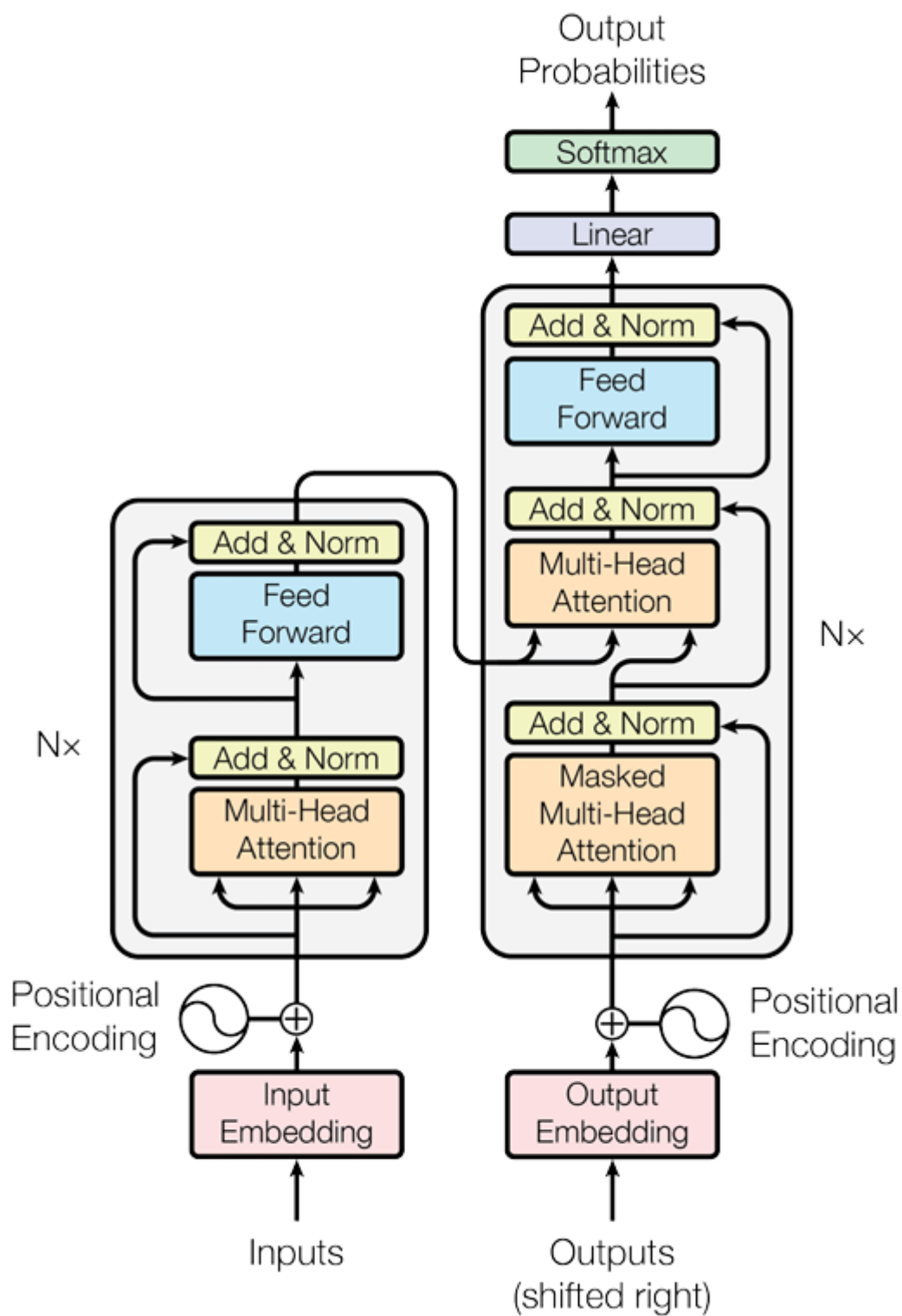


Transformer

overall structure



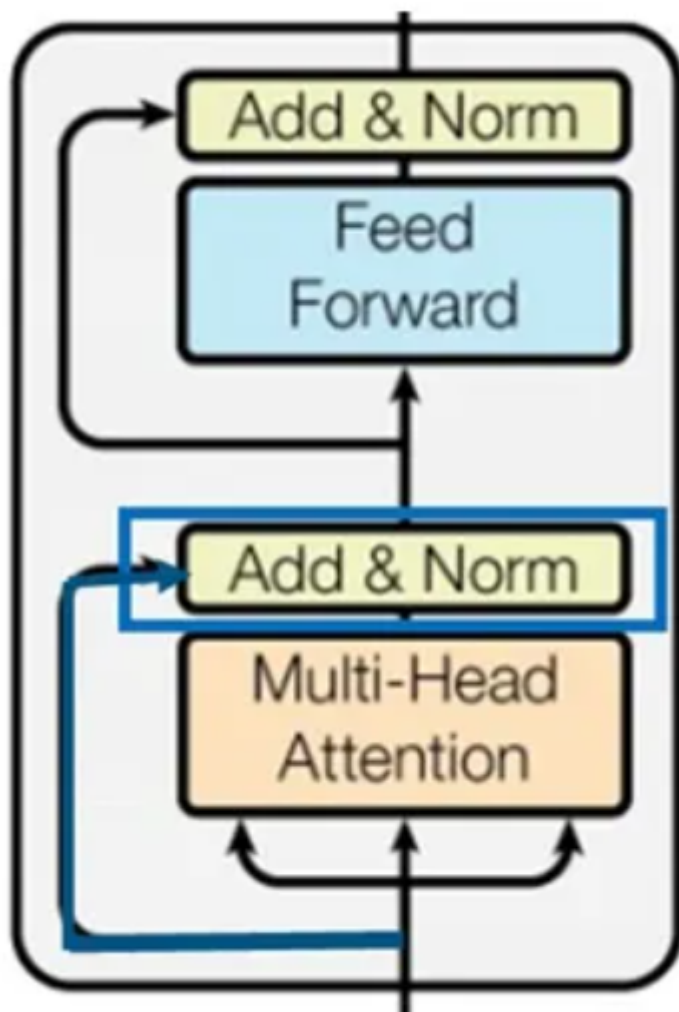
Position Encoding

Multi-head Attention

use torch.einsum to implement multi-head attention elegantly.

Add & Norm

Add layer means residual connection between the input and output of the multi-head attention.



Norm means Layer Normalization here.

Feed Forward

A simple MLP structure.

Combination