

Search Strings

Paper: Past the Demo: Modeling LLM Ops Maturity for Production Adoption (A Rapid Multivocal Review)

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1 Academic Databases

1.1 IEEE Xplore — 68 results

("Document Title":LLM Ops OR "Document Title":"Large Language Model Operations"
OR "Document Title":GenAI Ops) AND ("All Metadata":maturity OR "All
Metadata":readiness OR "All Metadata":capability OR "All Metadata":framework)

1.2 ACM Digital Library — 23 results

[[Title:"LLM Ops"] OR [Title:"Large Language Model Operations"] OR
[Title:"GenAI Ops"] OR [Title:"generative AI operations"]]] AND [[Abstract:maturity]
OR [Abstract:readiness] OR [Abstract:capability] OR [Abstract:framework] OR
[Abstract:production]]]

1.3 Scopus — 31 results

(TITLE("LLM Ops") OR TITLE("Large Language Model Operations") OR
TITLE("GenAI Ops") OR TITLE-ABS-KEY("generative AI operations")) AND
(TITLE-ABS-KEY(maturity) OR TITLE-ABS-KEY(readiness) OR TITLE-ABS-
KEY(capability) OR TITLE-ABS-KEY(framework)) AND (LIMIT-
TO(LANGUAGE, "English"))

1.4 Springer / SSRN — 10 results

("LLM Ops" OR "Large Language Model Operations" OR "GenAI Ops" OR "generative
AI operations") AND (maturity OR readiness OR capability OR framework OR
production) AND (discipline:"Computer Science" OR discipline:"Engineering")

1.5 Information (MDPI) — 8 results

(title:"LLM Ops" OR title:"Large Language Model" OR abstract:"LLM operations" OR
abstract:"generative AI operations") AND (abstract:maturity OR abstract:readiness OR
abstract:capability OR abstract:framework)

1.6 AIS eLibrary — 3 results

Manual search: titles and abstracts containing LLMOps, GenAI maturity, or generative AI maturity model within the AIS eLibrary catalog.

2 Grey Literature

2.1 arXiv — 86 results

ti:"LLMOps" OR ti:"GenAIOps" OR ti:"Large Language Model Operations" OR abs:"LLM operations" AND (abs:maturity OR abs:readiness OR abs:capability OR abs:framework OR abs:production) AND (cat:cs.AI OR cat:cs.LG OR cat:cs.SE OR cat:cs.CL)

2.2 Vendor / Industry blogs and documentation — 22 results

site:azure.microsoft.com OR site:ibm.com OR site:aws.amazon.com OR site:datastax.com OR site:zenml.io "LLMOps maturity" OR "GenAI maturity model" OR "LLM operations framework" OR "generative AI readiness"

Vendor/industry searches were complemented with direct navigation of documentation portals (AWS Prescriptive Guidance, IBM Architecture Center, Microsoft Azure Blog, AIM Research).

Table 1. Results Summary

| Source | Result |
|---------------------|------------|
| IEEE Xplore | 68 |
| ACM Digital Library | 23 |
| Scopus | 31 |
| Springer/SSRN | 10 |
| Information (MDPI) | 8 |
| AIS eLibrary | 3 |
| arXiv | 86 |
| Vendor / Industry | 22 |
| Total | 251 |