## Attention Is All You Need

The Transformer model introduces a novel architecture that relies entirely on attention mechanisms, dispensing with

## **Key Points:**

- 1. Self-attention allows weighing token importance.
- 2. Multi-head attention captures multiple relationships.
- 3. Positional encoding keeps track of word order.
- 4. Efficient training compared to RNNs.
- 5. Foundation for GPT, BERT, and many modern LLMs.