

Why Do We Need Sequence-to-Sequence Models?

⚠ Challenge: Variable-Length Input → Variable-Length Output

Machine Translation

Hello



안녕하세요

Text Summarization

Long article...



Short summary

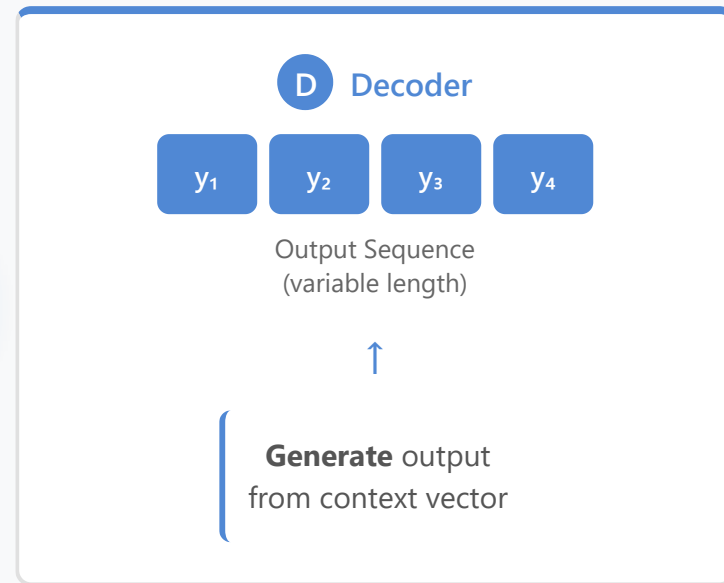
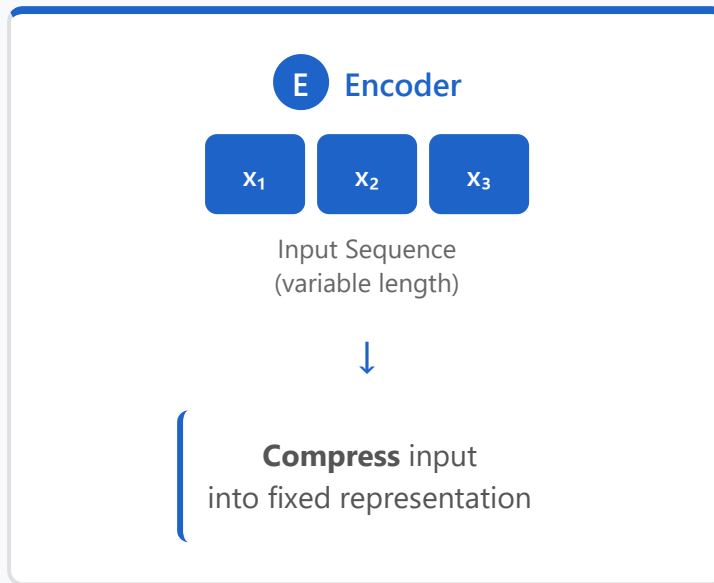
Question Answering

What is AI?



AI is...

✓ Solution: Encoder-Decoder Architecture



Handles different lengths



Fixed context vector



End-to-end learning