



Date	Name of Model	Lab/Company	Country	Country Classification	Parameters (B)	Notes
Oct 2018	<a href="#">BERT</a>	Google	US	U.S. Companies	340	Initial family of BERT models
Oct 2019	<a href="#">T5</a>	Google	US	U.S. Companies	11	
Apr 2020	<a href="#">Megatron-11B</a>	Meta AI	US	U.S. Companies	11	
May 2020	<a href="#">GPT-3</a>	OpenAI	US	U.S. Companies	175	
Jan 2021	<a href="#">Switch-Transformer</a>	Google	US	U.S. Companies	1000	mixture-of-experts model
Mar 2021	<a href="#">M6-T</a>	Alibaba Group	China	Chinese Companies	1000	
Apr 2021	<a href="#">PanGu-Alpha</a>	Huawei	China	Chinese Companies	200	
Apr 2021	<a href="#">PLUG</a>	Alibaba Group	China	Chinese Companies	27	
May 2021	<a href="#">WuDao 2.0</a>	BAAI	China	Chinese Companies	1750	
May 2021	<a href="#">HyperCLOVA</a>	Naver	South Korea	Rest of World	204	
Jun 2021	<a href="#">LaMDA</a>	Google	US	U.S. Companies	137	external info retrieval
Jun 2021	<a href="#">CPM-2</a>	Tsinghua/BAAI	China	Chinese Companies	137	
Aug 2021	<a href="#">Codex</a>	OpenAI	US	U.S. Companies	12	
Aug 2021	<a href="#">Jurassic-1</a>	AI21	Israel	Rest of World	178	
Aug 2021	<a href="#">XLNet-XXL</a>	Facebook AI Resea	US	U.S. Companies	10.7	
Sep 2021	<a href="#">FLAN</a>	Google	US	U.S. Companies	137	Fine-tuned language model
Sep 2021	<a href="#">PLATO-XL</a>	Baidu	China	Chinese Companies	11	
Sep 2021	<a href="#">Macaw</a>	Allen AI	US	U.S. Companies	11	
Oct 2021	<a href="#">MT-NLG</a>	Microsoft/NVIDIA	US	U.S. Companies	530	
Oct 2021	<a href="#">Yuan 1.0</a>	Inspur	China	Chinese Companies	246	
Nov 2021	<a href="#">Luminous</a>	Aleph Alpha	Germany	Rest of World	200	
Nov 2021	<a href="#">BERT-480</a>	Google	US	U.S. Companies	480	Another implementation of BERT
Nov 2021	<a href="#">BERT-200</a>	Google	US	U.S. Companies	200	Another implementation of BERT
Dec 2021	<a href="#">ERNIE 3.0 Titan</a>	PCL/Baidu	China	Chinese Companies	260	
Dec 2021	<a href="#">Wenxin</a>	PCL/Baidu	China	Chinese Companies	280	
Dec 2021	<a href="#">Gopher</a>	DeepMind	UK	Rest of World	280	
Dec 2021	<a href="#">GLaM</a>	Google	US	U.S. Companies	1200	mixture-of-experts model
Dec 2021	<a href="#">52B</a>	Anthropic	US	U.S. Companies	52	
Dec 2021	<a href="#">EXAONE</a>	LG	Korea and US (Pars	Rest of World	300	Trained in both Korean and English
Jan 2022	<a href="#">CM3</a>	Meta AI	US	U.S. Companies	13	
Feb 2022	<a href="#">GPT-NeoX-20B</a>	EleutherAI	Open Collaboration	Rest of World	20	
Mar 2022	<a href="#">BaGuaLu</a>	Tsinghua/DAMO/Ali	China	Chinese Companies	1930	multimodal language model
Mar 2022	<a href="#">VLM-4</a>	LightOn	France	Rest of World	10	
Mar 2022	<a href="#">Chinchilla</a>	DeepMind	UK	Rest of World	70	
Apr 2022	<a href="#">Noor</a>	TII	UAE	Rest of World	10	
Apr 2022	<a href="#">mGPT</a>	Sber	Russia	Rest of World	13	
Apr 2022	<a href="#">CodeT5/CodeGen</a>	Salesforce	US	U.S. Companies	16	Builds on the T5 architecture
Apr 2022	<a href="#">PaLM</a>	Google	US	U.S. Companies	540	
Apr 2022	<a href="#">PaLM-Coder</a>	Google Research	US	U.S. Companies	540	Fine-tuning PaLM on a Python-only code dataset
Apr 2022	<a href="#">Flamingo</a>	DeepMind	UK	Rest of World	80	visual language model (text, image, and video inputs)
May 2022	<a href="#">UL20B</a>	Google Research	US	U.S. Companies	20	
May 2022	<a href="#">OPT-175B</a>	Meta AI	US	U.S. Companies	175	Langue model
Jun 2022	<a href="#">Minerva</a>	Google	US	U.S. Companies	540	Builds on PaLM with further training on a dataset
Jun 2022	<a href="#">YaLM 100B</a>	Yandex	Russia	Rest of World	100	
Jul 2022	<a href="#">NLB</a>	Meta AI	US	U.S. Companies	54.5	
Jul 2022	<a href="#">BLOOM</a>	BigScience	Open Collaboration	Rest of World	176	
Aug 2022	<a href="#">Atlas</a>	Meta AI	US	U.S. Companies	11	
Aug 2022	<a href="#">BlenderBot 3</a>	Meta AI	US	U.S. Companies	175	Chatbot built from OPT-175B, similar to how ChatGPT was built from GPT-3
Aug 2022	<a href="#">GLM-130B</a>	Tsinghua/Zipu	China	Chinese Companies	130	
Aug 2022	<a href="#">AlexaTM 20B</a>	Amazon Alexa AI	US	U.S. Companies	20	
Sep 2022	<a href="#">Sparrow</a>	DeepMind	UK	Rest of World	70	
Nov 2022	<a href="#">Galactica</a>	Meta AI	US	U.S. Companies	120	Science-oriented, trained on millions of research papers
Nov 2022	<a href="#">ChatGPT</a>	OpenAI	US	U.S. Companies	175	Chatbot built on top of GPT-3. Parameter count is an estimate
Dec 2022	<a href="#">Med-PaLM</a>	Google & DeepMinx	US & UK	U.S. Companies	540	Collab between Google & DeepMind. Makes 1% less errors than humans. Combines HealthSearchQA with six existing open-question answering datasets coming from MedQA, MedMCQA, PubMedQA, LiveQA, MedicationQA and MMLU.
Feb 2023	<a href="#">Bard</a>	Google	US	U.S. Companies	?	Powered by LaMDA

This dataset draws on SCSP research as well as data collected by Our World in Data. It includes new and updated LLMs with at least 10 billion parameters. It does not include tools or apps built by third parties on top of LLMs.