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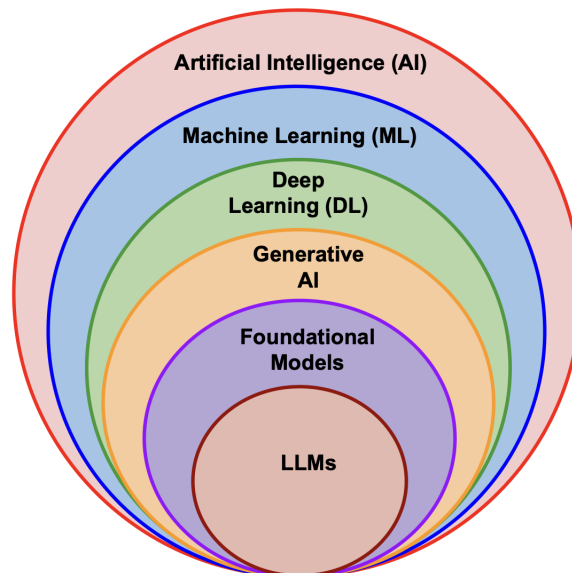
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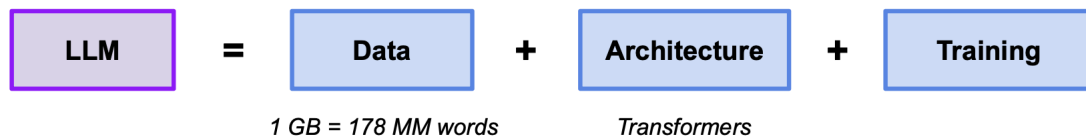
Generative AI

Generative AI: Generative artificial intelligence (generative AI, GenAI or GAI) is artificial intelligence capable of generating text, images, videos, or other data using generative models, often in response to prompts. Generative AI models learn the patterns and structure of their input training data and then generate new data that has similar characteristics.

Foundational Models: The Stanford Institute for Human-Centered Artificial Intelligence's (HAI) Center for Research on Foundation Models (CRFM) coined the term "foundation model" in August 2021 to mean "any model that is trained on broad data (generally using self-supervision at scale) that can be adapted (e.g., fine-tuned) to a wide range of downstream tasks".

LLM: A large language model (LLM) is a type of artificial intelligence (AI) program that can recognize and generate text, among other tasks. LLMs are trained on huge sets of data hence the name "large." LLMs are built on machine learning: specifically, a type of neural network called a transformer model.





Examples of Foundational Models:

LLMs: GPT.

Vision: Dall-e.

Code: Copilot.
