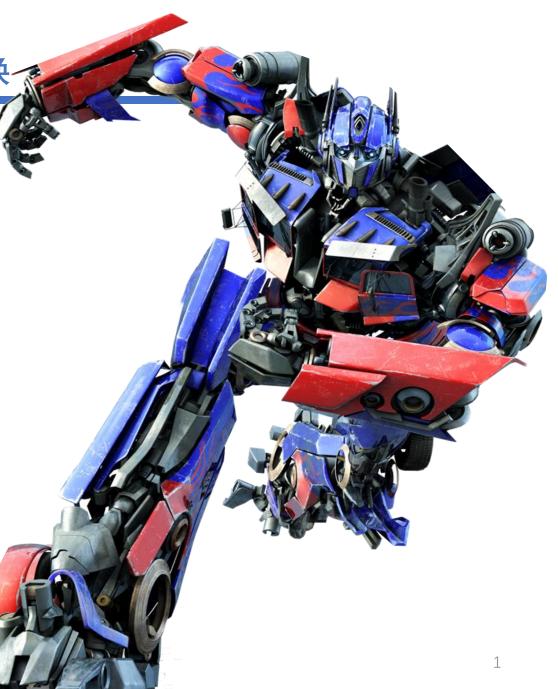
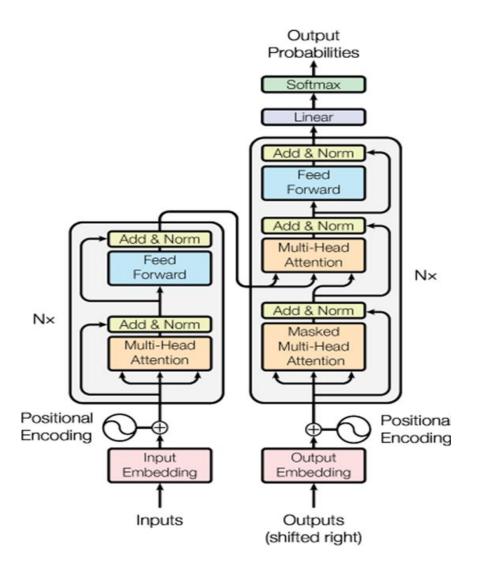
Attention、Transformer公式推导与矩阵变换。

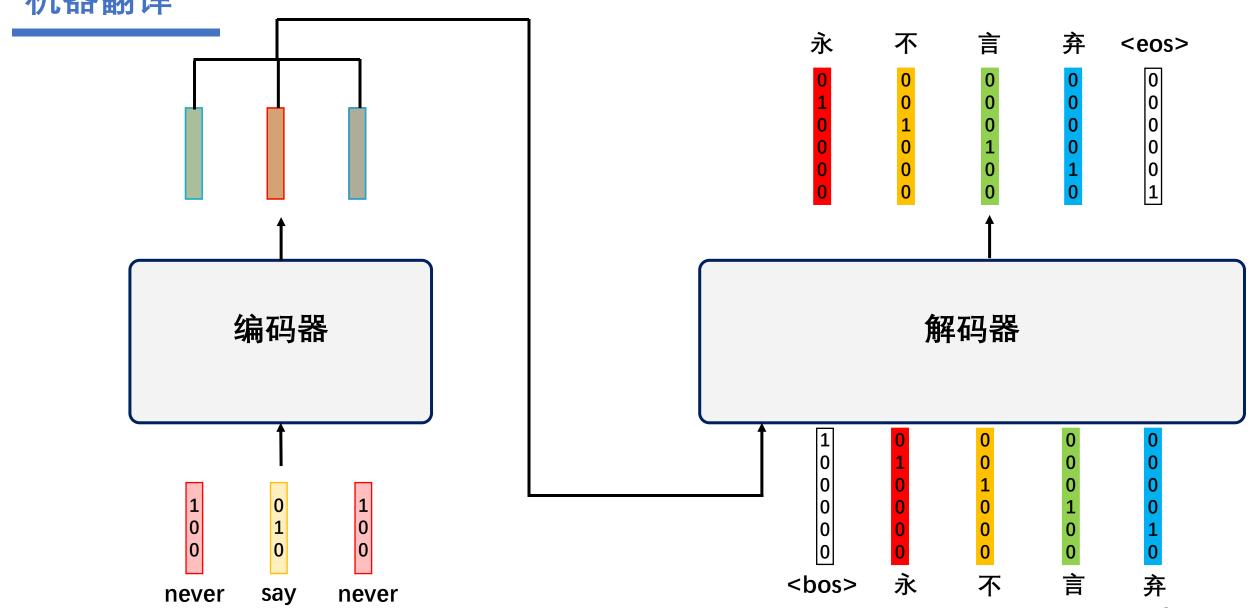


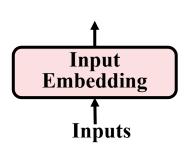


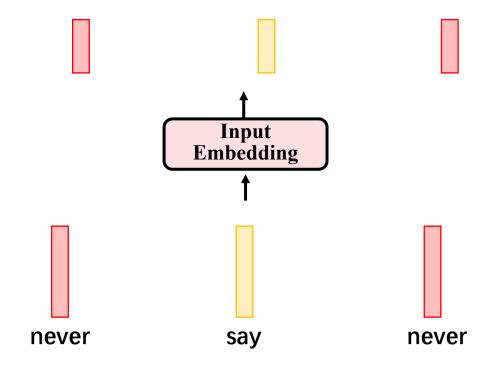


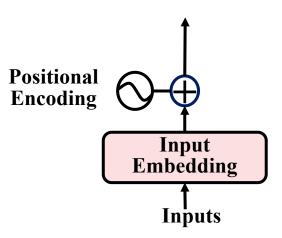
1.编码器-解码器 2.自回归

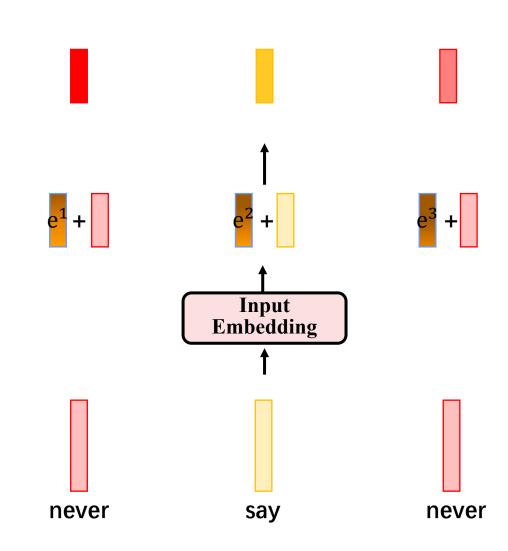
机器翻译

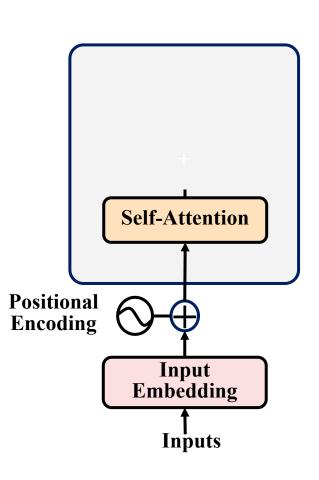


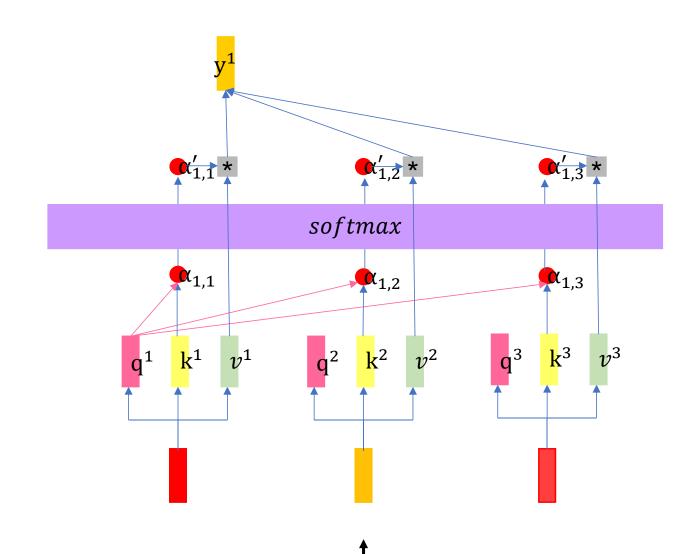


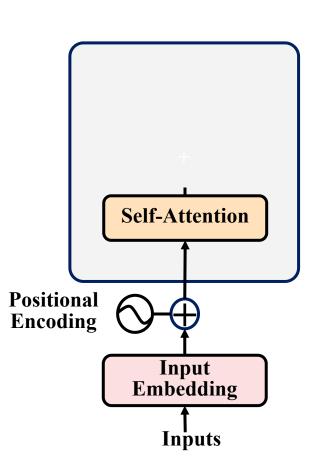


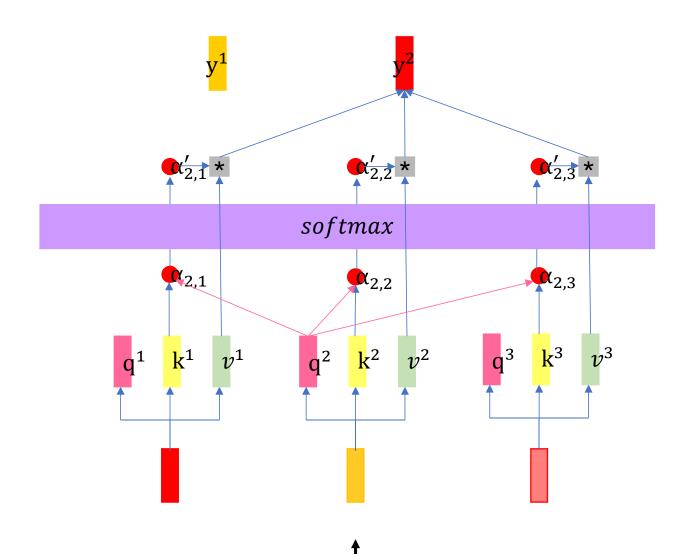


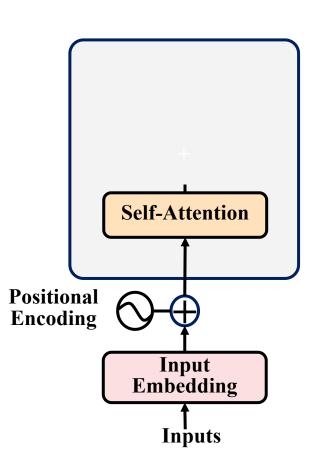


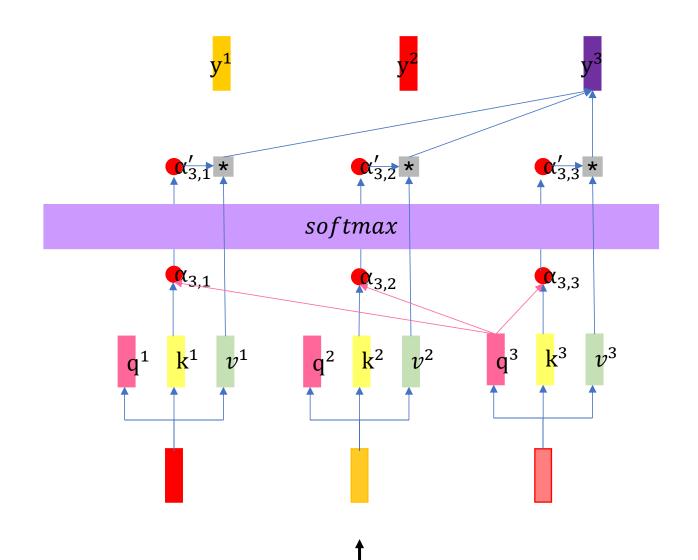


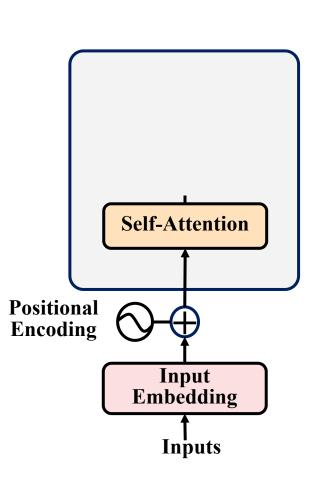


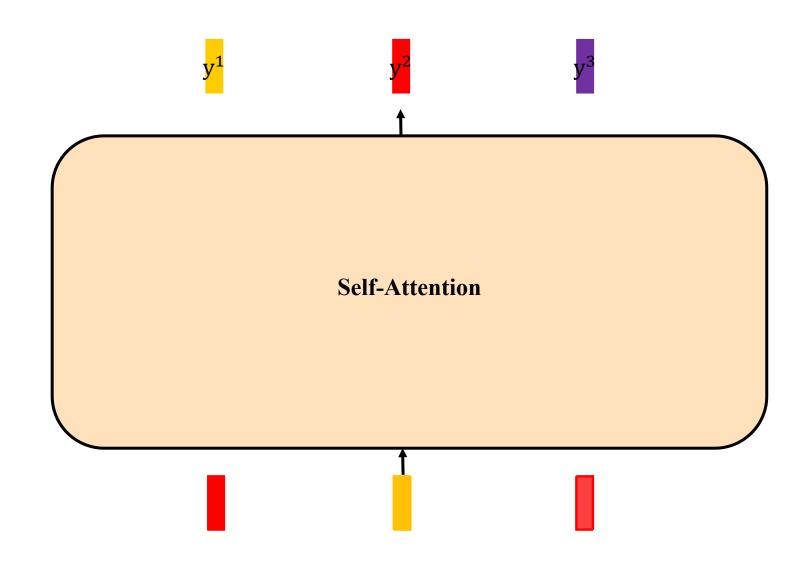


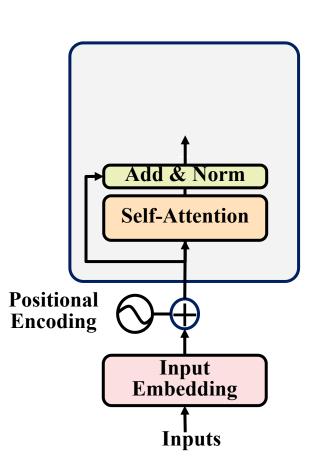


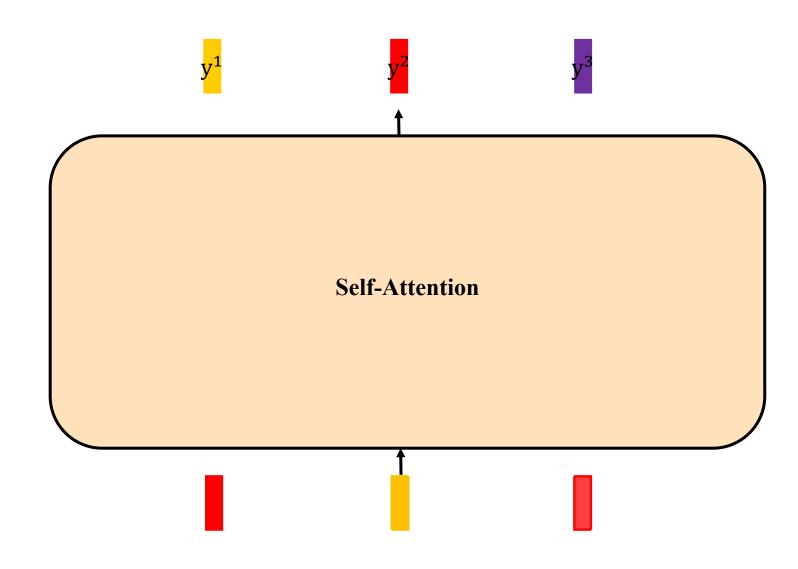




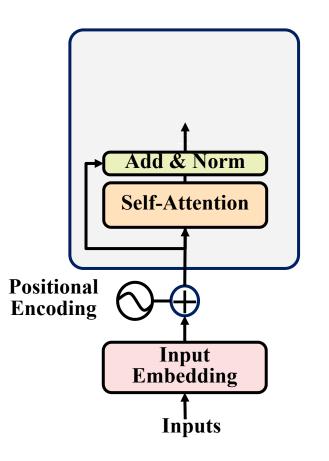


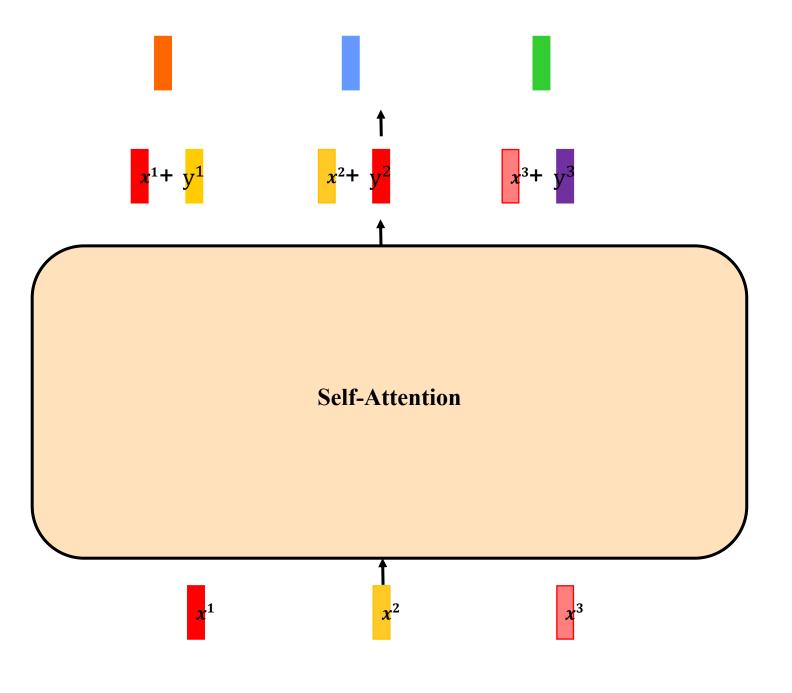




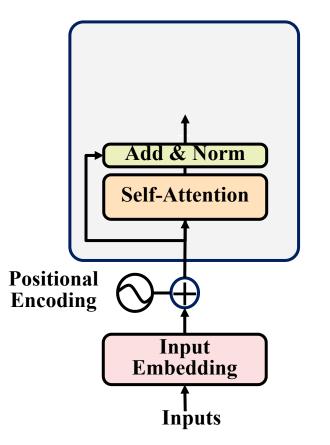


LayerNorm(x + Sublayer(x))



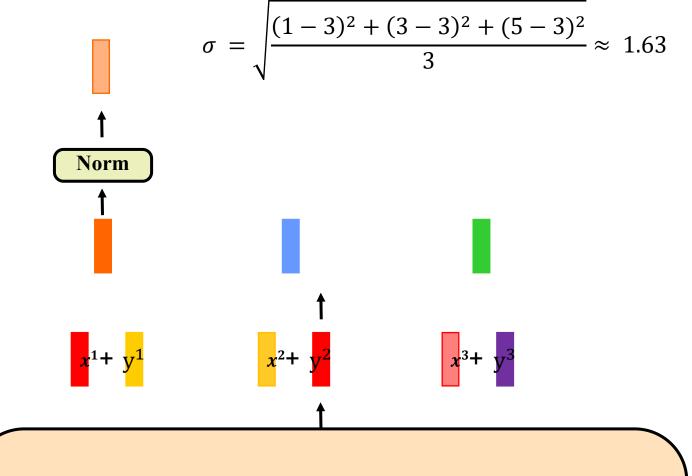


$$LayerNorm(x + Sublayer(x))$$

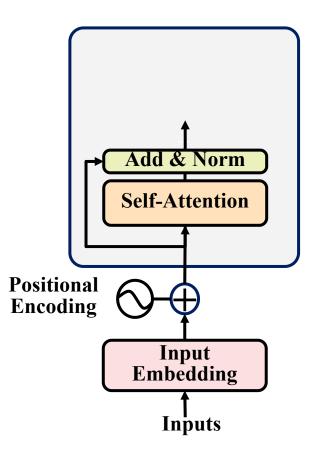


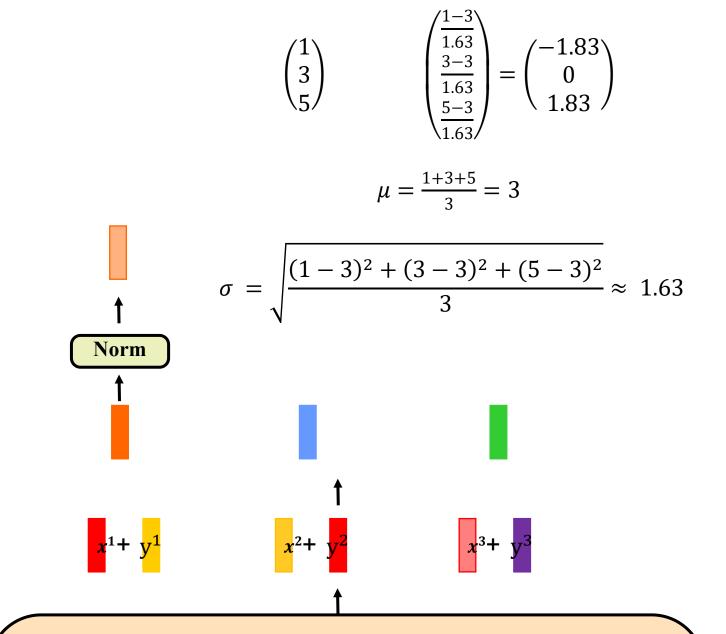


$$\mu = \frac{1+3+5}{3} = 3$$

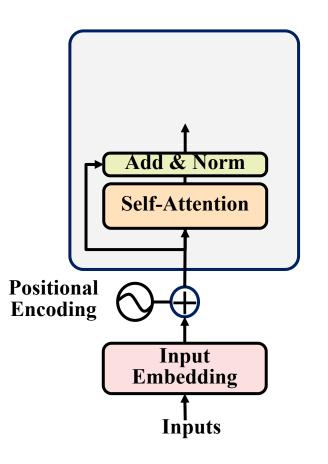


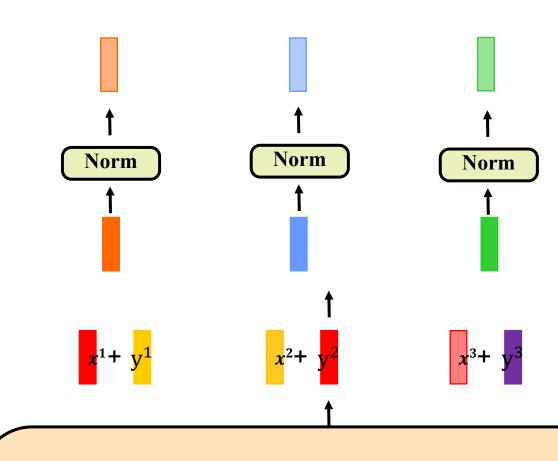
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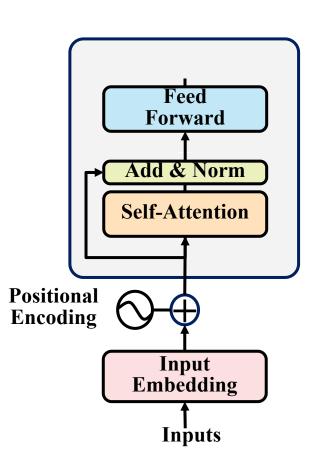


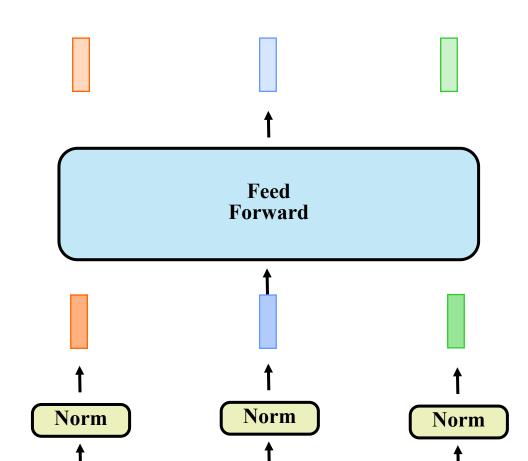


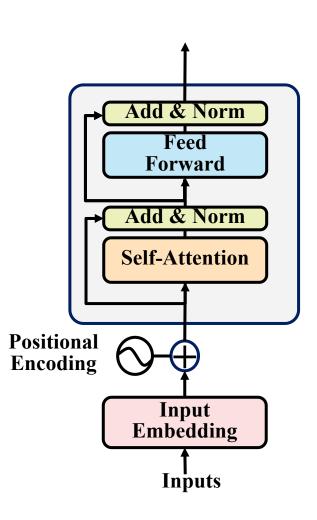
LayerNorm(x + Sublayer(x))

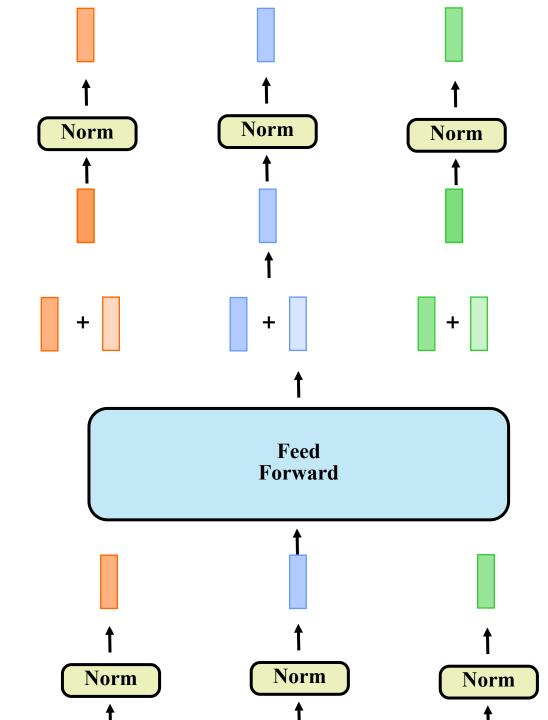




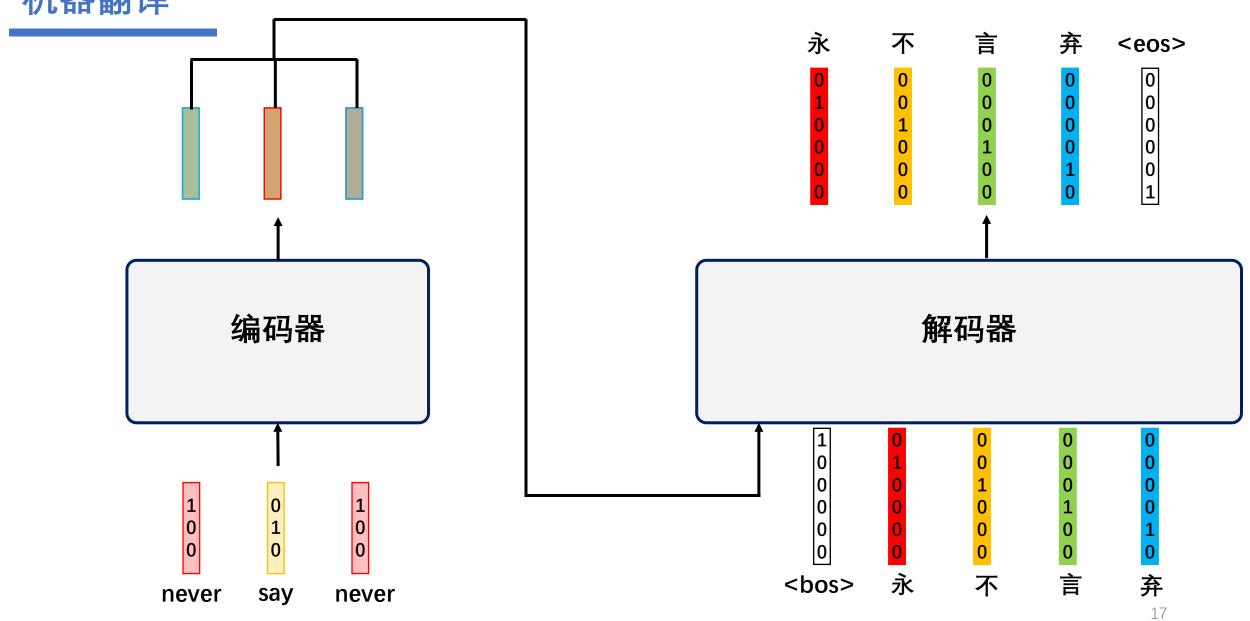


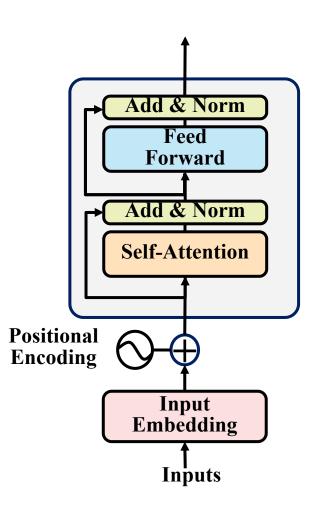


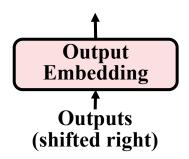


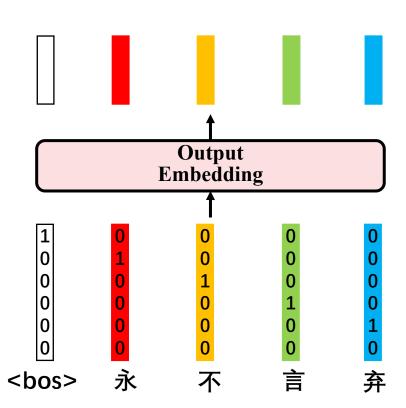


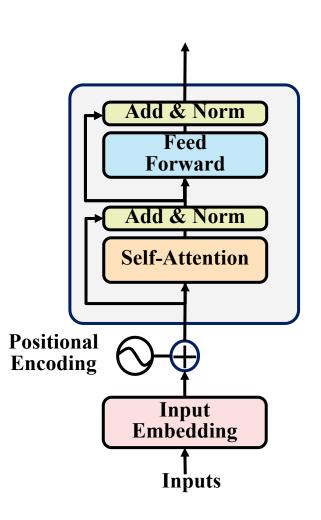
机器翻译

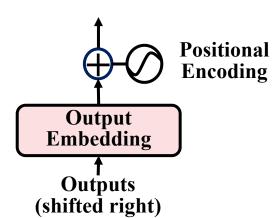


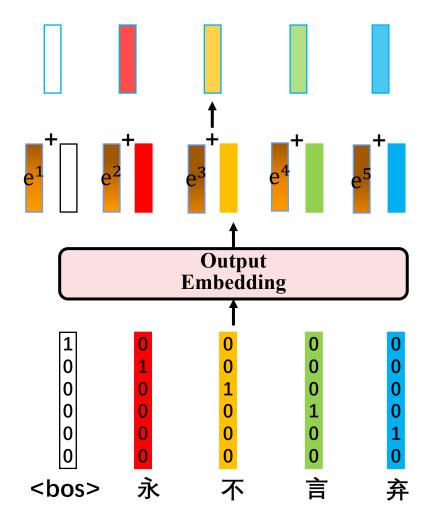


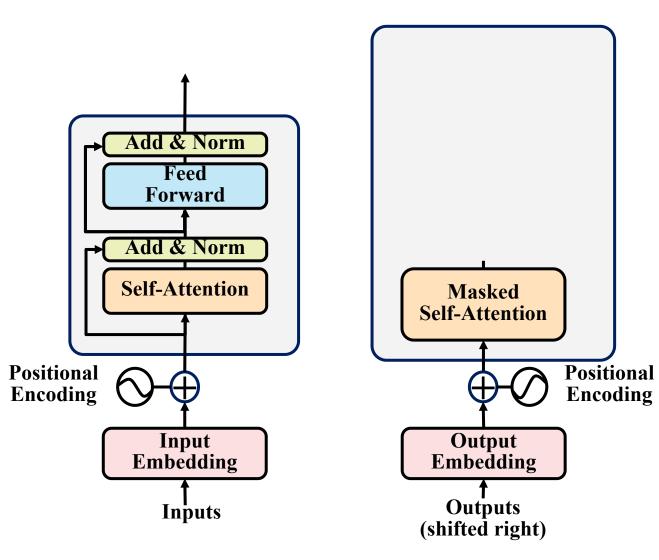


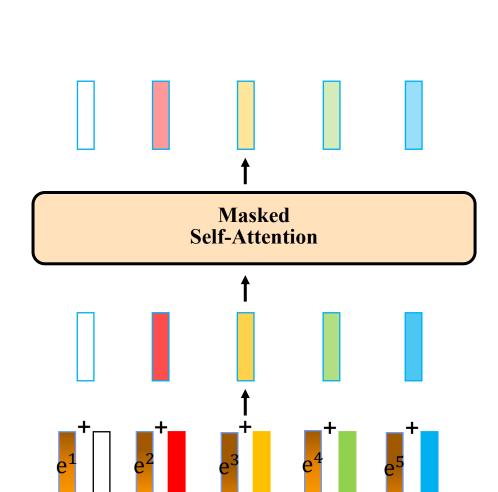


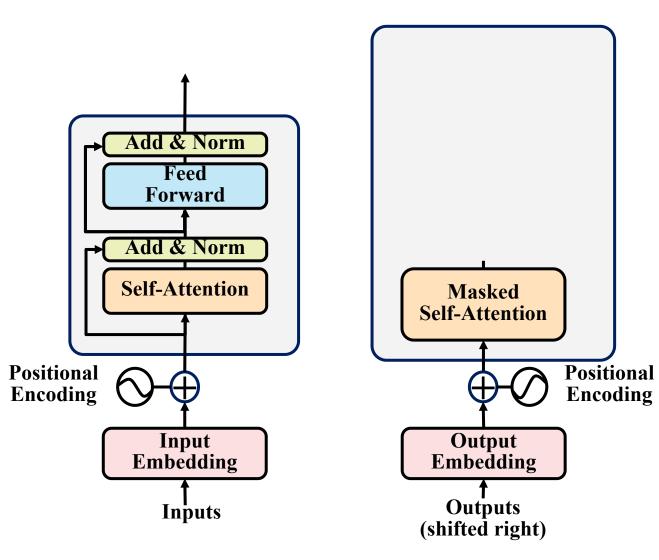


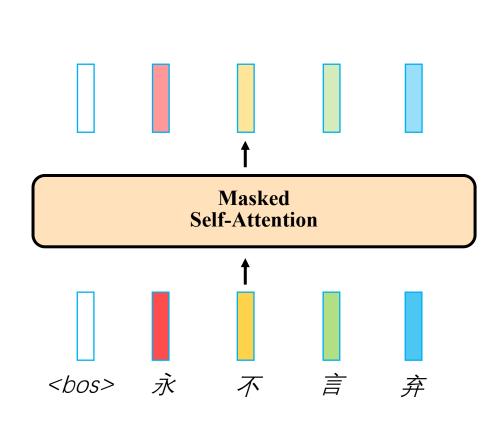


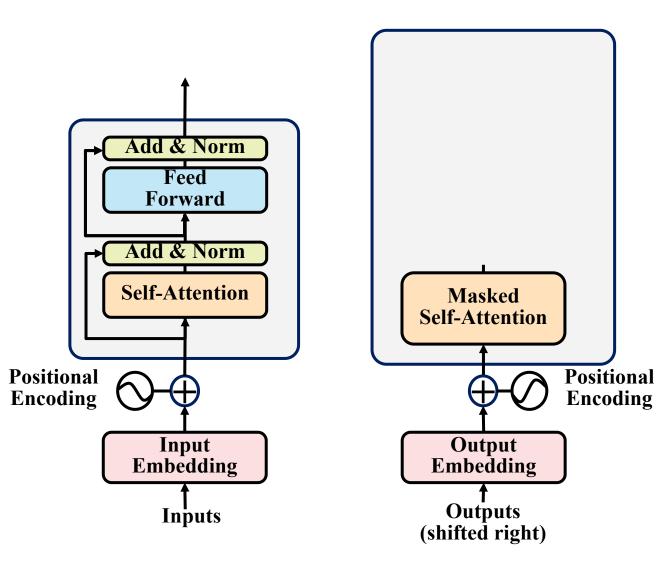


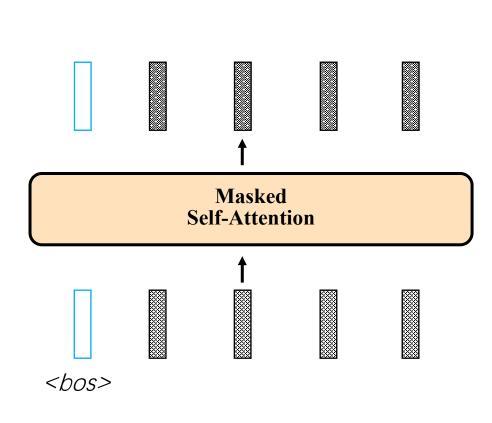


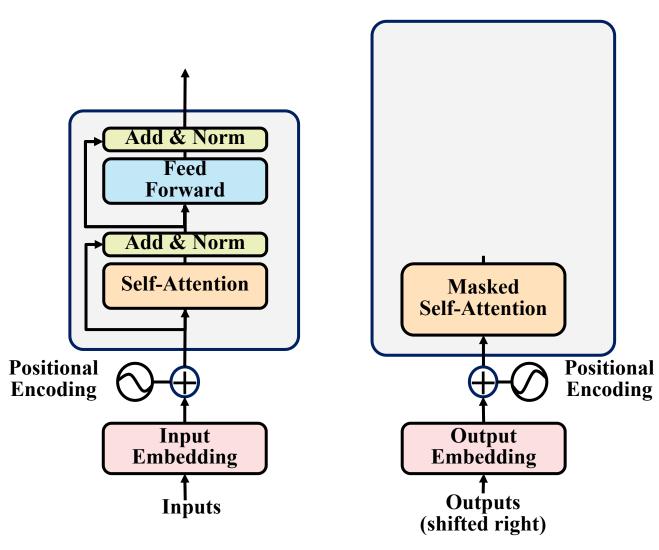


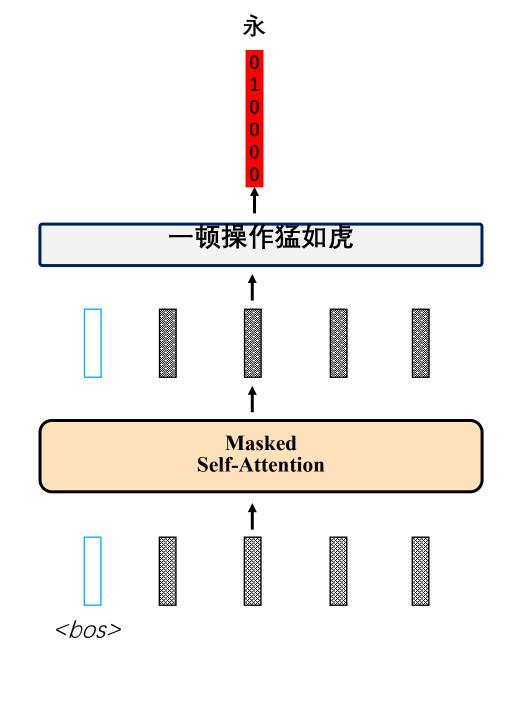


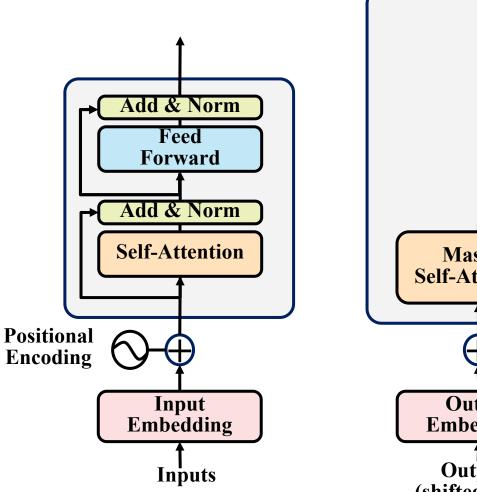


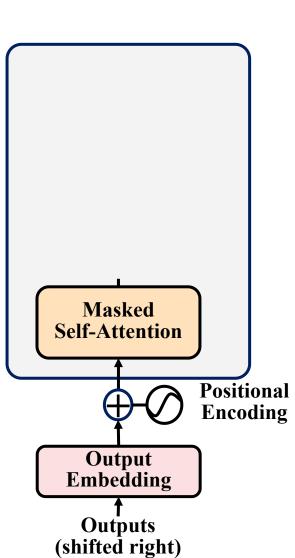


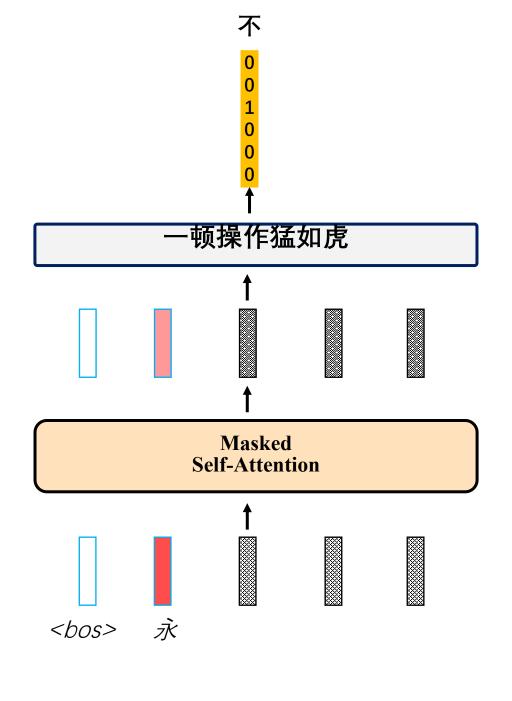


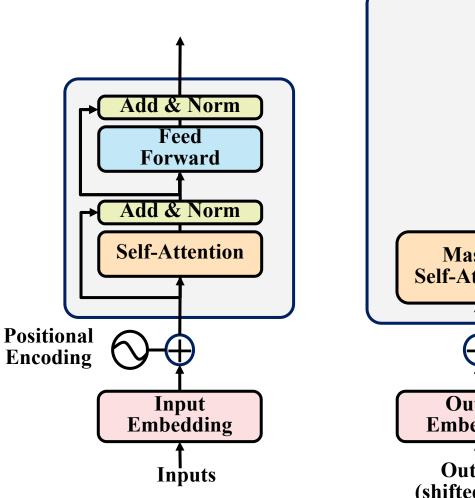


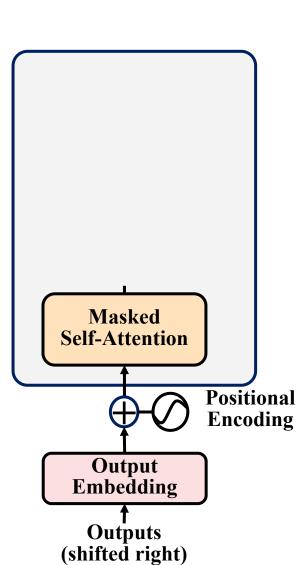


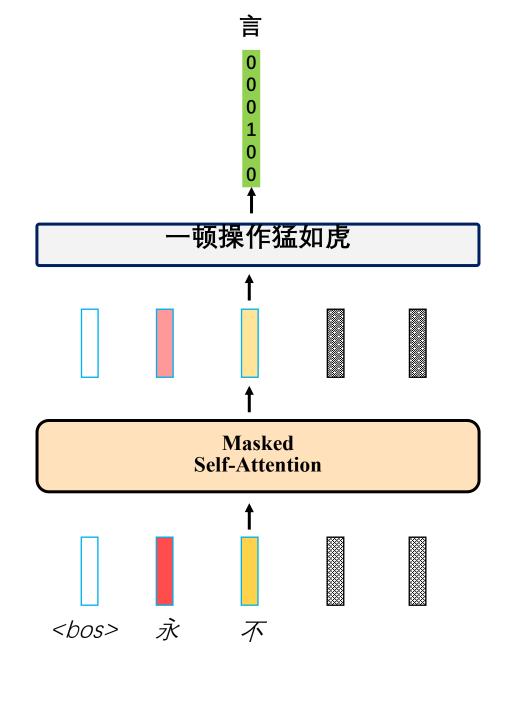


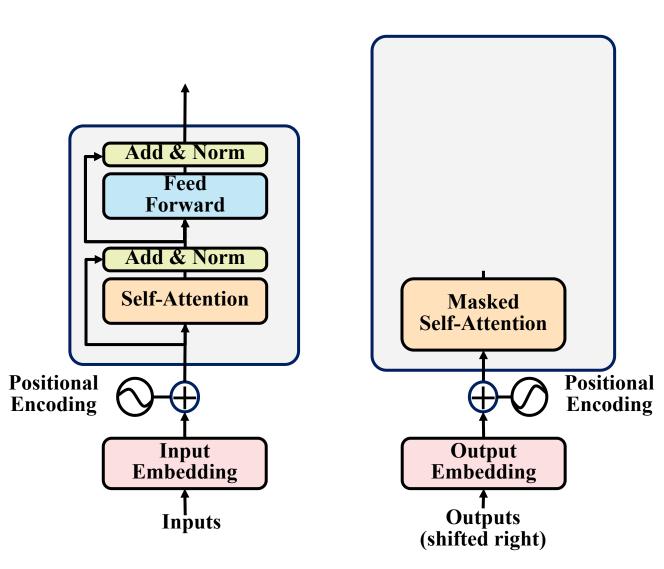


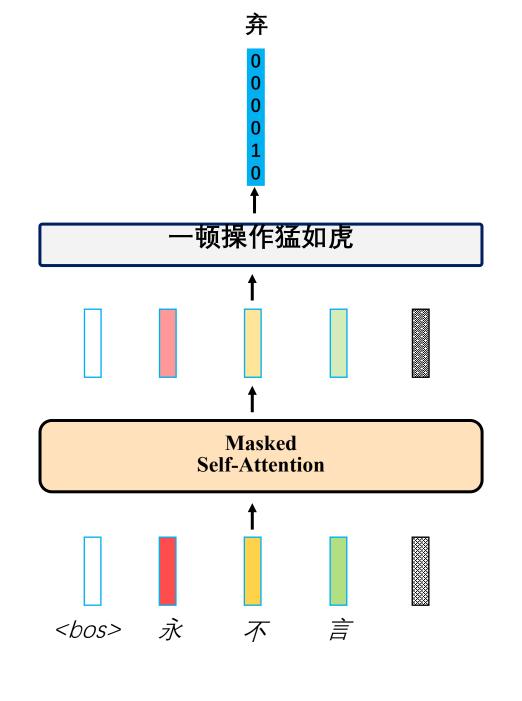


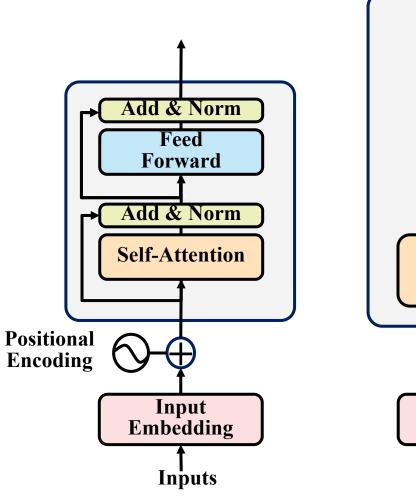


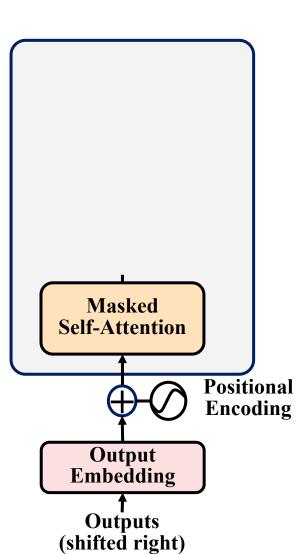


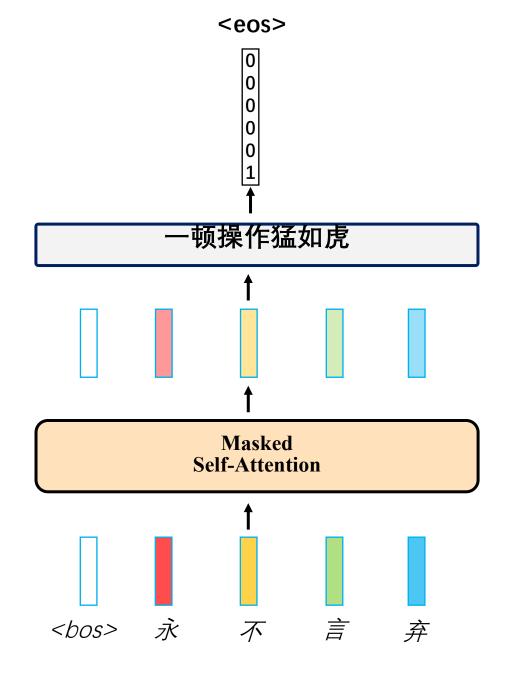










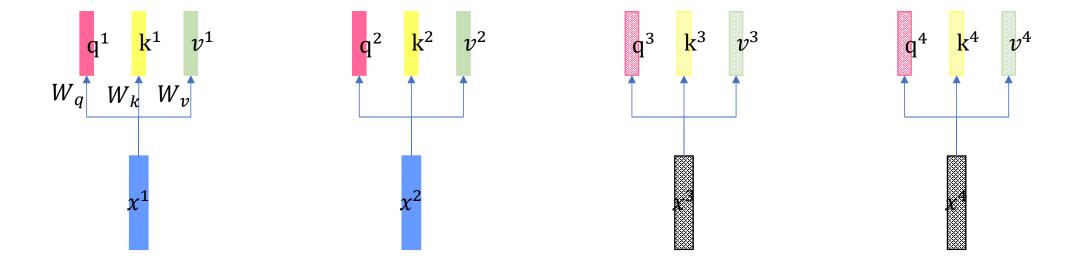


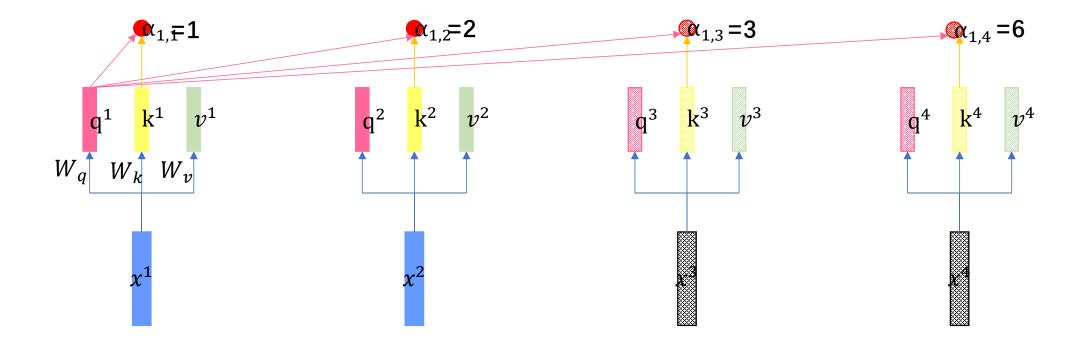


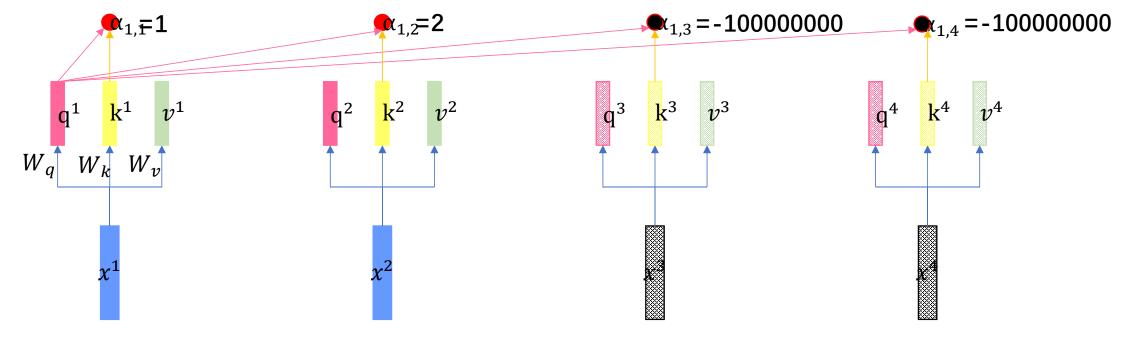
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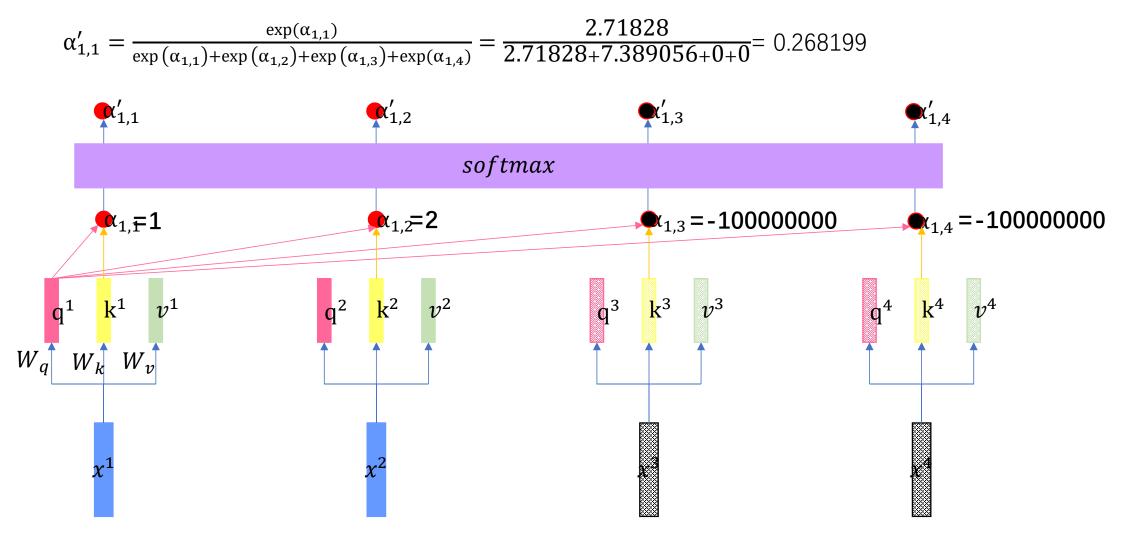


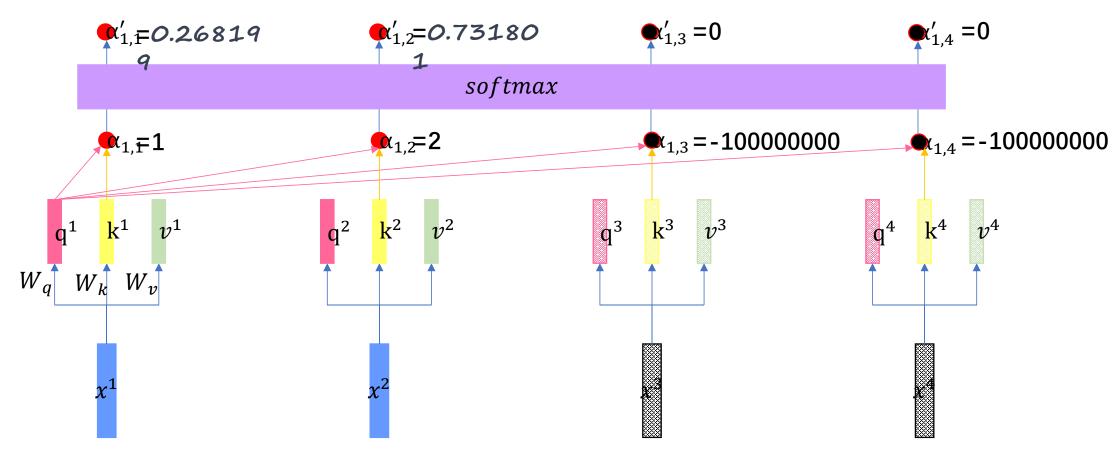


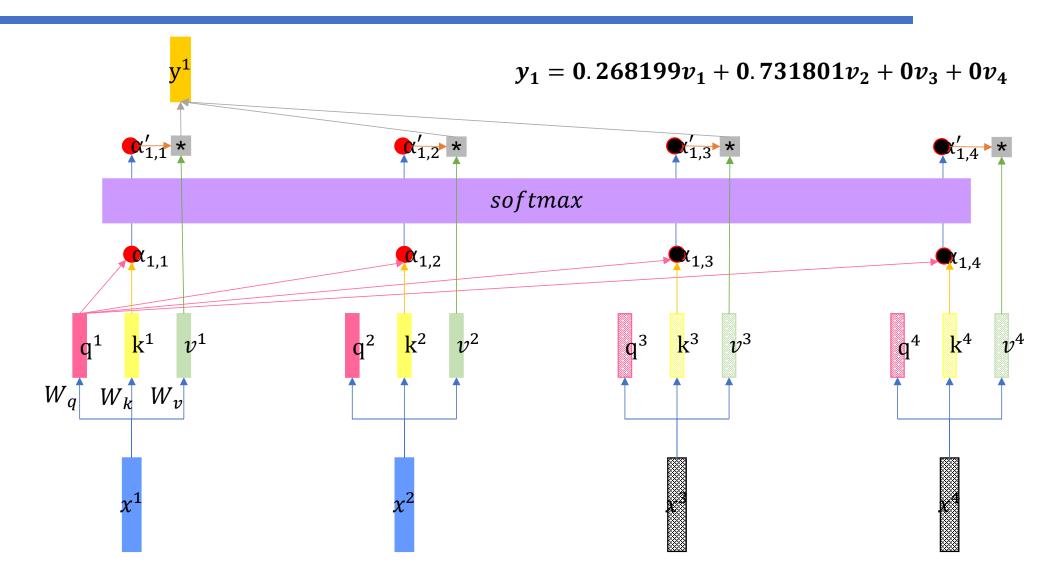


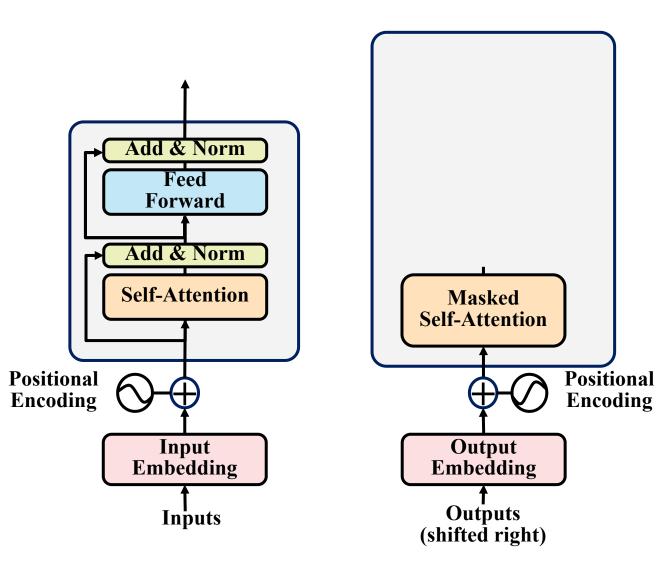


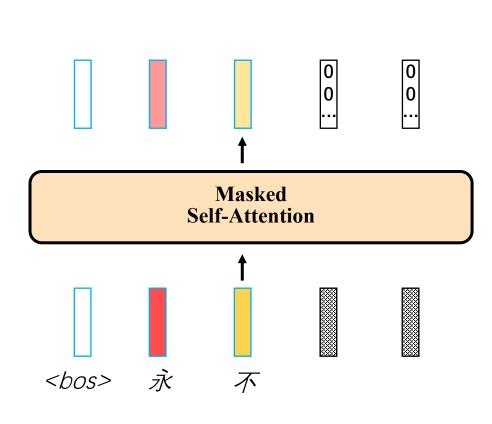


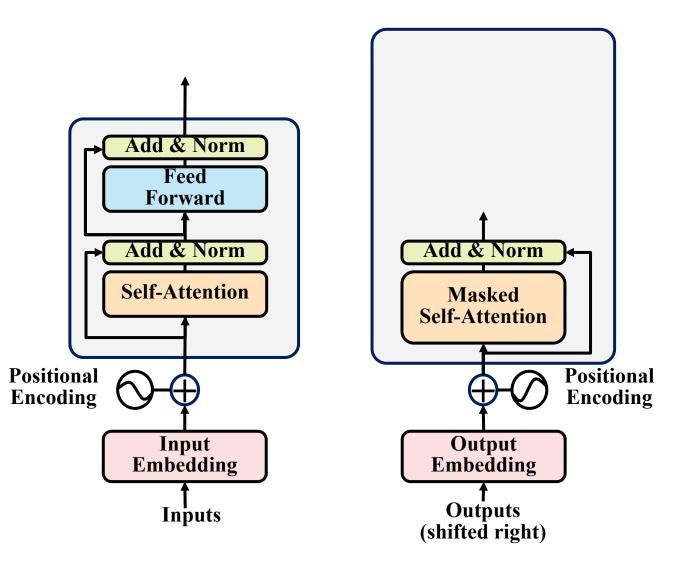


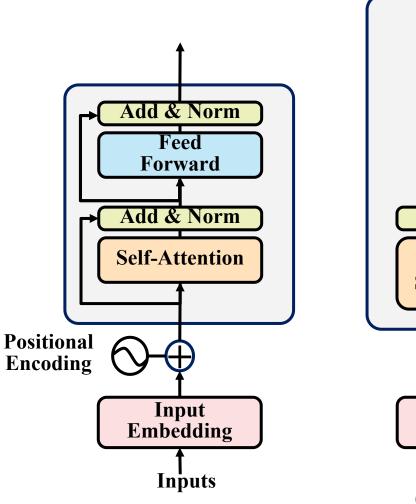


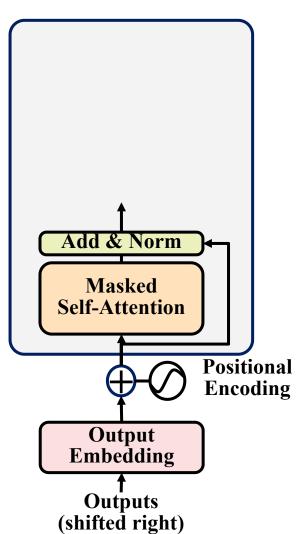


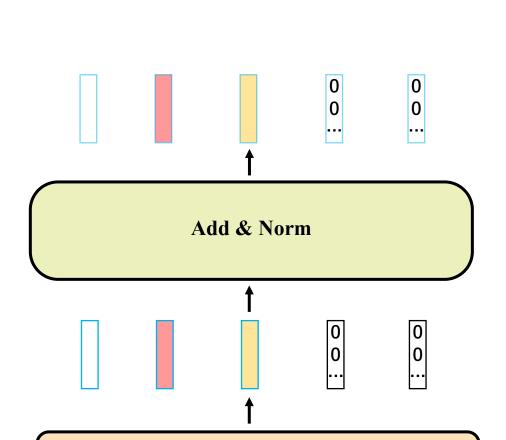


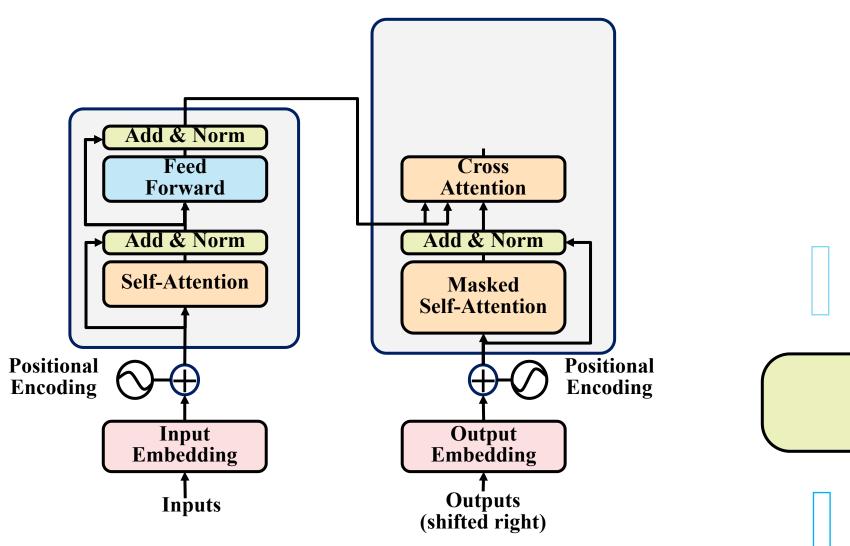


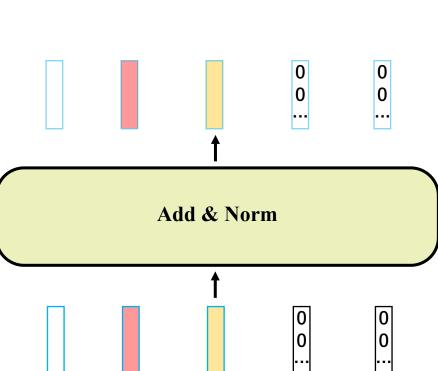


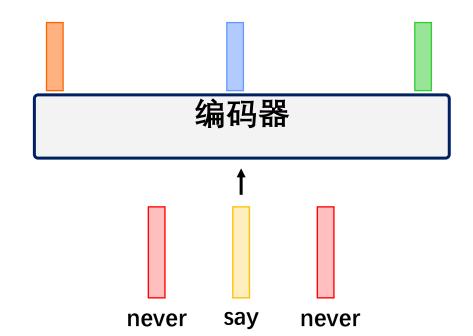


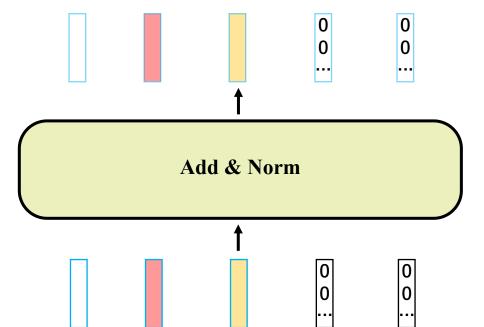


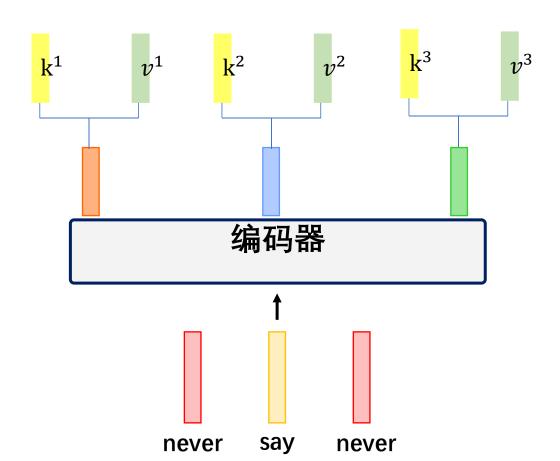


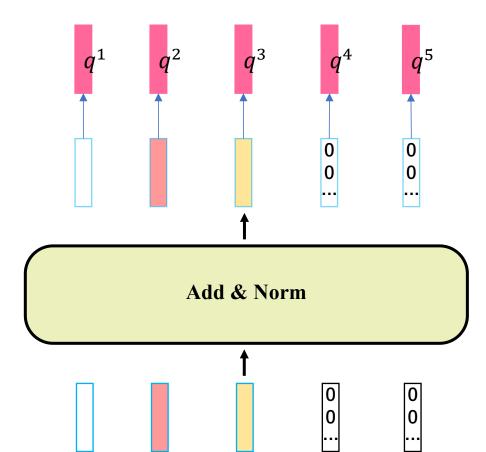


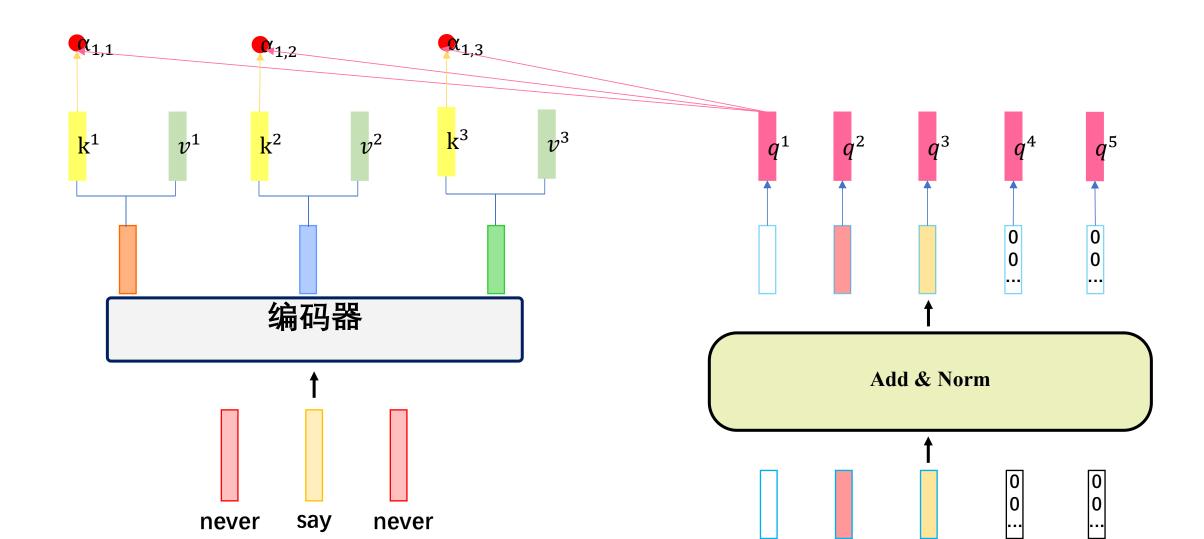


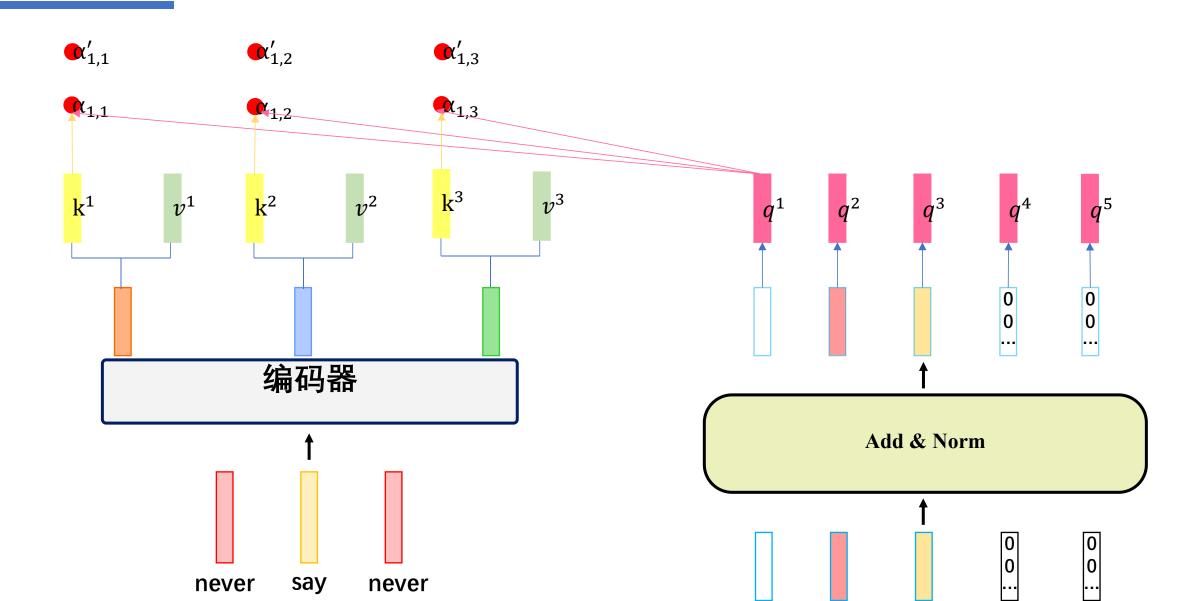


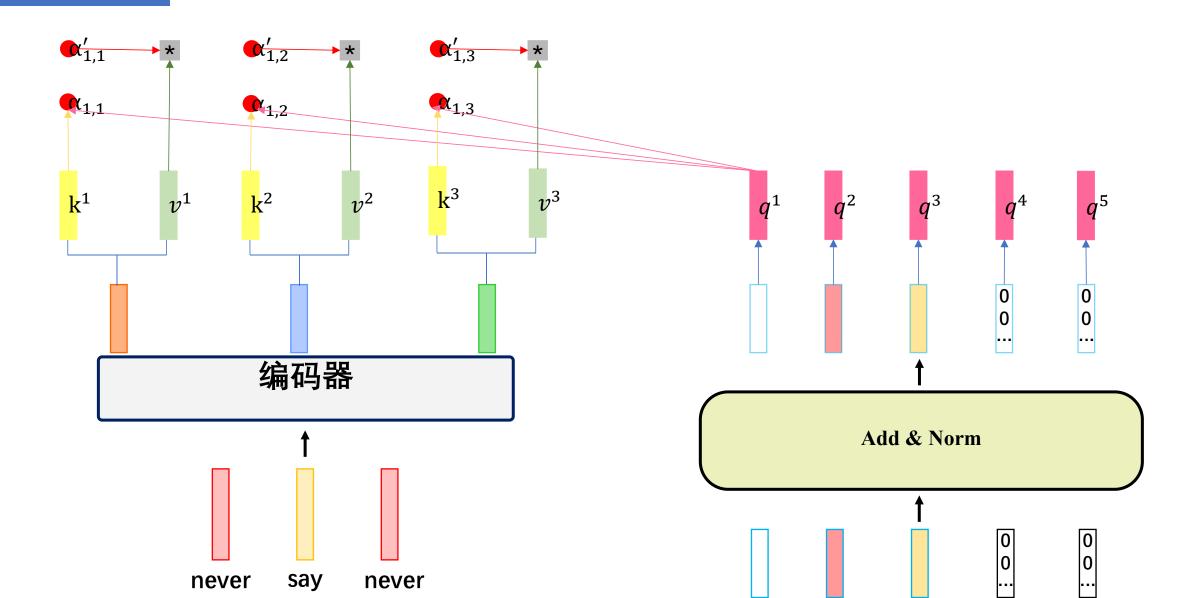


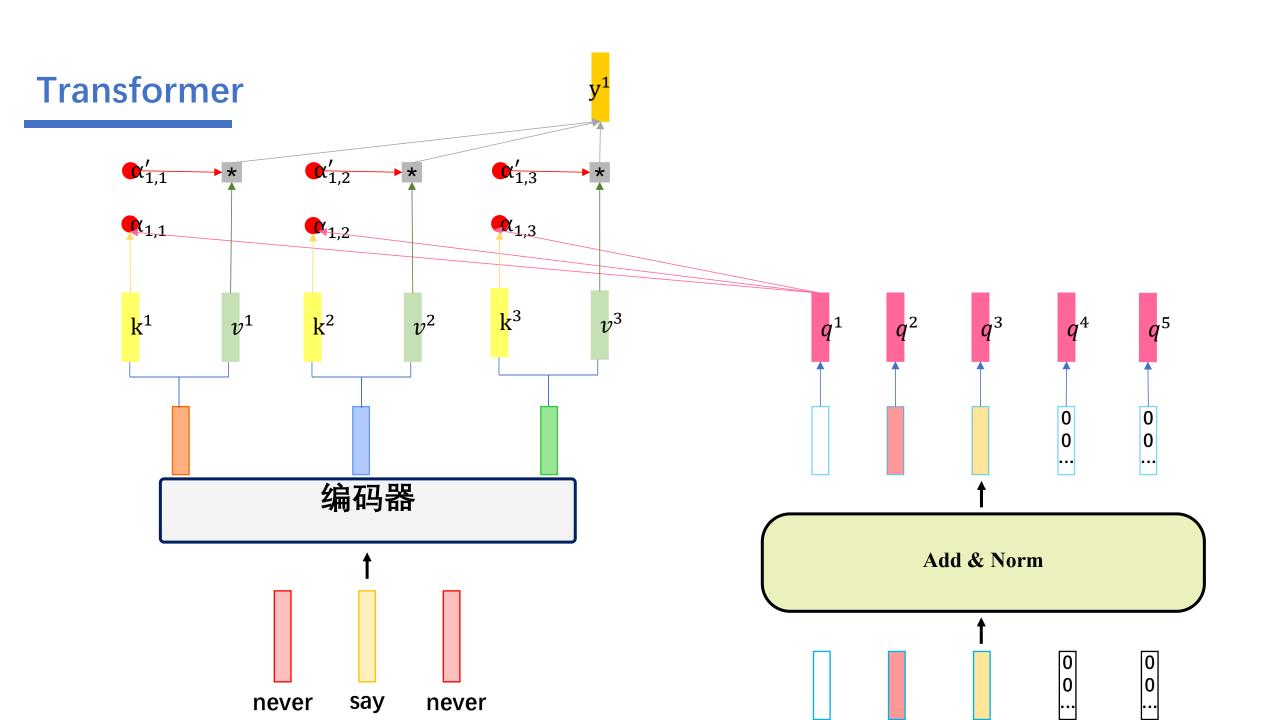


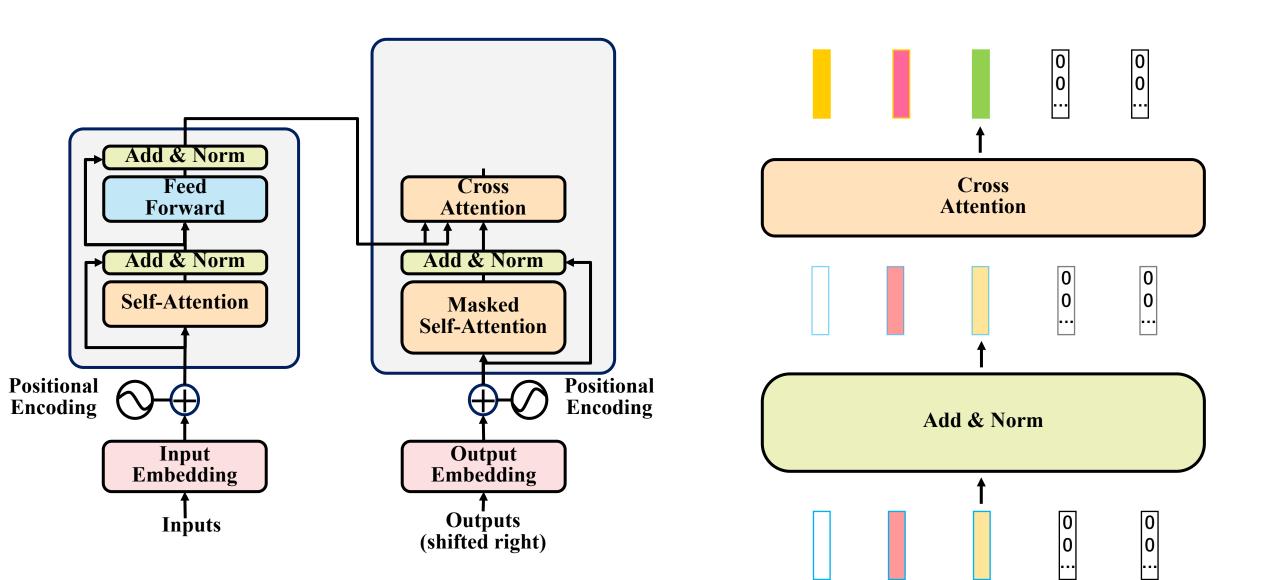


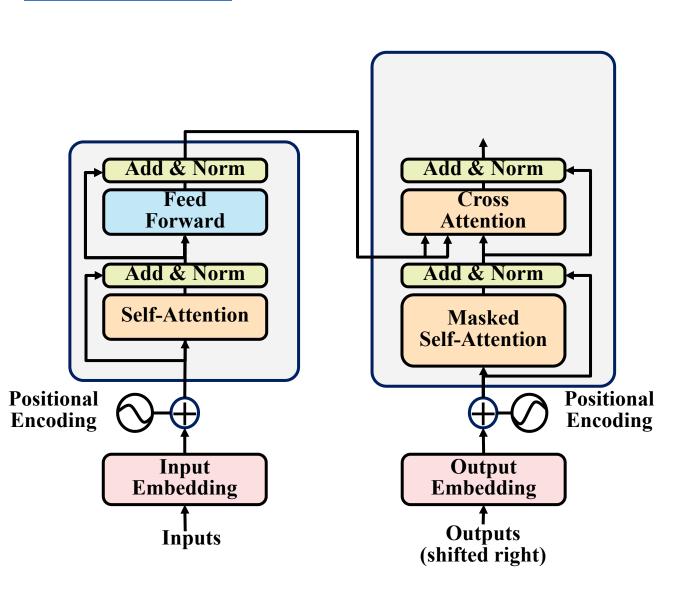


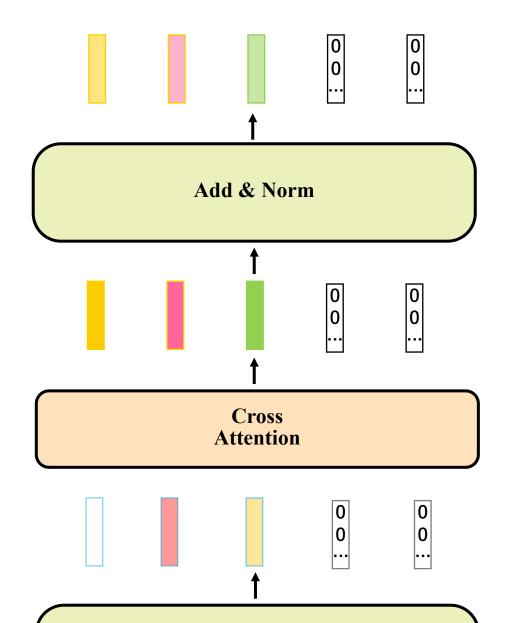


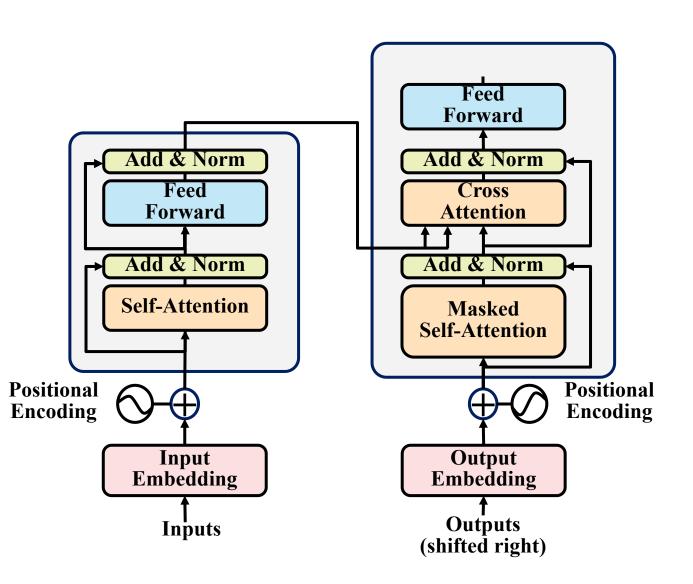


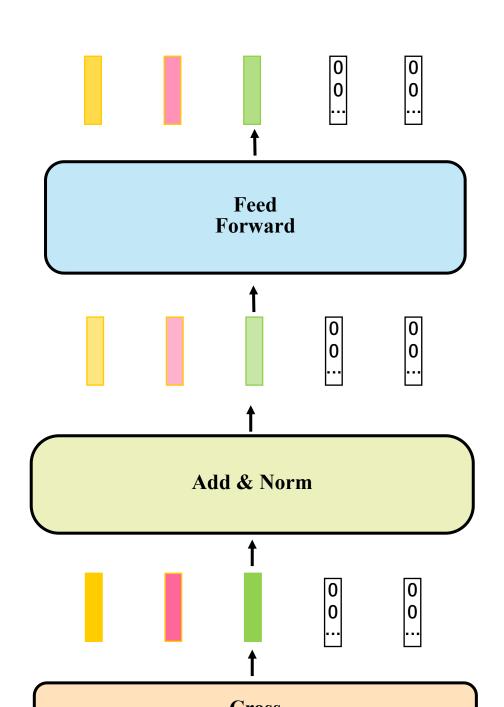


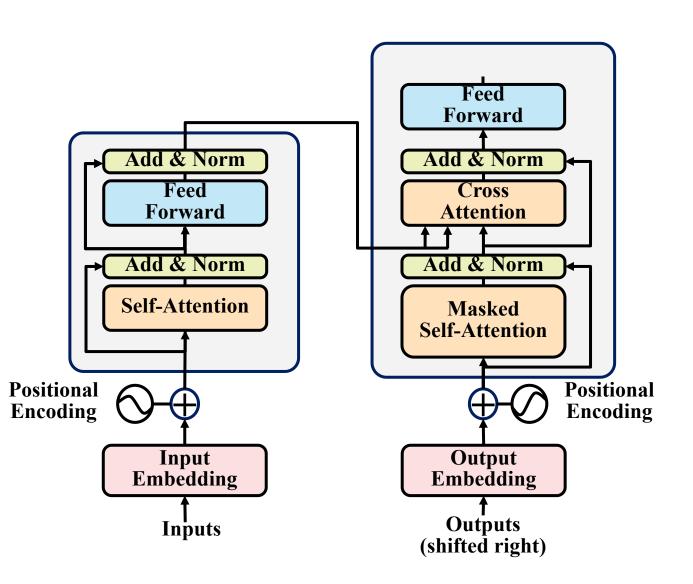


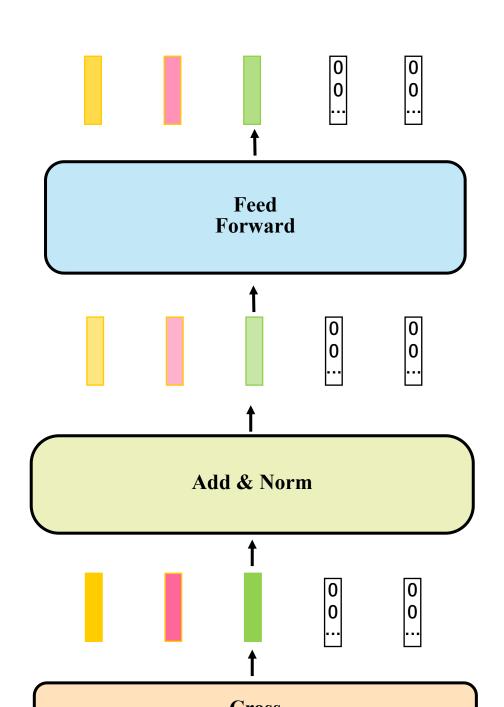


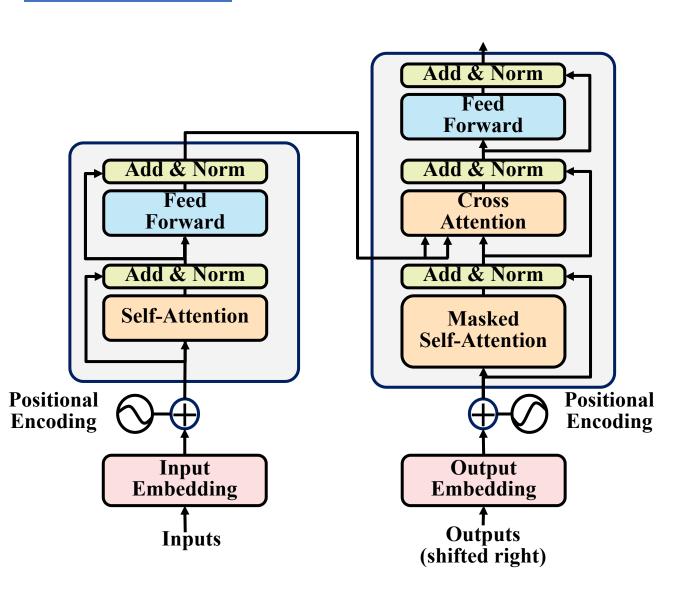


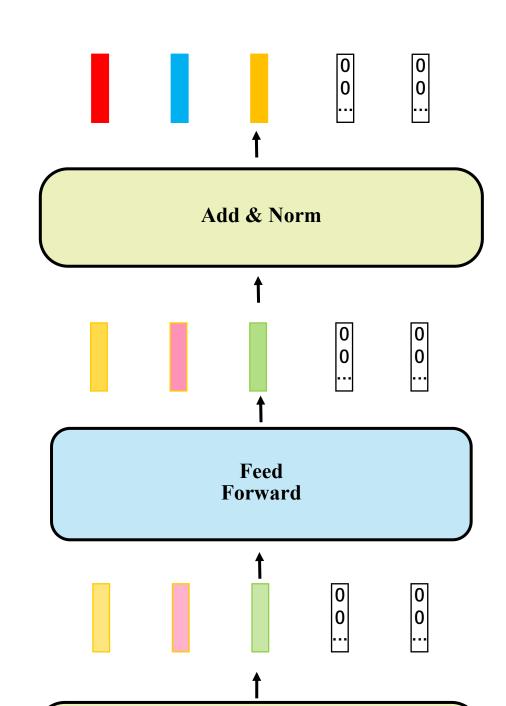


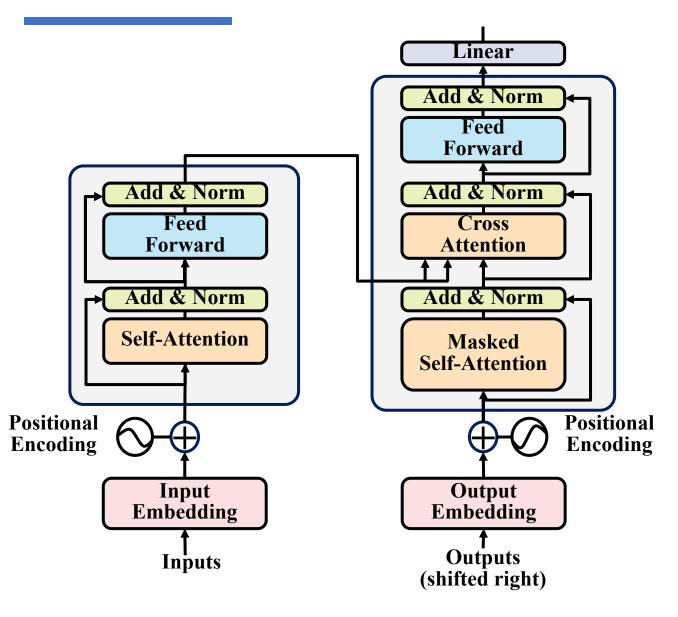




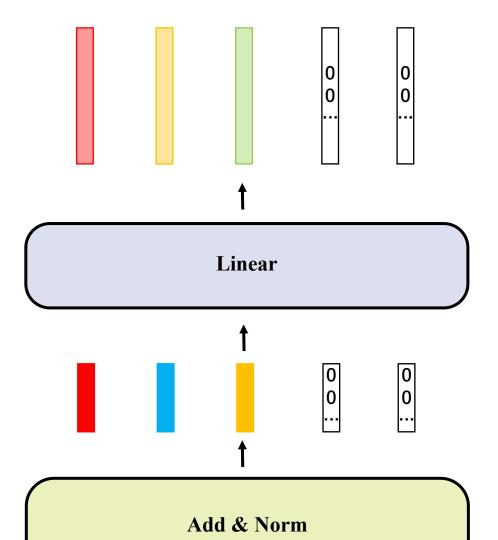


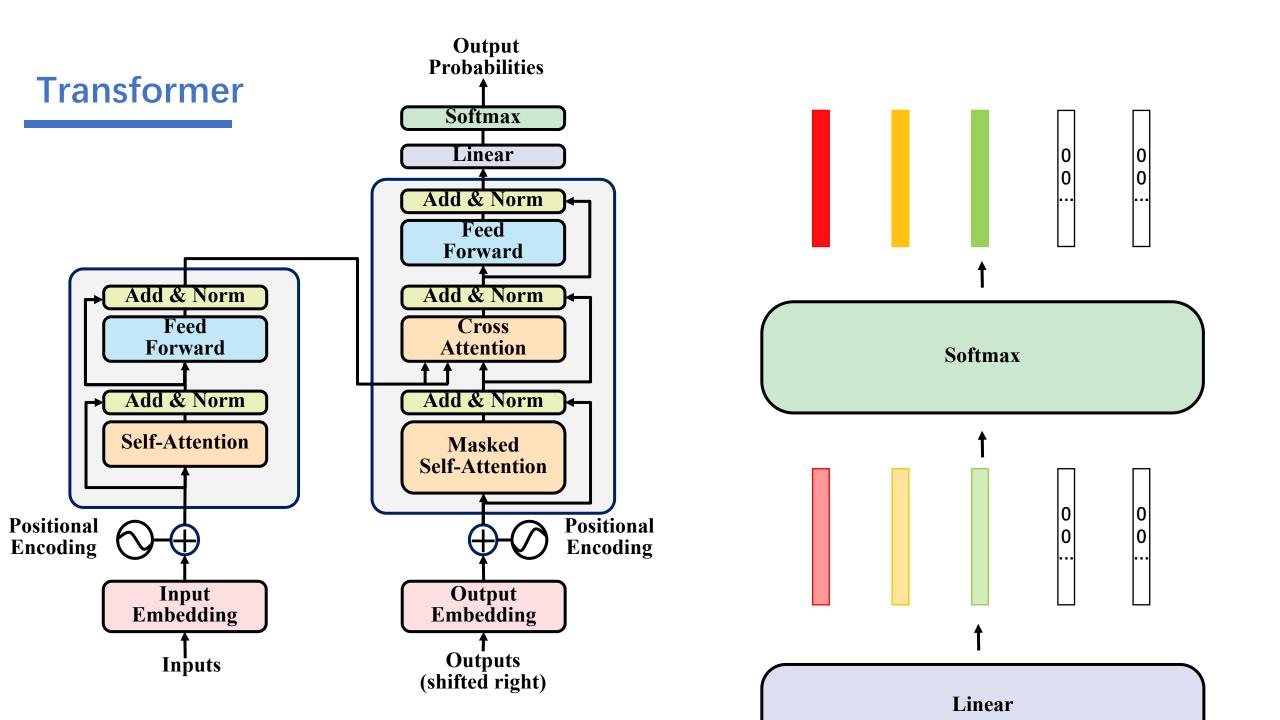


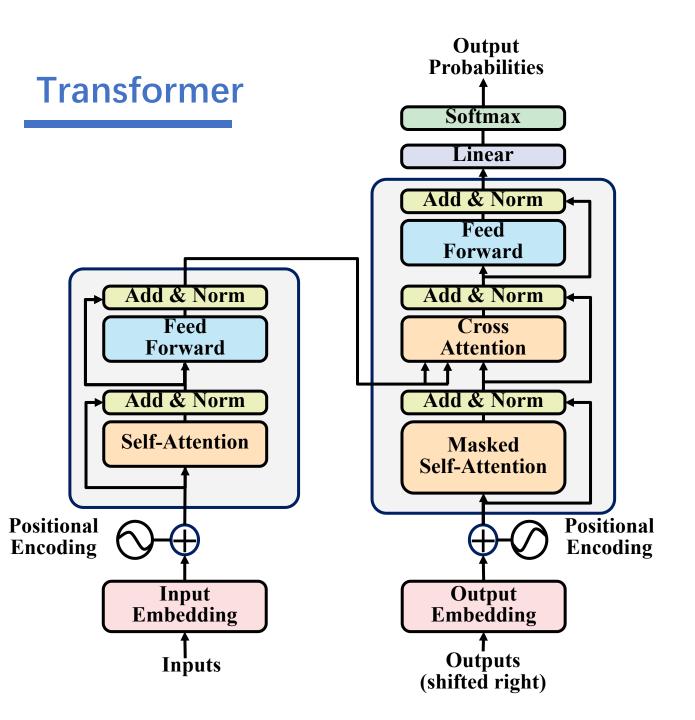


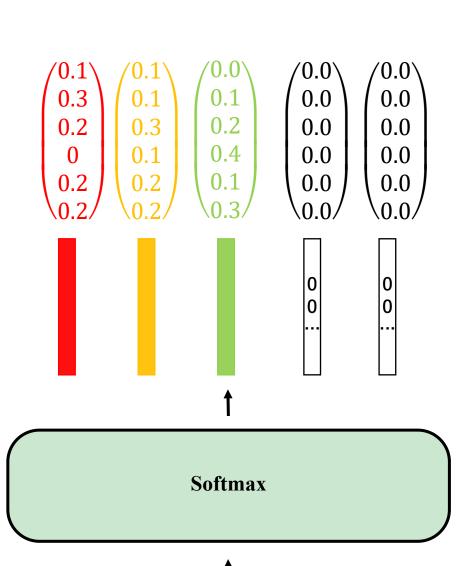


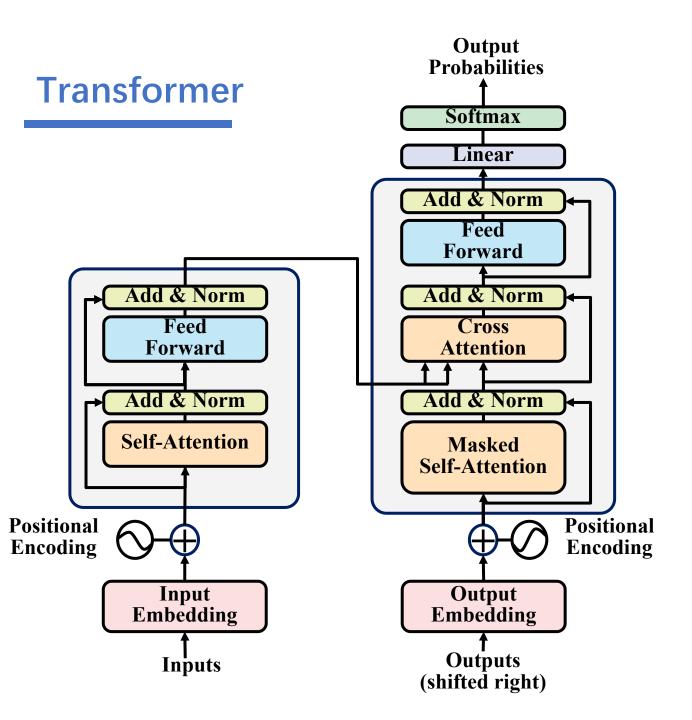
$$Linear(x) = Wx + b$$

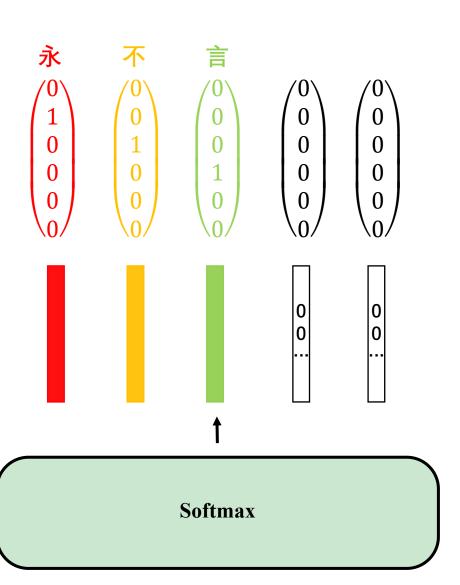












Attention、Transformer公式推导与矩阵变换

谢谢大家~