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2m • Edited • 🌐

You may be familiar with DevOps and MLOps, but how about LLMOps? 🫨

Simplistically 💡 :
🌟 DevOps: Integrates and automates software DEVelopment and IT operations for faster, smoother software delivery.
🌟MLOps: Streamlines the lifecycle of Machine Learning models.
🌟LLMOps: Effectively manages and deploys Large Language Models. 🗣️

💡 Ops => Operations (running/managing things in/for the production) 💼

LLMOps faces some unique challenges compared to DevOps and MLOps:
🌟 Dealing with huge/internet scale data, mostly textual, that is costly to acquire and curate
🌟 Training huge neural networks that require long training cycles and enormous compute power, especially for foundation models, less so for fine-tuning
🌟 Managing prompts, retrieval-augmented generation (RAG), grounding, and other techniques to improve LLM performance and quality

💡 If you are working in the field of Generative AI, or are interested in learning more about LLMs, you need to be aware of LLMOps. 💯

For a solid intro, I recommend this free course from DeepLearning.AI on the operational side of large language models: 👉 https://lnkd.in/d5RTbppQ 👈 Free and open to all! 🌐

What other #LLMOps specific challenges have you encountered? Share your experiences in the comments! 👇

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