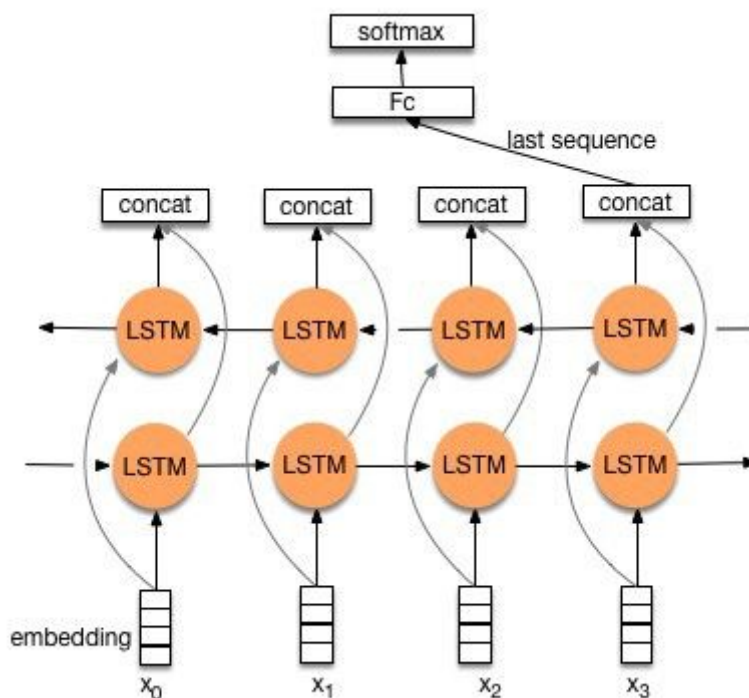


Text Genration Using Bidirectional LSTM :

- What is Bidirectional LSTM?

- Using bidirectional will run your inputs in two ways, one from past to future and one from future to past and what differs this approach from unidirectional is that in the LSTM that runs backwards you preserve information from the **future** and using the two hidden states combined you are able in any point in time to preserve information from **both past and future**.



Results :

Seed:

" himney close above her: then,
saying to herself 'this is bill,' she gave one sharp kick, and waited "

Genrated Text:

to see what was soo speezing as the mouse of her hands, and she
thought it would be tuielly the ming and the gan and the tor of the court.
she was seliing tome time the had tay it on to tee anything, and she
tentent alice was silint that she was a little startled by the sabbit was a
little soatted.

'what is the beginning of the bod ' said the mock turtle, 'she mook of
the great could befind here.'

'i should like to her to your telling,' said the mock turtle, 'she sane then the door was ont a wery mittle boot to the dourt. she was gond up the thies hard ifr hands, and she thought it would be tuielly the ming and the gan and the tor of the court, and taid 'it's a mong bream--' she semembe the queen sat offend the semembe.

'i don't know what i co, i should like to be a little litten to hear her to see. the doulouse of the same of the garden, i wonder what the mouse of the sea. the mock turtle selp the semeebh of the tame with the great coofusion, and she thought there was no more.

the

[Done.](#)

Maryam Meghdadi - Mahya Jamshidian