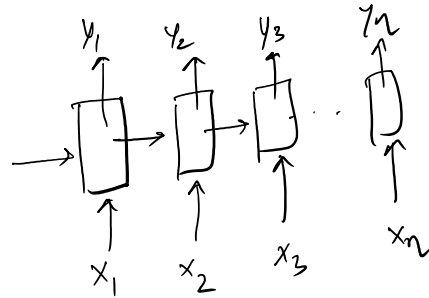
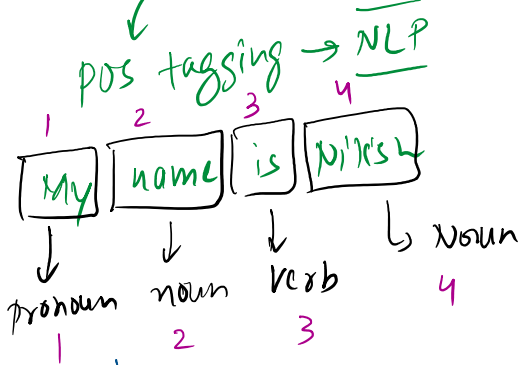
17 November 2022 17:02

input \rightarrow sequent
out \rightarrow sequen

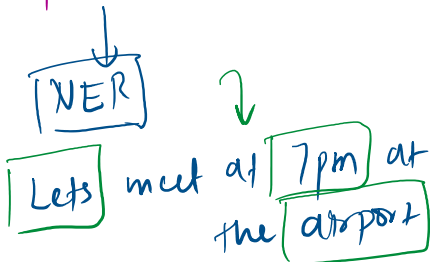
Same length

Variable length

input seq == output seq



same length
many \rightarrow many
RNN



Hi my name is Nicks

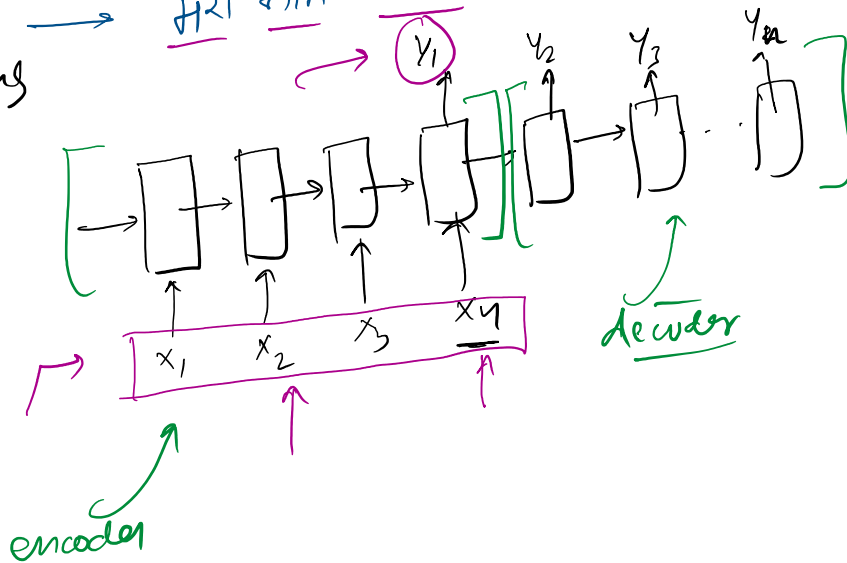
Variable length

machine trans

\rightarrow 1 lang \rightarrow 2 lang

google translate

encoder
decoder



One to One

17 November 2022 17:02

