

Model Representations Survey

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Long Range Arena: A Benchmark for Efficient Transformers	@11/08/2020	Long Context Benchmark Dataset	Dataset Long Range Arena MultiTask To Read	Google
REBEL: Relation Extraction By End-to-end Language generation	@05/14/2021	Triplet extraction using LLMs	Financial Information Extraction	BabelScope
LongT5: Efficient Text-To-Text Transformer for Long Sequences	@12/15/2021	Extension of T5.	Encoder Decoder LongT5 MultiTask To Read	Google
Finetuned language models are zero-shot learners	@02/08/2022	FLAN. Scaling T5 with multi-task finetuning	Encoder Decoder FLAN MultiTask To Read	Google
Multitask prompted training enables zero-shot task generalization	@03/17/2022	T0	Encoder Decoder MultiTask To Read	Google
Scaling up models and data with t5x and seqio	@03/31/2022	T5X with Mesh-transformer and seqio for model training in distributed manner	Encoder Decoder MultiTask T5X To Read	Google
UL2: Unifying language learning paradigms	@05/10/2022	MultiTask Pre-training framework	MultiTask Pretraining To Read UL2	Google
Scaling instruction-finetuned language models	@12/06/2022	FLAN-T5. Large scale Multitask training models	Encoder Decoder FLAN-T5 MultiTask To Read	Google

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The flan collection: Designing data and methods for effective instruction tuning	@02/14/2023	Final FLAN paper with all FLAN details.	Encoder Decoder FLAN MultiTask To Read	Google
CoLT5: Faster Long-Range Transformers with Conditional Computation	@03/17/2023	Extension of LongT5.	CoLT5 Encoder Decoder MultiTask To Read	Google
Qlora: Efficient finetuning of quantized llms	@05/23/2023	Qlora training efficiently	MultiTask Qlora To Read	UW
PIXIU: A Comprehensive Benchmark, Instruction Dataset and Large Language Model for Finance	@06/08/2023	PIXIU - Financial Instruction tuning dataset.	Dataset Financial MultiTask Read	Wuhan University
Flacuna: Unleashing the problem solving power of vicuna using flan fine-tuning	@07/05/2023	Vicuna + FLAN	FLacuna MultiTask Read Vicuna	Singapore University
Investlm: A large language model for investment using financial domain instruction tuning	@09/05/2023	InvestLM - A financial LLM. Instruction Dataset!	Financial InvestLM MultiTask Read	HKUST
Effective Long-Context Scaling of Foundation Models	@09/27/2023	LLama 2	LLAMA LLama 2 MultiTask To Read	Meta

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Mistral 7B	@10/10/2023	Mistral 7B	Mistral MultiTask To Read	Mistral AI
Pythia: A suite for analyzing large language models across training and scaling	@10/27/2023	Pythia - Showing the progress of how LLMs train across scale and time.	MultiTask Pythia To Read	EleutherAI
Mixtral of experts	@01/08/2024	Mixtral 8X7B	Mistral Mixtral MultiTask To Read	Mistral AI
Superfiltering: Weak-to-strong data filtering for fast instruction-tuning	@02/01/2024	Superfiltering - Data filtering for fast instruction tuning	MultiTask To Read	UMD
A Survey of Large Language Models in Finance (FinLLMs)	@02/04/2024	LLMs for Finance tasks	Financial MultiTask Survey To Read	University of Sydney
FinTral: A Family of GPT-4 Level Multimodal Financial Large Language Models	@02/16/2024	Multimodal Financial LLM based on Mistral 7b	Financial Mistral MultiTask Multimodal Read	UBC
The FinBen: An Holistic Financial Benchmark for Large Language Models	@02/20/2024	Financial dataset for LLMs	Dataset Financial MultiTask Read	Wuhan University
Less: Selecting influential data for targeted instruction tuning	@02/20/2024	Less - Selective instruction tuning for targeted instruction tuning	Less MultiTask To Read	Princeton
Olmo: Accelerating the	@02/28/2024	OLMO is a completely open LLM including all datasets, all training	MultiTask OLMO To Read	Allen AI

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<u>science of language models</u>		logs, and all the nitty gritty details. https://allenai.org/olmo		
<u>K2: A foundation language model for geoscience knowledge understanding and utilization</u>	@03/01/2024	Llama 2 7B based Geoscience LLM - Instruction tuning parallel.	K2 LLama 2 MultiTask Read	Shanghai Jiao Tong University
<u>WizardLM: Empowering large pre-trained language models to follow complex instructions</u>	@03/13/2024	Wizard LM - open domain instruction tuning	MultiTask To Read WizardLM	Microsoft
<u>Continual Learning of Large Language Models: A Comprehensive Survey</u>	@04/25/2024	Continual Learning for LLMs, how can we do continues finetuning on an existing LLM.	Continual Learning Financial MultiTask To Read	Rutgers University
<u>Untitled</u>			Financial	
<u>Embedding based models for Roll-Forward</u>			Financial	