RNN/LSTM

"The analysis" generated from "these embeddings" spell out "the bias" implicit in "the data" on which THEY were trained

→ No contact of what going on in sentence.

⇒ Long Contex Dependencies. PROBLEM

TAttastion is all you need

Process.				MARMAL
Sequence_ Insert	Poku	uze ->	Vectors (Embedo	lings)
gupert			To-1	
	entener			
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	sub word haracter			
Lhan	Chacos			
Implumatations.	· · · · · · · · · · · · · · · · · · ·	<i>b</i>		
	LTRUI	np] ←		
			on)	), (Value)
Eng.	g (group)			

TRUMP (S Joated)

O K O K O K O (Simi)

VI = {(V2 x Sun (O, 1, K2))}

(V3 x Sun (O, 1, K2))}

newValue += value \* similarity(query, key)

[concat]

[matry > 8 oftmax)

PROBLEM He sentence Order Positional Sucoding 30 0-5 Sus waves. Att.

Multiple waves

Deff freq.

Merged together. 287 30=

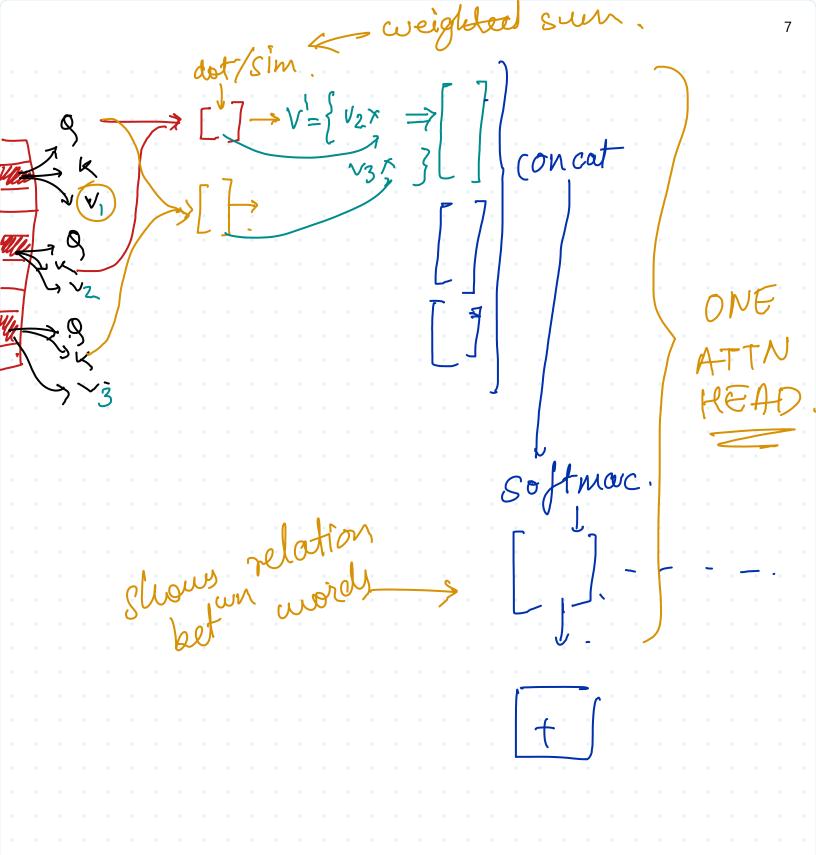
SUMMARIZE

-> Self Atlention:

Positional Enc-

PROBLEM

MULTI HEAD ATTENTION 2



ENCOPER PECODER TRANSFORMER Posit

Encod.

Lenardr Fext

encoding.

Classif

translation (decodin) also wouldy, selfath ducoch FFN ( ( pend). Juput ? Output
(parathi).

(English).

Selfantian

(Cross. L Allurions)

"Server, can I have the check?"

"Looks like I just crashed the server"