

Introduction to LLMops

what is LLMops?

- * LLMops involves best practise, techniques, and tools used for operationalizing LLMs in production environments.
- * LLMops enables practitioners to apply best practises when building, deploying and maintaining LLMs.

LLMops Benefits

- * Reduces time and cost to build and deploy LLMs by streamlining the process
- * Improves performance and reliability of LLMs through best practises.
- * Enables effectively managing, scaling and maintaining LLMs
- * Addresses catastrophic failure via monitoring and maintenance.

LLMops vs MLOps

- * MLOps is broad whereas LLMops focuses on LLM's
- * LLMops requires dealing with different

→ data requirements
→ experimentation

→ evaluation strategies
→ costs and latency.

LLMs considerations

- * Tuning base models which requires high-quality data and efficient techniques.
- * Evaluating & debugging LLMs efficiently which depends on the task and business objective.
- * One unique thing to Large Language model (LLM) is prompt Engineering. Improving results via prompt Engineering and efficient prompt management, tracking and optimization.
- * Building pipelines that requires complex chaining of LLM calls and operations
- * optimizing for cost and latency.
- * versioning and maintaining models to addresses safety, cost and quality
- * collecting human feedback to improve LLMs.

overview of LLMops - life cycle

