

Yale

Empowering Biomedical Research with Large Language Models and AI Agents

We envision 'AI scientists' as collaborative agents capable of reasoning and coding that empower biomedical research. I will first demonstrate MedAgents, the first multi-agent framework in the medical field. MedAgents examines how large language models (LLMs) can be used as collaborative experts to enhance medical reasoning through multi-round discussions. Then, I will briefly present our works on benchmarking existing LLMs on bioinformatics code generation and agents on repository-level data science tasks. Finally, while LLMs' capabilities are promising, I will highlight vulnerabilities and potential risks associated with their misuse and emphasize the need for safety measures.

NLP/LLM Interest Group



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Wednesday July 24, 2024 | 4:30 - 5:30 PM
100 College St, Floor 11, Workshop 1167
ZOOM: <https://yale.zoom.us/j/3555437215>
Snacks will be provided!