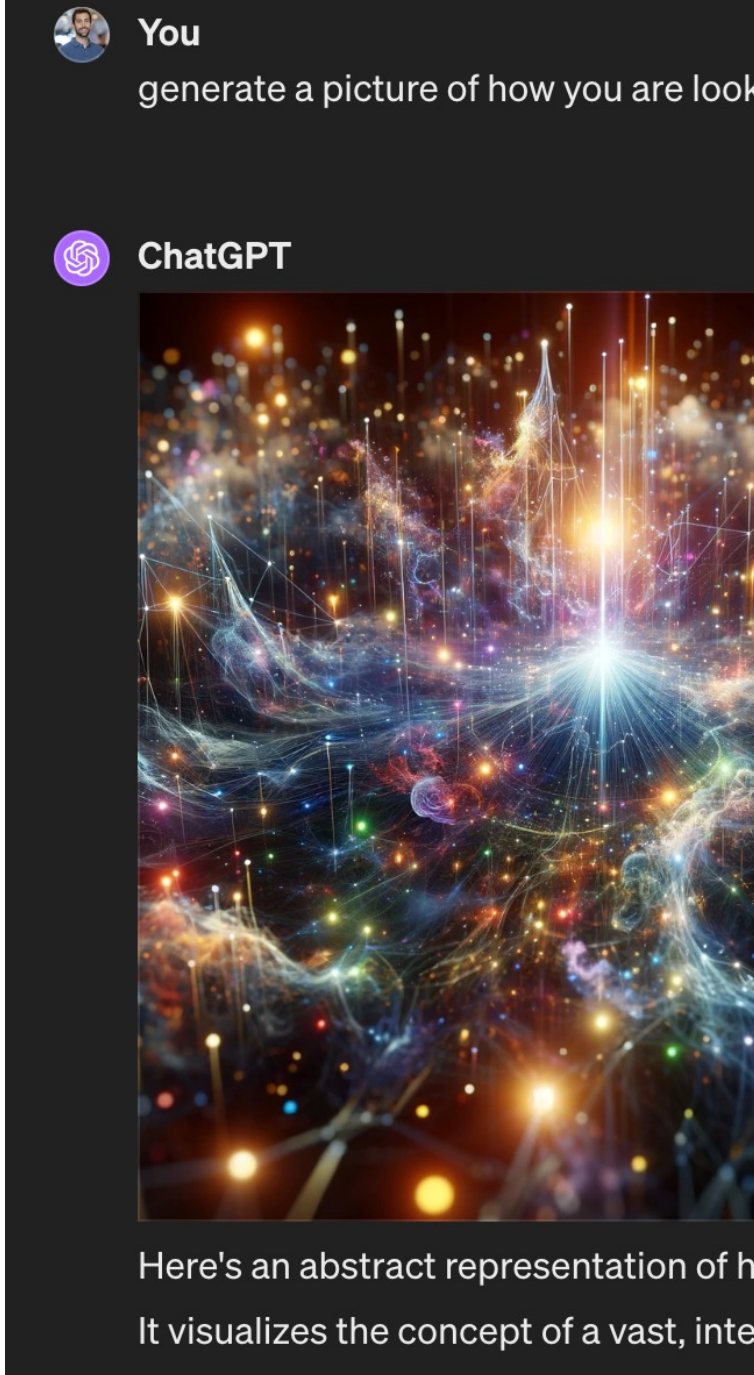
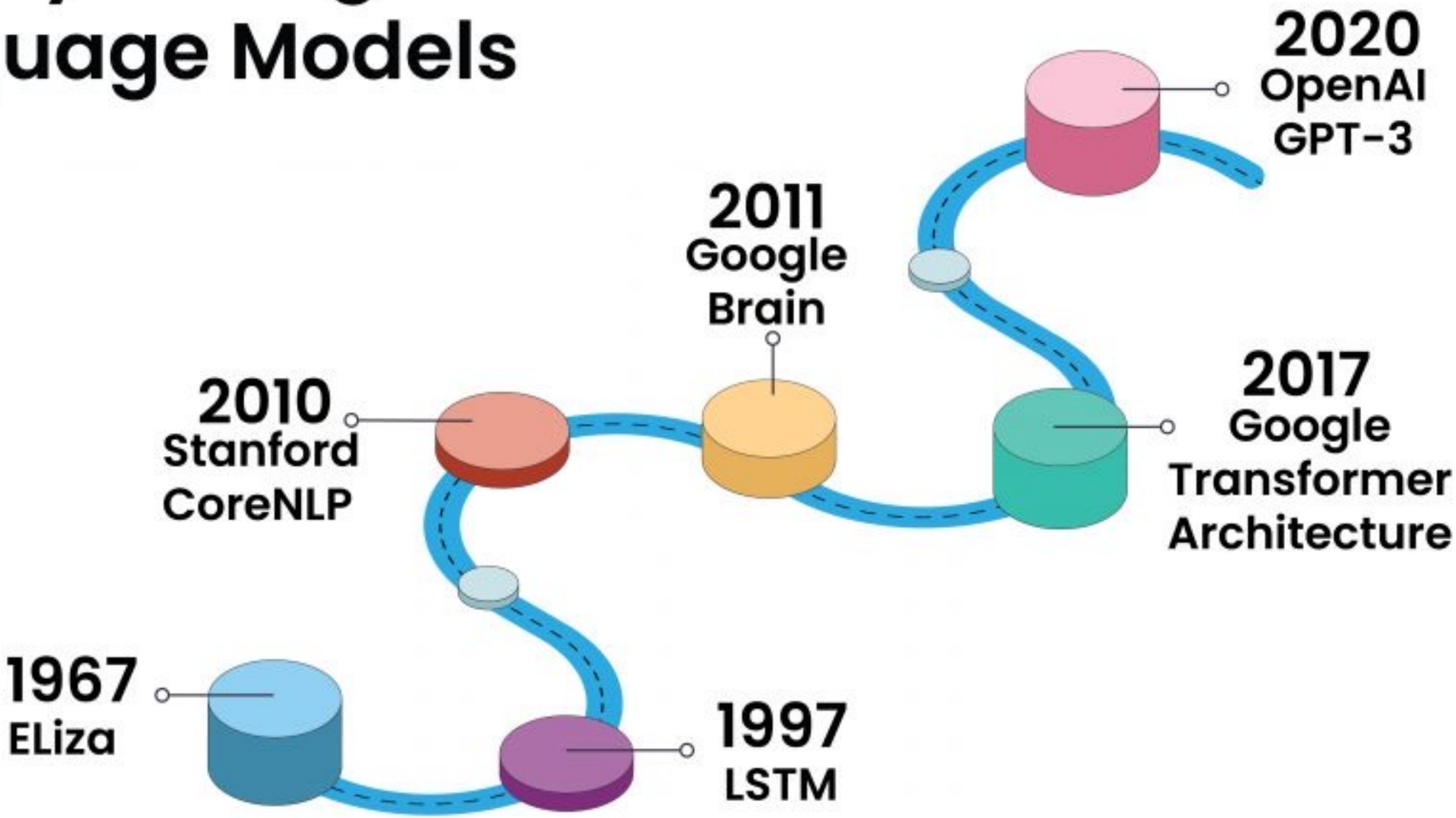
LLMs

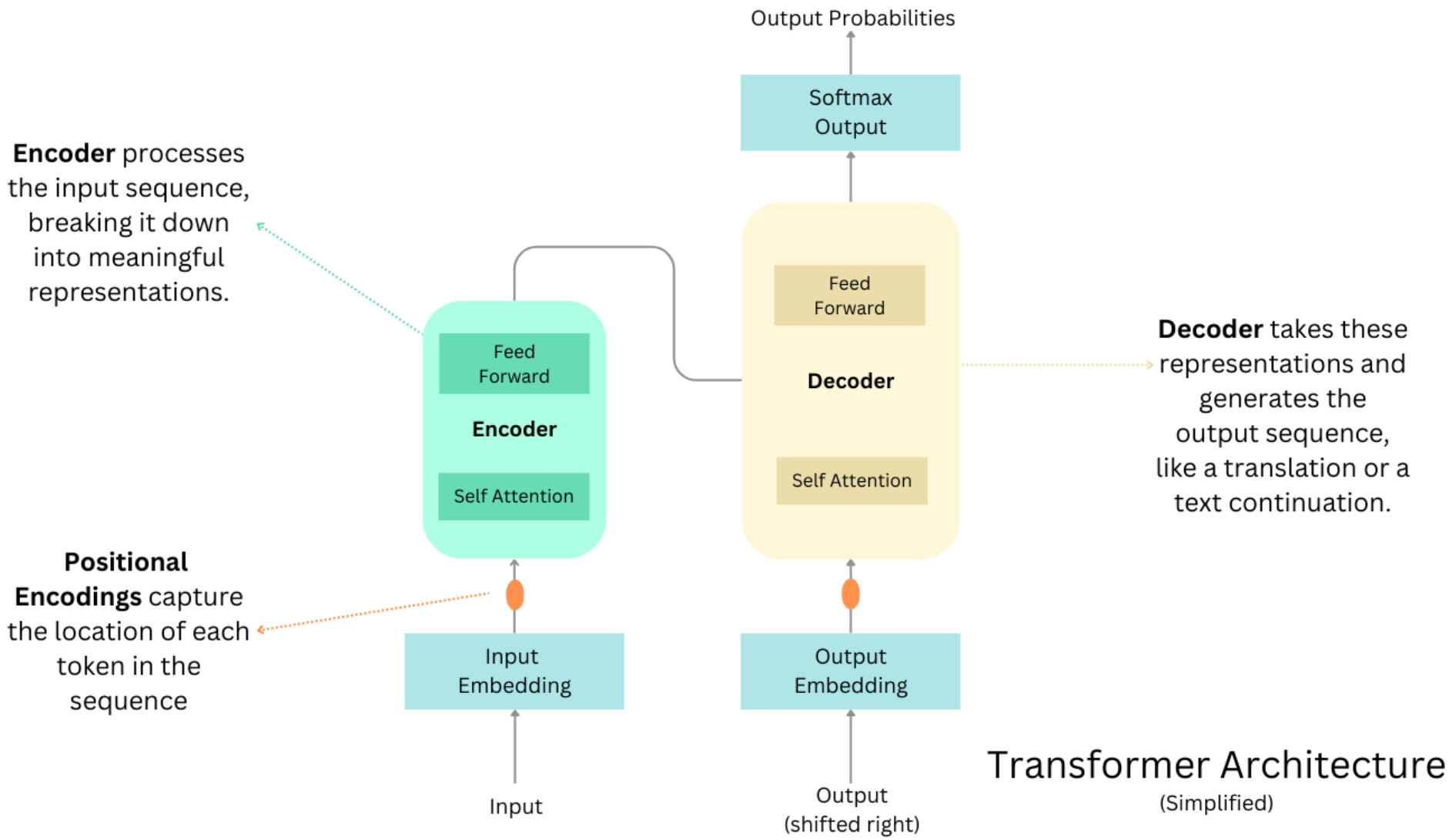
How did we even get here?



History of Large Language Models



The Transformer



Transformer Architecture
(Simplified)

ENCODER

Understanding

Transforming input data into a higher dimension

USE CASES:

Embeddings

Classification

Named Entity Recognition (NER)

Information Extraction

DECODER

Generating

Generating output sequences from an embedding

USE CASES:

Output Generation

Machine Translation

Image Captioning

Speech to Text

ENCODER-DE

Both

Combination of bot

USE CASES:

Machine Translati

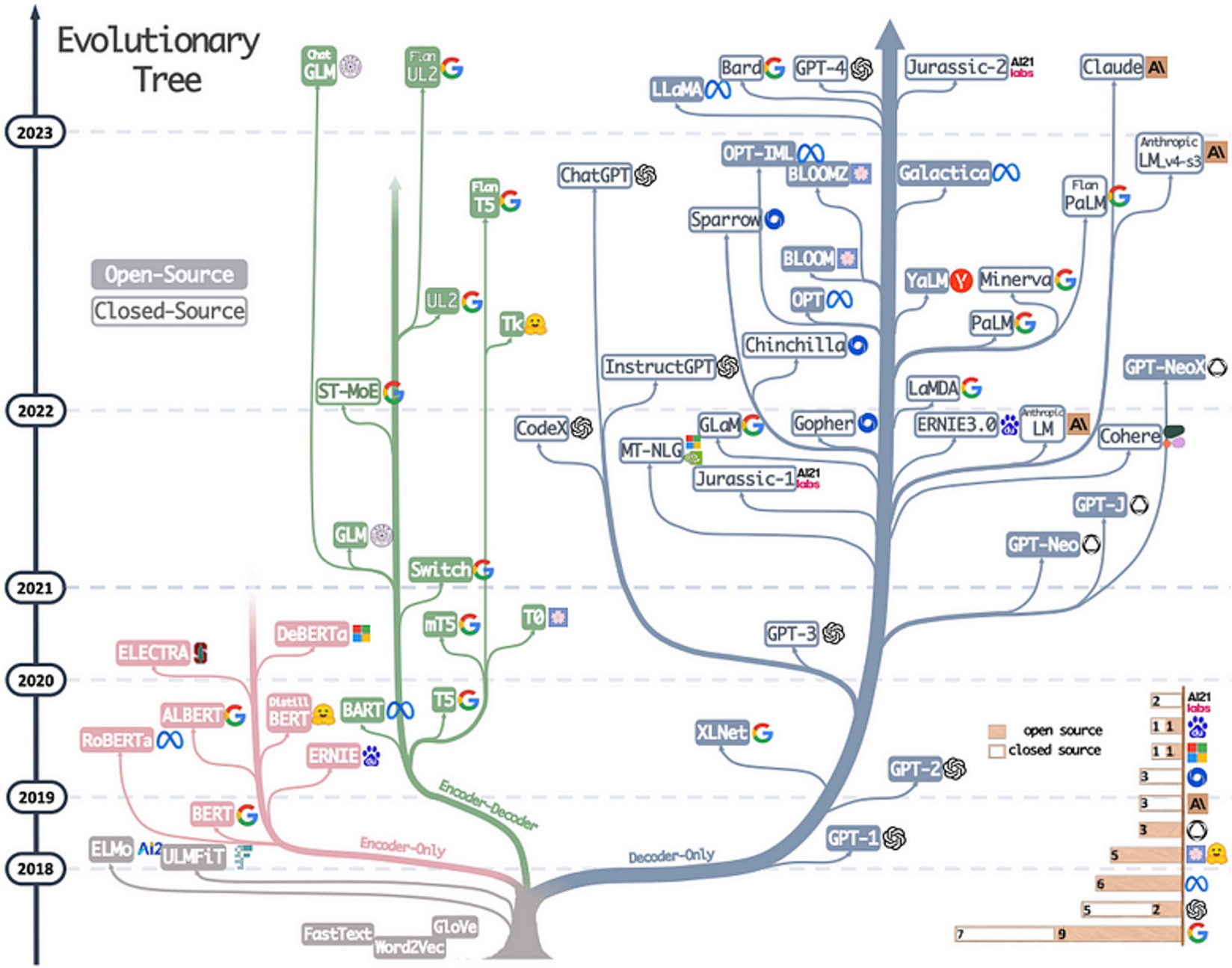
Summarization

Question Answerin

Text to Speech

Speech To Text

LLM EVOLUTIONARY TREE



Websites to check out

Prompt Engineering Guide

https://www.promptingguide.ai/

Hugging Face

https://huggingface.co/

LangChain

https://www.langchain.com/

https://lmstudio.ai/