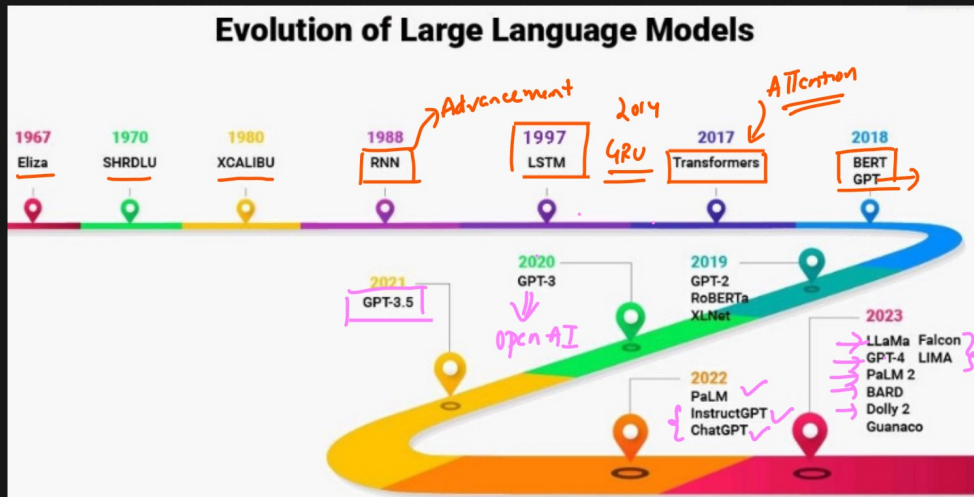


# Evolution of Large Language Models



2024 → OpenAI → Multimodal → GPT 4.0 ← NLP → Images

2024 → Google Gemini Pro 1.5 → Paid Models

2024 → Llama 3, Anthropic (Claude Opus, Huggingface.

⇒ Google Gemini 2

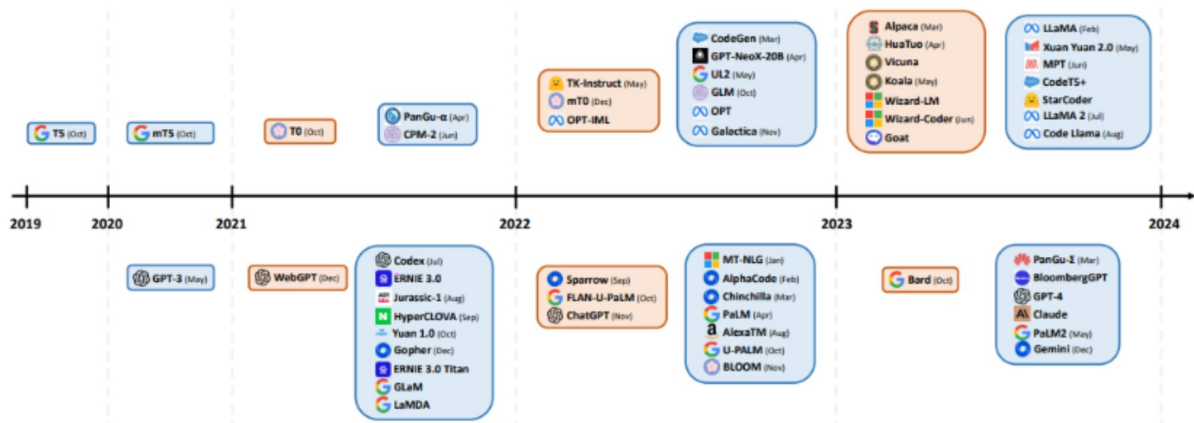


Figure 2: Chronological display of LLM releases: blue cards represent 'pre-trained' models, while orange cards correspond to 'instruction-tuned' models. Models on the upper half signify open-source availability, whereas those on the bottom half are closed-source. The chart illustrates the increasing trend towards instruction-tuned models and open-source models, highlighting the evolving landscape and trends in natural language processing research.