Introduction to LLMs

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Instructor

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Building a startup (stealth mode)
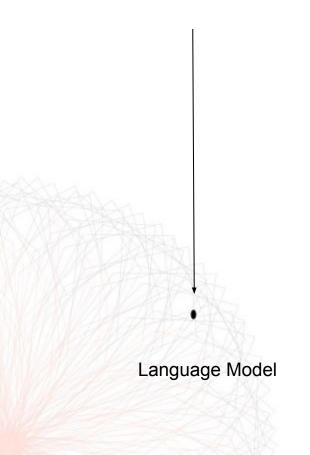Ex - Head of AI and R&D, funtoot

What is a Large Language Model?

Large Language Model is a huge deep learning model trained on a huge datasets ranging in GBs.
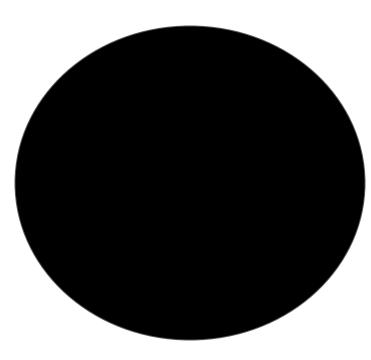
Its core objective is to learn and understand the human languages precisely.

LLM understands the patterns and relationships between the words in the language just like the way humans do.

Difference between LM and LLM
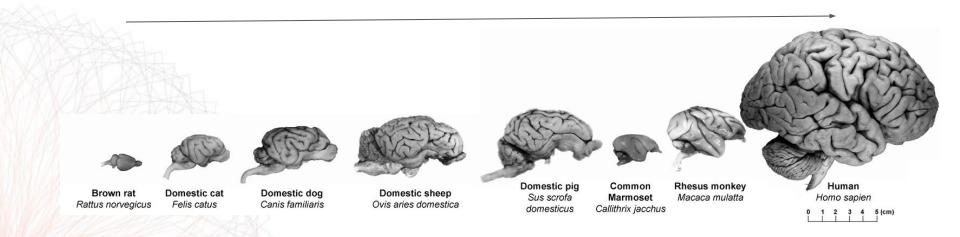
Language Model

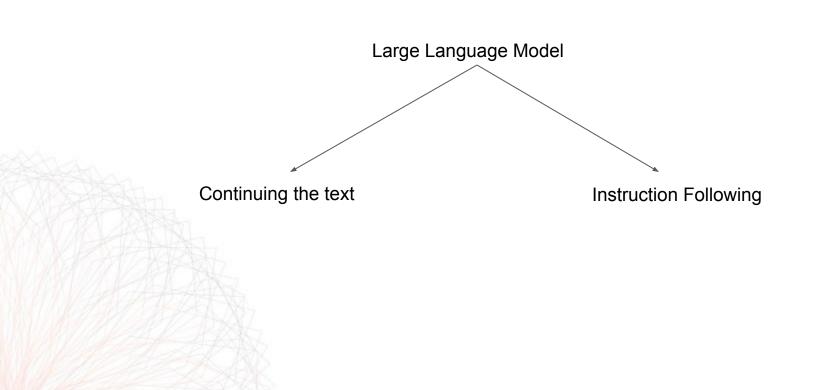Large Language Model

Why Large Language Model?

LLMs are very powerful and develops emerging properties as the size of the model increases.

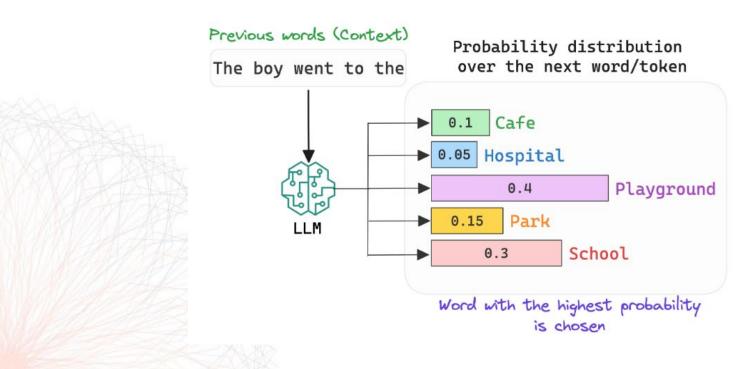Phi 1.5   Mistral 7B   Falcon 40B   Llama 2   GPT-3.5   GPT-4

Brown rat	Domestic cat	Domestic dog	Domestic sheep	Domestic pig	Common Marmoset	Rhesus monkey	Human
Rattus norvegicus	*Felis catus*	*Canis familiaris*	*Ovis aries domestica*	*Sus scrofa domesticus*	*Callithrix jacchus*	*Macaca mulatta*	*Homo sapien*

0 1 2 3 4 5 (cm)

Different types of LLMs

Large Language Model

Continuing the text

Instruction Following

Good at continuing the text

Good at responding back to the user inputs/query.

The Current State of the Art