Silent Intrusion



Enterprise

\$33bn

Conversational AI market by 2029 (Pitchbook)

\$454m

Chatbot revenue by 2026 (Statista) \$80bn

Contact center labor cost reduction driven by Conversation AI by 2026 (Gartner)

10%

Automated agent interactions

By 2026

(Gartner)



Transformation



Product Design



B2B & B2C – Use Cases



"Architecture as Code" (AasC)



Stakeholder Framework



HR Future Framework



Data Engineer Prepare & Ingest data building ETL pipelines



Data Owners Manage data sharing



Create the best ML models



ML Engineer Collaborate with DS to



MLOps Engineer/Admin

Standardize CI/CD, user/service role, model consumption, testing and deployment methodology



Security Assess data, user, and service access creating policies and



Architects/ SysOps Engineer Standardize account infrastructure, connectivity, user roles implementation

Define business problem, business KPIs, and make business decisions

Business Stakeholder

Business Stakeholder Product Owners

Data & ML Consumers Consumers of ML results from other BUs, driving business decision making



Auditors/Risk & Compliance Review models, data sources.

code artifacts



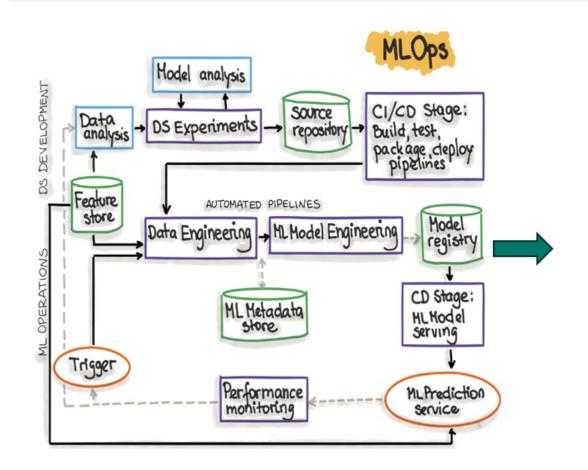
Amazon's multimodal-CoT model incorporates "chain-of-thought prompting," in which the model explains prompting of the several benchmarks.

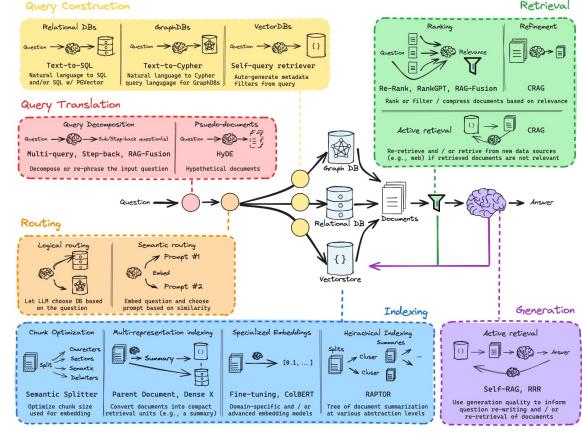
Anthropic introduces Claude, an Al assistant trained using a method called "constitutional Al," which aims to reduct the likelihood of harmful outputs.

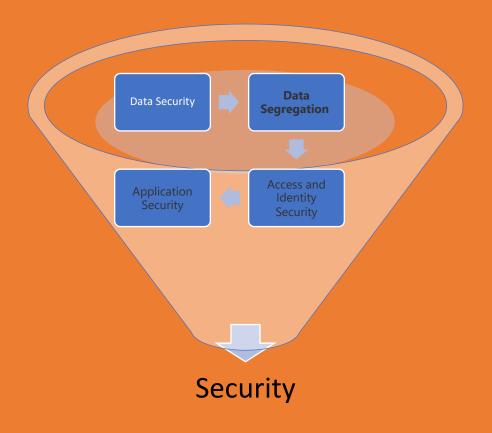
Microsoft ennounces the integration of GPT-4 into its Office 305 suite, potentially enabling broad productivity increases.

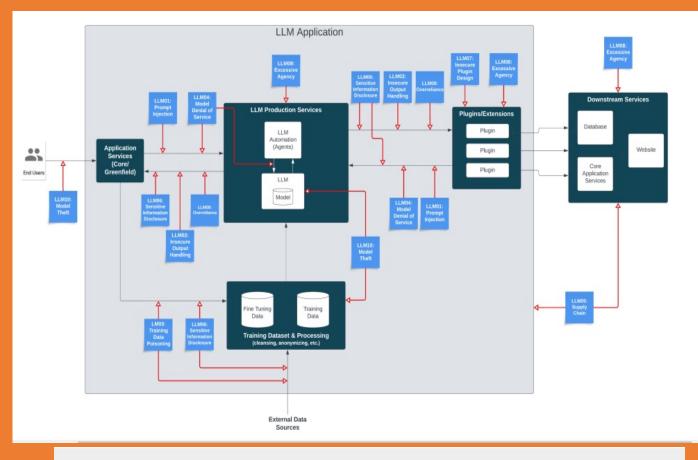
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Are We Ready









OWASP Top 10 for LLM Applications

Balance



Open Source Vs Custom Inhouse



Finance – Token and HR



Use Cases Identification



Do We need LLM



Evolving Architecture

Hosting an LLM on your cloud

The default instance recommended by AWS is ml. p4de. 24xlarge, with a listed price of almost 33 USD per hour (on-demand). This means that such a deployment would cost at least 23,000 USD per month, assuming it doesn't scale up or down and that no discounts are applied. 28 Feb 2024



Understanding the cost of Large Language Models (LLMs)

CEO says he tried to hire an Al researcher from Meta and was told to 'come back to me when you have 10,000 H100 GPUs' It's only getting harder to hire workers with Al skills. A startup CEO said he couldn't poach a Meta employee because his company didn't have enough GPUs. 11 Mar 2024

