our mind will not pay equal allerton to all the words in the swhere Allentran: Fixus on specific wals in a sentence I went to a bank"

Twee liner layers:

a combination of neurons without activation function

Purposes:

1) mapping inputs on to the autputs

2) Chaying the Immersions.

different school school shruch steel shruch steel shruch steel shruch save shruch save completion.

These weight are fed as a mobile why 3 layers: Each has a special further Q, K, V request titles culeits

Similarly blu a and k Cosine Similarity? -1 to +1 opposite direction Same directions Cos (A, B) = A, R Scaling Similarly = A.BT Using madrix = Scaling Similarly (Q, K) = Q. KT Sculing! Relat. Auery lager. Position-awac Embellys

- two more capies to key and
value layer. - Rely on train - self allertin for provend - Multiply. with tracow luyers tourspose with embeddy machit. each linear leger has its own

focus on a and K Compute dot product of G al 4 olp of dot product -> Attention fills once the training points is over : 3x7 weights ar nor meaningful. Scale allertin Scores: - Divide the albertion scores by the domention of by vector. - Apply Softmax Softmax (Q.KT) We now have - Value unotrix.

- Attention filler (K. Q.).

- Attention filler (K. Q.). of filled value wat ix ofp of walti-had atlation

My need malti-hed focus on difficul liquitic phenomenon. Original Propos: & hords. - Concaterate the three heads together. - Apply brown to shrink Size

Residual Cornection

- Knowledge Rescuvolin

- Vanishing gradient Add & Noun: Simple addication which gele - Normalization. leger normalistim stududistim along #Scalus xi= xid- H J 02+E ders not al o . Linear leger with RELL.

Encodor! Tales input and convert to vectorized of Decodu: lux inpole olp of Encoder is split in to two copies K, a TimpA to Lecolo First input of Decoder: -1st word: Lstat) - Marked Multi-had - Add & Novm - Value Matrix

find bren layer - fully connected # of classes. 000 dialogue gantius total vocalsday Size the find the read Score

- & hallen the of makes · We get style scores for each - Apply Bottom - Marked Multi-had

mosk Durig training mosts and show correct word is shown teacher forcing loss (prob (Pred), prob (Truth)) - Cross futopy loss - Masking the input Difference blu train as testing - We most in both - Durig tring we apply achure wole - Dy interere ur input pedich works