






Popular LLM Models:

Create Your Own or Use Enterprise LLM-based Applications with OpenAI, Hugging Face, LangChain, Healthcare LLMs, or Nemo.

Contact idscc@miami.edu for any project requirements or developments on LLMs.

LLM Models Open AI  Proprietary with API Key	LLM Models Hugging Face  Open Source	Building a Chatbot using Gradio  MIT Open Source	IBM LangChain  Open Source Orchestration Framework	Healthcare + Clinical LLMs	NVIDIA NeMo Neural Modules  Open Source
Text Generation Models: GPT-3, GPT-4, and supports pre-trained models, fine-tuning, transfer learning	Transformers, Tokenizers, text classification, language translation, and text generation, question answering, summarization	Machine learning models through user-friendly interfaces	IBM for specific LLM application, custom developments power by Python and Java Script: Certain LLMs may require a subscription.	Open Source—BioBERT, ClinicalBERT Proprietary—Google: MedPaLM + Med-PaLM 2 Cloud based API, LaMDA 2 Google Gemini AI 1.5 pro (free and paid version)	NVIDIA NeMo: Cloud complete solution for building enterprise-ready LLMs— supports distributed training and speech processing
Playground, Assistants Embeddings Tokens, OpenAI provides APIs for accessing these models for various use cases.	Natural Language Processing (NLP) tasks, model hub. Transformers is backed by the three most popular deep learning libraries: Jax, PyTorch, and TensorFlow	Support for Various Input Types: text, images, audio, and video Integration with Machine Learning Models: TensorFlow, PyTorch, and scikit-learn.	Easily deploy your LangChain application with LangServe	Open Source: Megatron-LM Library Proprietary: BioMegatron, NVIDIA's Megatron-LM	Pre-Trained Models, Fine-Tuning, and Transfer Learning
Sora: Creating video from text and supports both NLP and NLU Tasks.	Computer Vision, Multimodal	Deployment Flexibility: including local machines, cloud servers, and web applications.	Observe performance with LangSmith	Open Source : GatorTron-large LLaMA 2: deep learning and large-scale language modeling to facilitate various applications	Model Evaluation and Metrics, Model Deployment