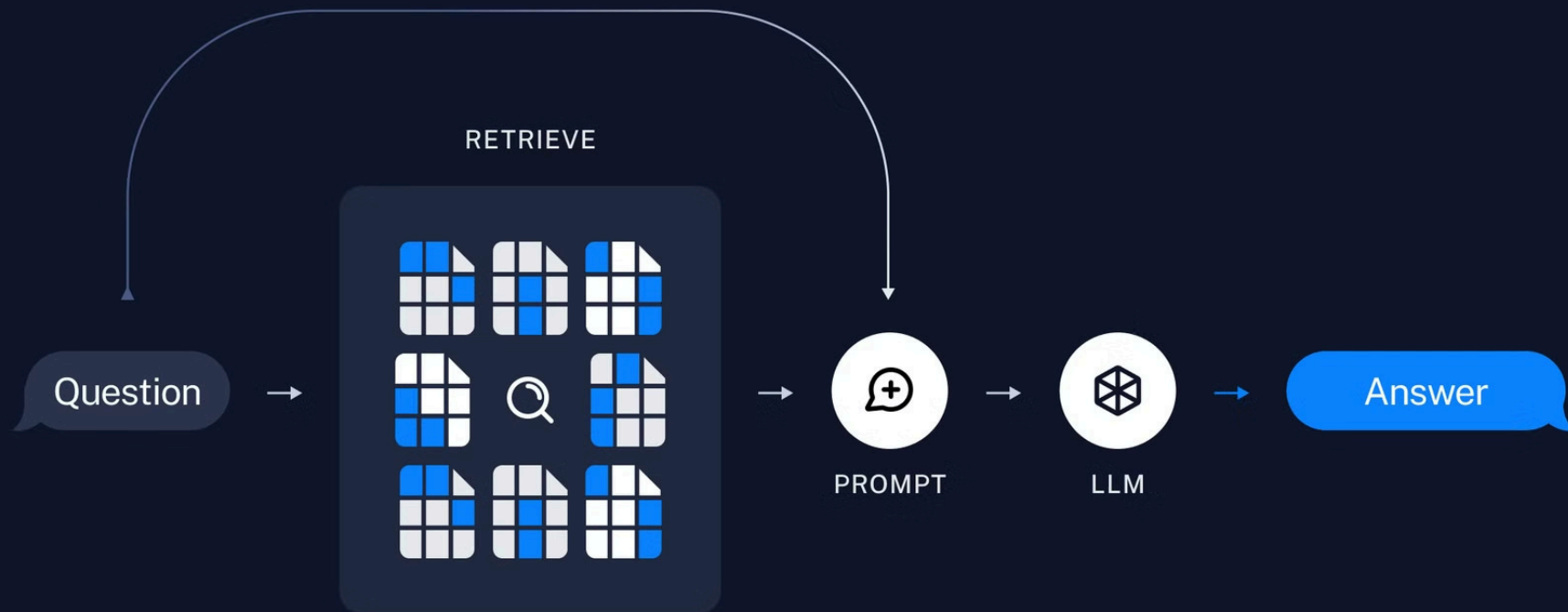


Week 5: Setting up and basic interactions

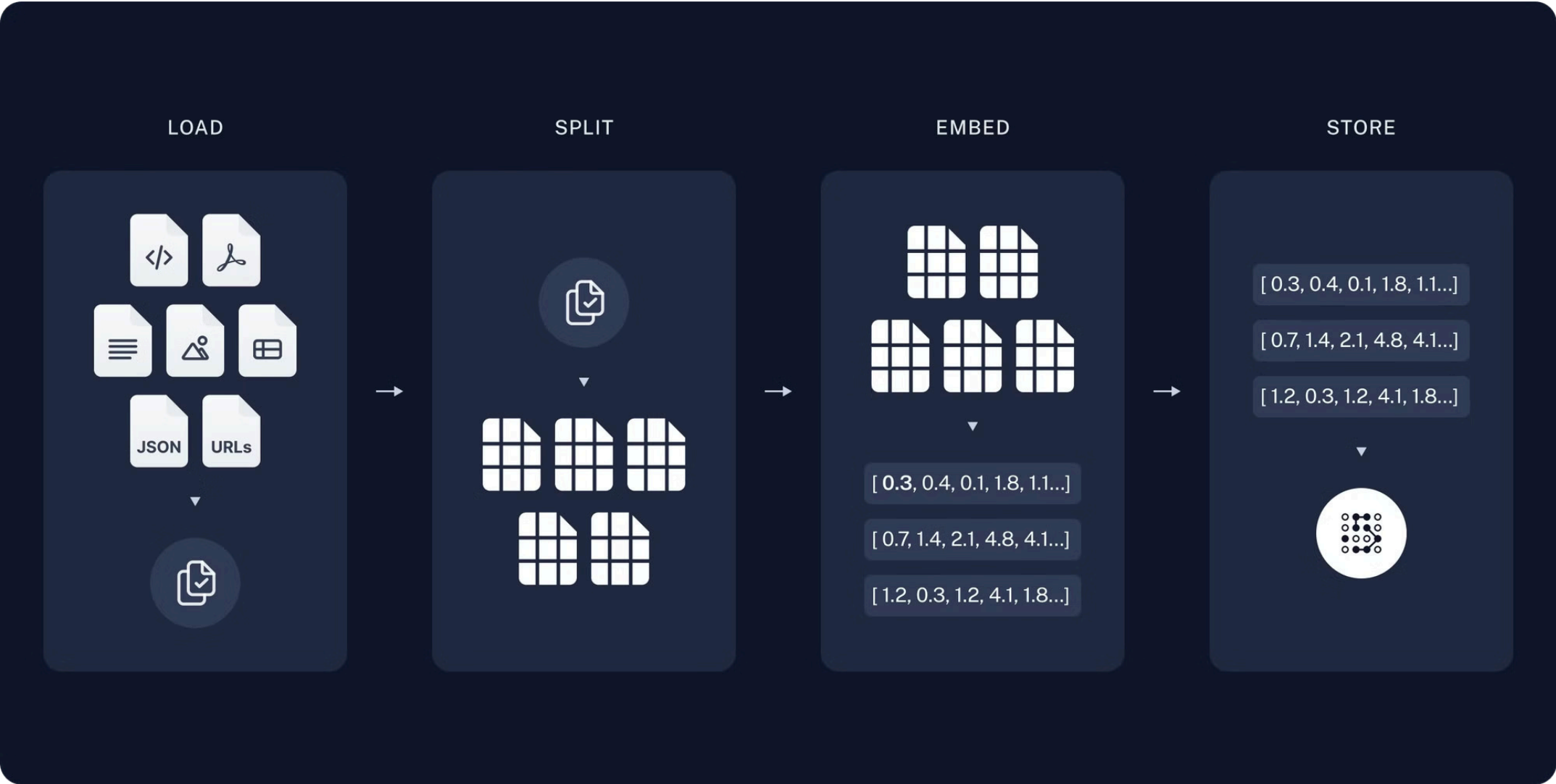
 by Alwin Lin

So, what is RAG

[Old Paper from 2020](#)



What does it have to do with Embedding?



Why Vectors?

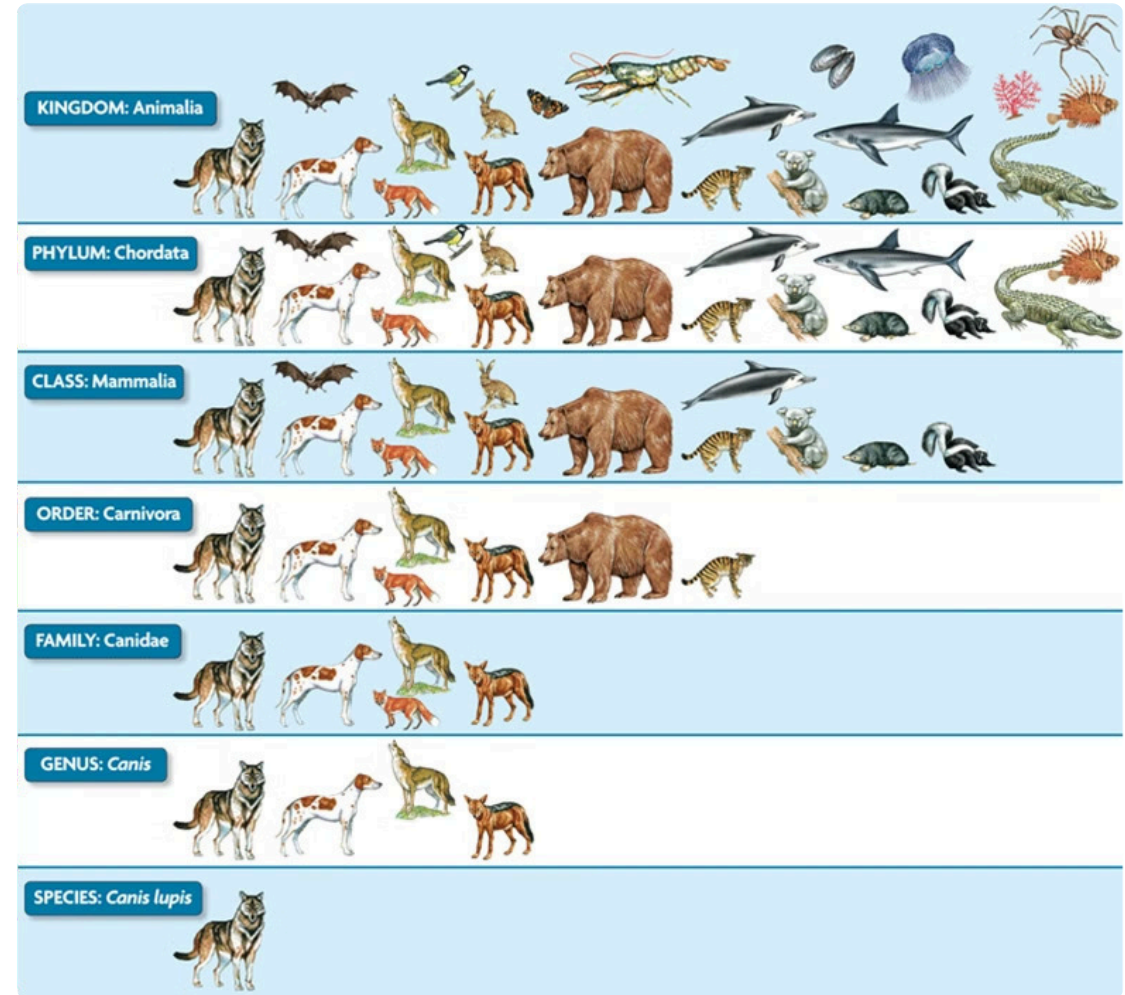
vulpes lagopus

nyctereutes procyonoides

canis familiaris

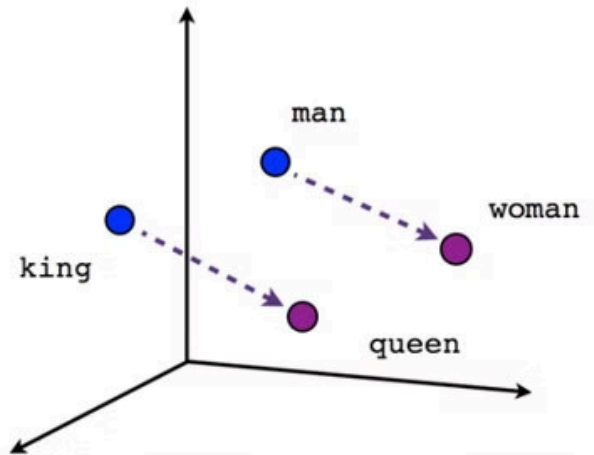
vulpes vulpes

latimeria chalumnae

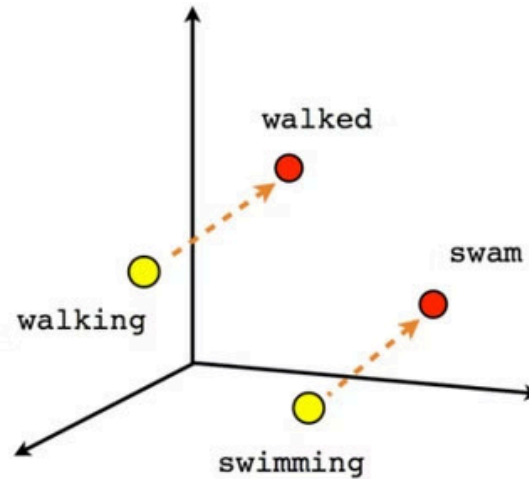


How Does Embedding Work?

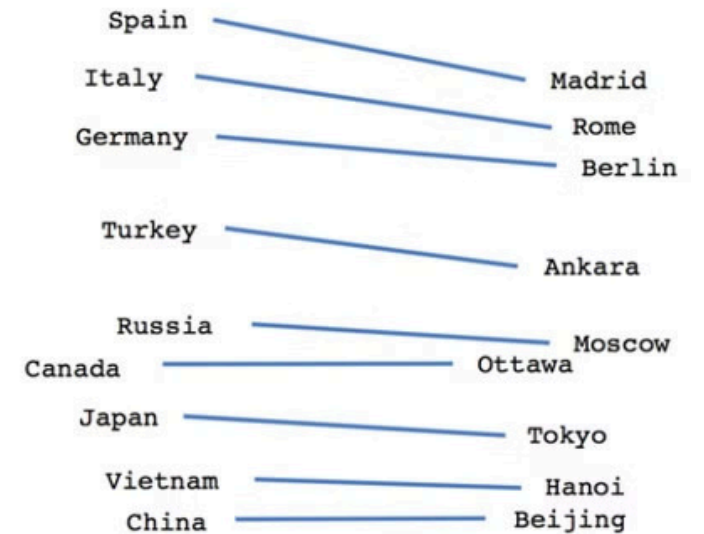
Word2Vec



Male-Female



Verb tense



Country-Capital

We got a vector, now what?

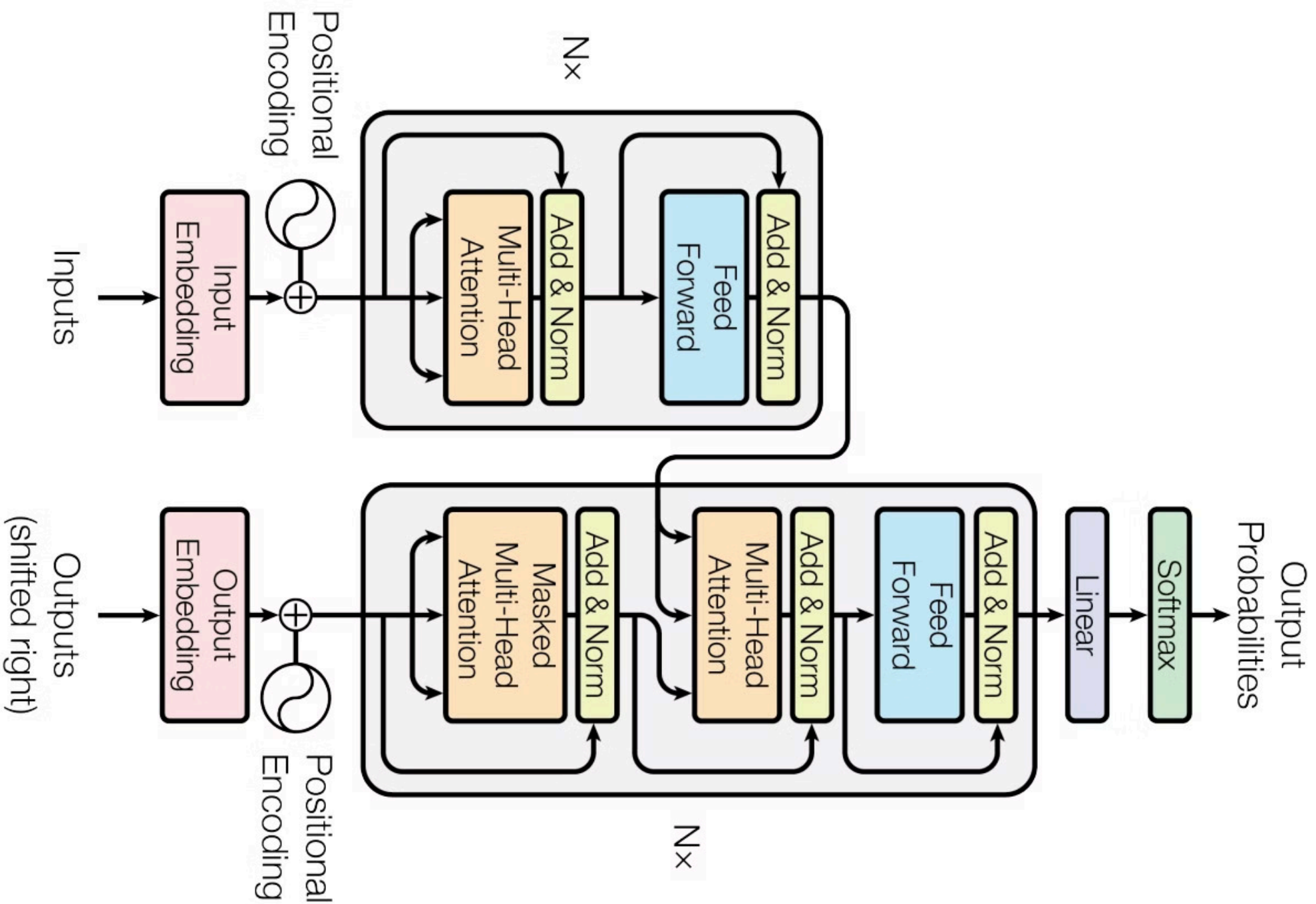


Figure 1: The Transformer - model architecture.

We got a vector, now what?

I went for a jog today V.S Can you jog my memory

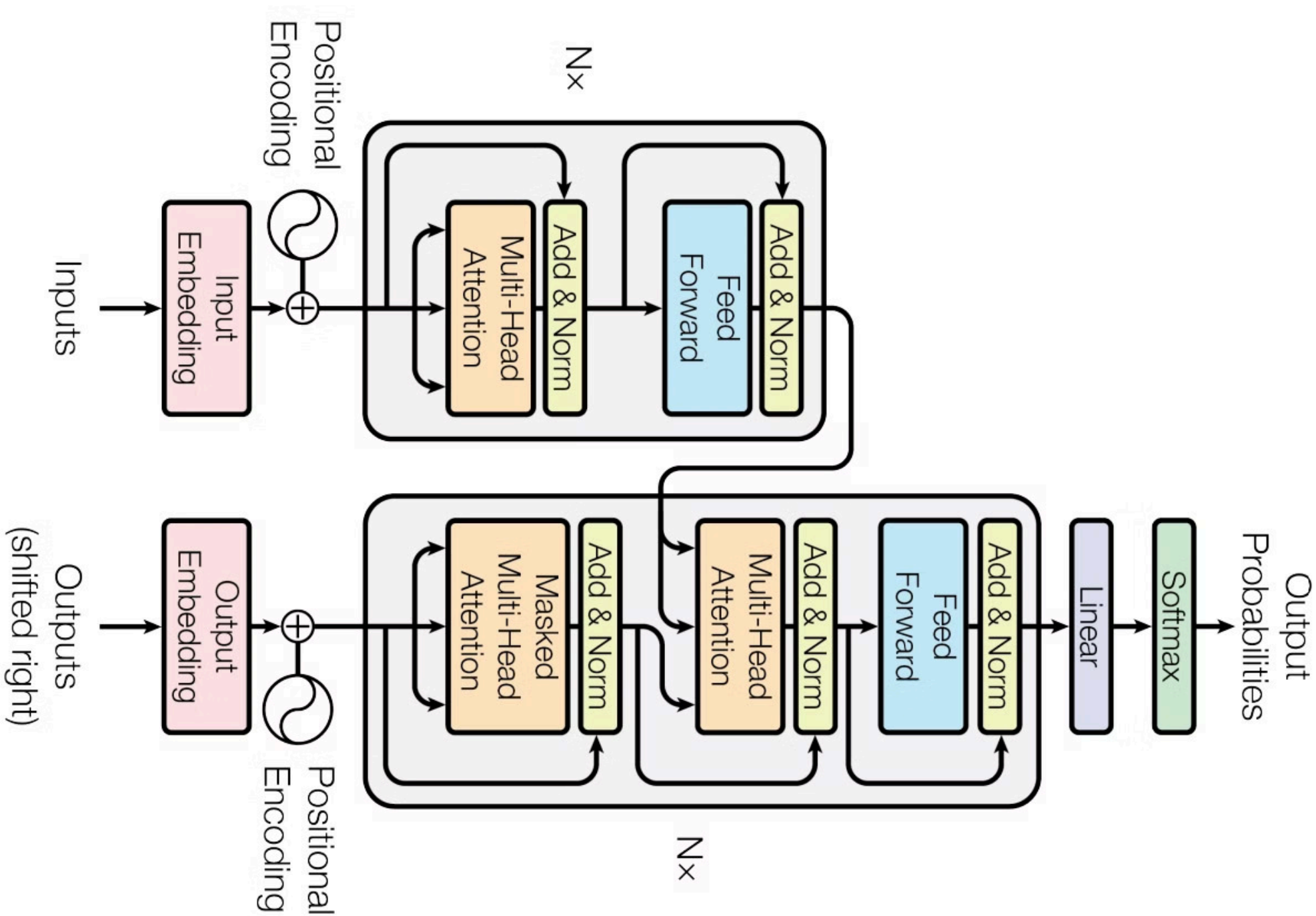


Figure 1: The Transformer - model architecture.

The End? Not Really.

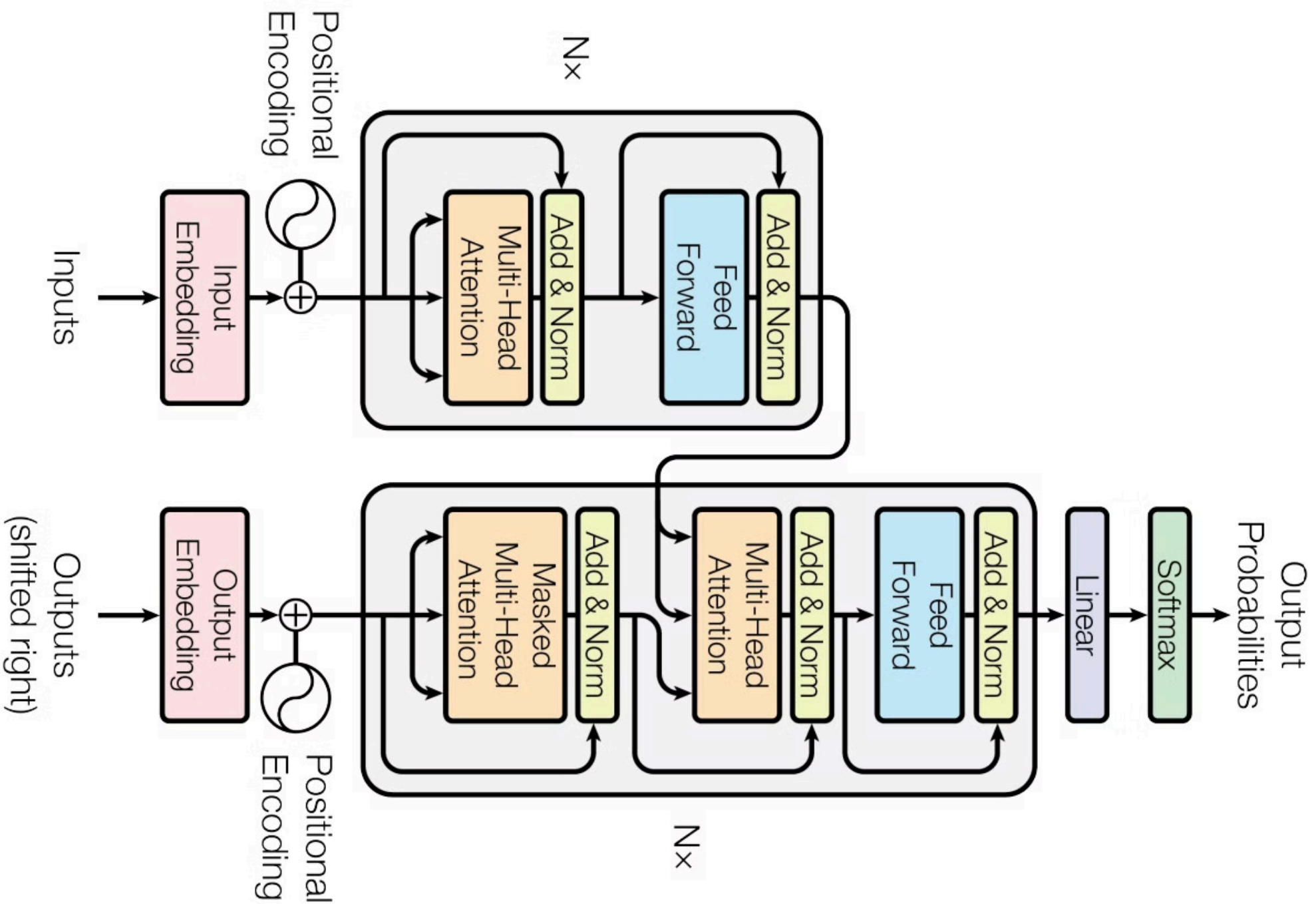


Figure 1: The Transformer - model architecture.

Now, the prototype:

Embedding based recommendation system

