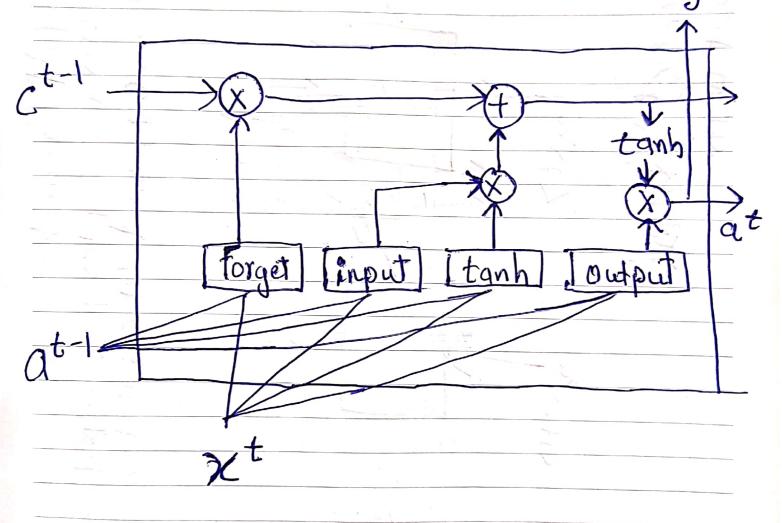
26

LSTM has 3 gate and output gate

it has 4 weight metrices.



At times we encounter situations that are difficult to handle, but with the right attitude and confidence, the most difficult journey can be completed easily.

parameter Lounts शनि SAT dets assume, input dim = 64, num units = 32 · · num\_units + input\_dim: Concat [at-1, 2t], +1 bias are 4 NN layers (4 gates: W-jorget, W-input, Woutput, W. (eu) No. of Parameters = [(num units )+ input-dim +1) \* num units (32+64+1) \* MARGER BRATES X 4 12,416 P.S: Mym units = No. of ymit

कई बार हमें ऐसी परिस्थितियों का सीमा करना पड़ता है जो बहुत कठिन लगती है, पर सही नज़रिये और आत्मविश्वास के सहारे कठिन से कठिन सफर भी आसानी से तय किया जा सकता है।

केनरा बैंक 🏡 Canara Bank Mulfilayer LSTM parameter lours Lets Say We have 2 LSTM layers. theng dayer 2 LSTM\_1 2 くも> In layer 1 We will tirst, we will Count Parameters in layer I, then will pass output units/activation units/ brum units to next layer as inputs, After that, Will Court parameter of layer to in Same way.

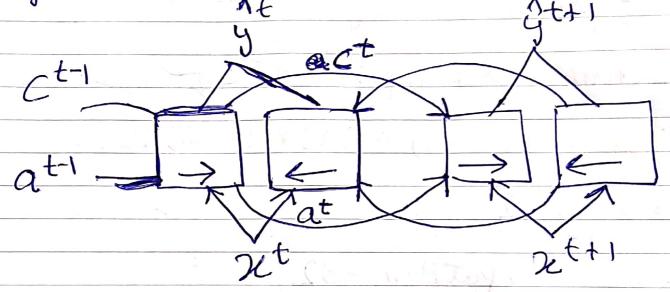
22 lets assume, i	nput dim = 64
activation units/output	units/hidden units/
or rum units = 39	
jor layer I	i jeli i
[ (num units + input u	nib t 1) * nym units ]*
= [6(32+64+1) × 32	J*4 = 12416
for dayer 2	
now input dim = 3	2
[(32+32+1) +32]	*4 = 8320
PASTINIPHICA TO THE	CHICADON LOND TO THE TOTAL TOT
*** Note:	( L FAG F LAND
activation unit = Num y	mr = output unit

megning हमारी सबसे बड़ी पूंजी यह है कि किसी की आँखों में हमारे लिए आँसू हो, और हमारा सबसे बड़ा अपराध यह है कि किसी की आँखों में हमारी वजह से आँसू हो।

केनरा बैंक 🗘	Canara	Bank
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Bidirectioned LSTM parameter 21

tormula is Same, we just multiply it by 2 as it so has bi directional Juw.



Input dim = 64, Num-unit/activation unit -32

[inputdim + hum unit + 1) \* hum unit ] \* 4

(64+32+1) \* 32] \*4

24832

At times, the best way to solve the problem is to change your route and approach.

20 multilager Bidirectional LSTM Parameter counts.

will concertination of both num layer [175] C13 6-1 activation unit/num unit from 1st layer will be 32-32 promo 15849 cobs

"- On borecettras Concertinadio (32,32)

" Input dum of 2nd layer = 64 2\*[[(64+32+1)\*32] \*4

कभी-कभी अपना रास्ता और दृष्टिकोण बदल देना ही मुश्किलों का सही हल होता है।

= 24832

Parameter Counts. 34 WED GRU GRU RNN house 2 gates: update gate à relavence gate, and one output cell. :- 3 Weight metrices. Every thing is SAME as Est? LSTMs formulas. Es test. Just Instead of multiply it by 4, multiply it by 3 cus it has 3 weight metrices, rest, everything is same in order to parameters

Its not necessary to have abundance in relationships or be wealthy as far as relationships are concerned, its more important that we fulfil the every relationship we have with love and devotion.

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"Sri k.:	Derform vousses it also between	not entitled to the fruits of action.  Four be attached to not doing your duty."  Scannea with Camscann