

Sunday, March 16, 2025

Latest: Data? From Offline to Online RL



A promotional image for Up As Pro Tutor services. On the left, a person in a suit is shown from the side, holding a smartphone. Overlaid on the image is a grid of hexagonal icons representing various fields of study and technology, such as a cloud, a lightbulb, a wrench, a person sitting at a desk, a brain, a person walking, a gear, a flask, a plug, and a person running. In the center, the word "Tutor" is written in a large, orange, serif font. Below it, a block of text reads: "Unlock your potential in AI, Machine learning, Robotics with our comprehensive Master Class Specializations and one-on-one tutor sessions. Sign up now to accelerate your career in this dynamic field by receiving personalized guidance from academic and industry experts." At the bottom center, a blue button contains the text "Register now!"



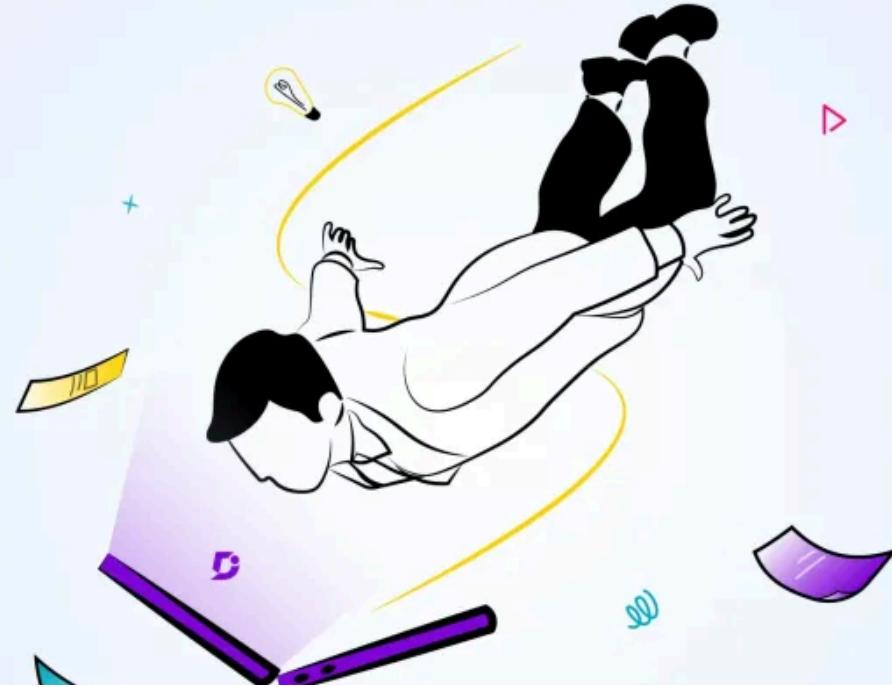
Top 10 Open source AI GitHub page 2024

November 29, 2024



HuggingFace: Tokenizer Arena, AutoQuizzer, PaliGemma

November 1, 2024



Deep dive: Llama3 from scratch, LinearBoost, LoRA Learns and Forgets Less

October 11, 2024



Google project Astra, Veo, 2M token Gemini

September 20, 2024

Pre-training

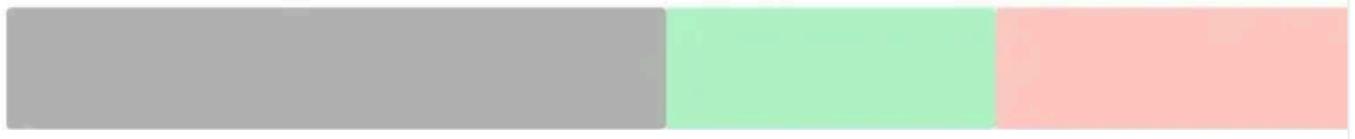
Post-training



Pre-training

Post-training

Inference



Inference-Time Scaling vs training compute

September 13, 2024



Technow: Phi-3, Open LLM iOS app, Mini-Gemini, LLaMa-Factory

July 12, 2024

AI and machine learning

AI FOR GREEN LAND & OCEAN!

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AI Optimization: The Key to Smart Transportation?

■ February 24, 2025 admin

Modern transportation is a major contributor to CO2 emissions, but AI could be the game-changer we need! This video explores



Technow: Block sparsity by Meta, RAPIDS cuDF by Nvidia, efficient-kan

■ December 13, 2024



Deepdive: SimPO outperform DPO, Data Curation for Self-Supervised, Attention as an RNN

■ November 22, 2024



Deepdive: half memory with sequential backward calls, SaySelf, Diffusion On Syntax Trees

■ November 15, 2024



Technow: LLM Bootcamp, YOLOv10, Grokfast

■ November 8, 2024



Deepdive: Mind of LLM, Mamba-2, Dask

Oct 25, 2024



Technow: Context Managers Using contextlib, Phi-3 family, Verba RAG

Oct 18, 2024



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Oct 7, 2024

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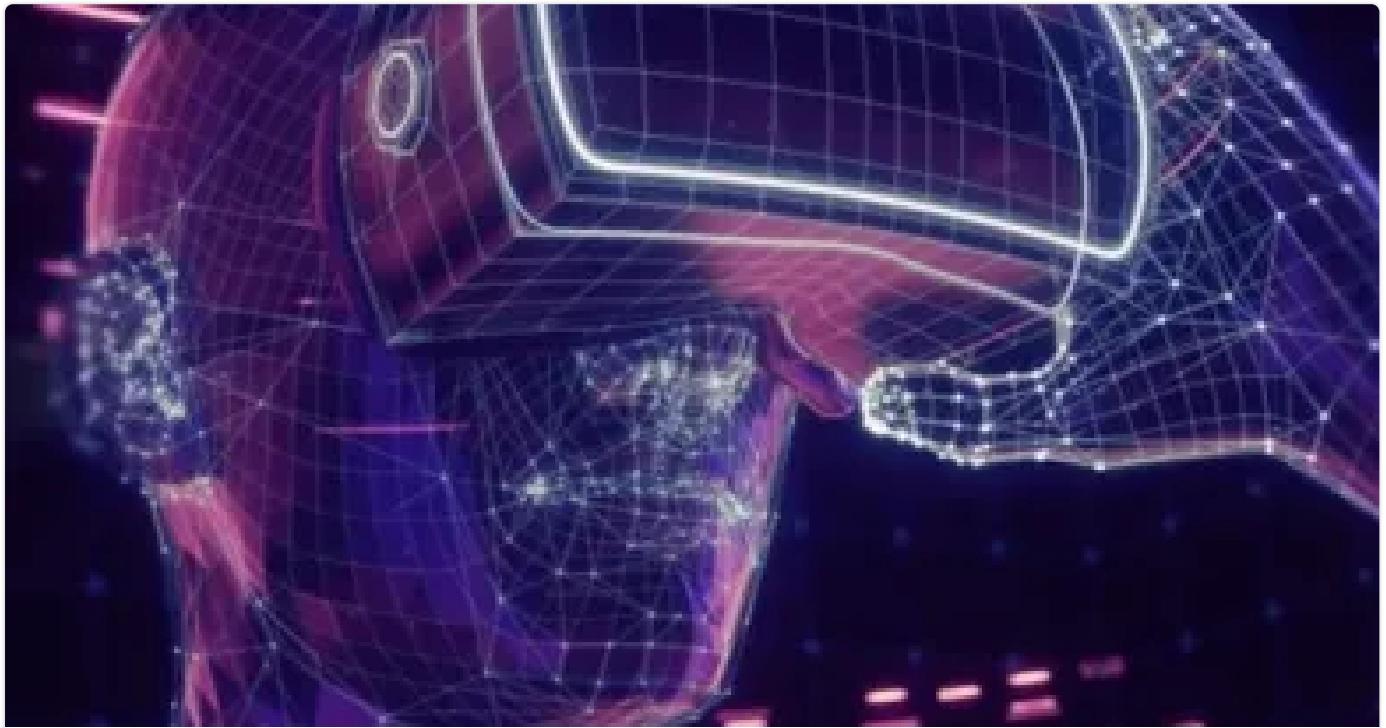
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Technow: Block sparsity by Meta, RAPIDS cuDF by Nvidia, efficient-kan

Dec 13, 2024 · admin

Unlocking faster AI performance is the focus of today's post! Discover how block sparsity speeds up Vision Transformers (ViTs) by 1.46x with minimal accuracy loss, potentially benefiting large language models too. Learn about RAPIDS cuDF integration in Google Colab, offering up to 50x acceleration for pandas code on GPU instances. Plus, dive into the efficient implementation of Kolmogorov-Arnold Network (KAN) that reduces memory costs and enhances computation efficiency.



Technow: Cost and run time to train GPT, RT-DETR, Tarsier, PyTorch's "bottleneck"

Dec 6, 2024



Deepdive: SimPO outperform DPO, Data Curation for Self-Supervised, Attention as an RNN

🕒 November 22, 2024



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GENERAL

Attract smart people to work in your AI startup

🕒 June 28, 2024 🚩 admin

In the competitive landscape of tech startups, attracting smart and talented individuals is crucial for success. This guide provides actionable steps to make your startup appealing to top talent, with a focus on SaaS and tech companies facing challenges with AI advancements and developer costs.



Get 69% More Interviews with Irresistible Cover Letter and Resume AI Hacks

May 27, 2024



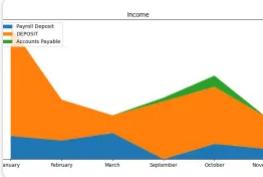
Maximise your tax benefits in Canada

April 12, 2024



Unlocking Business Potential: Top 6 Power of AI and LLM

January 12, 2024



Cashflow tracker with AI

November 17, 2023



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August 5, 2020

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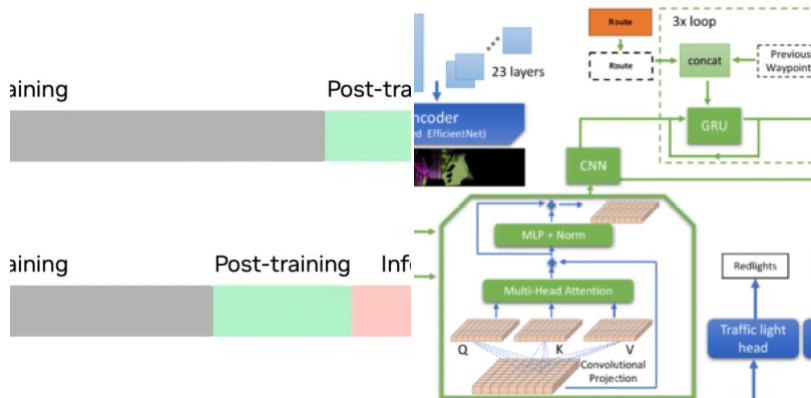
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