- in the original paper. Attention (Q, K, V) = softmax (QKT)V

in Attention patter by Jak the spet of dimention of Kry anny space

7

is no normalite values into problist.

in the training process when the wrights updated, to either remark or punish it bused on how high a prob it assigns to true next word in the possage it theres out to make the fraining move efficient you can have it simultaniously predict every possible next token following each initial subsequence of tokens in the possage. This makes it so osingle training Ex is Now alox.

the ->??

The flufty?? > (dog 4.1)

Cat 3.1)

Corehere 1:10

The flufty below ?? > (dois 1:0)

The flufty blue creature??

The flufty blue creature??

in attention pattern with red dot. The ones representing later tokers influencing cirlier ones, to somehow be O (ignored) he cannot get them to 0 as the cols would not all to 1, so instead before soft themas you set all of those entries to -Do now after softmax the cols add to 2 and range (out)

for our attention patten this means never allow later words to intherner earlier words since they can give away the ans by what comes next

the fluffy blur creature

3.5 0.7 1.9 4.4 -00 -0.3 -0.2 0.3 -00 -00 0.99 0.67

-00 -00 -00 1.31

Unharmalized

0 0.75 0.69 0.92
0 0.75 0.08 0.02
0 0 0.24 0.02

This is called Masking