AI - LLM - GPT and Limitations

Monday, April 15, 2024   2:38 PM

What is LLM

LLM Stands for Large Language Model, It's set of algorithms designed in way that it can both understand and generate text based on text given to it.
These LLM has wide range of applications for example
Natural Language Processing
Text Generation
Image Generation
Image Discrimination

What is GPT 3

GPT 3 Stands for Generative Pre Trained Transformer 3. It's an ecosystem of language models with 170 Billion parameter models.
It can be configured in a way that you can train the models using Tokens (By default Limited amount of Tokens are freely available) with zero short learning or few short learning. Another thing you must pay attention is to the stop sequence.

What is the Limitation of AI

AI is nothing but an Algorithm running against set of trained data, You provide a data set and let computer run a program against it to provide an answer from that limited data set.

This type of AI is called generative AI as it is generated from small set of dataset and in order to train it needs a time and most of time data provided is very limited. And can not provide all the answers that are out of scope of the fed data set.
For example: Chat GPT3 has some factual knowledge only till 2022.
Chat GPT 4 is latest most with more parameters.