

Introduction to ReAct Agents

Instructor

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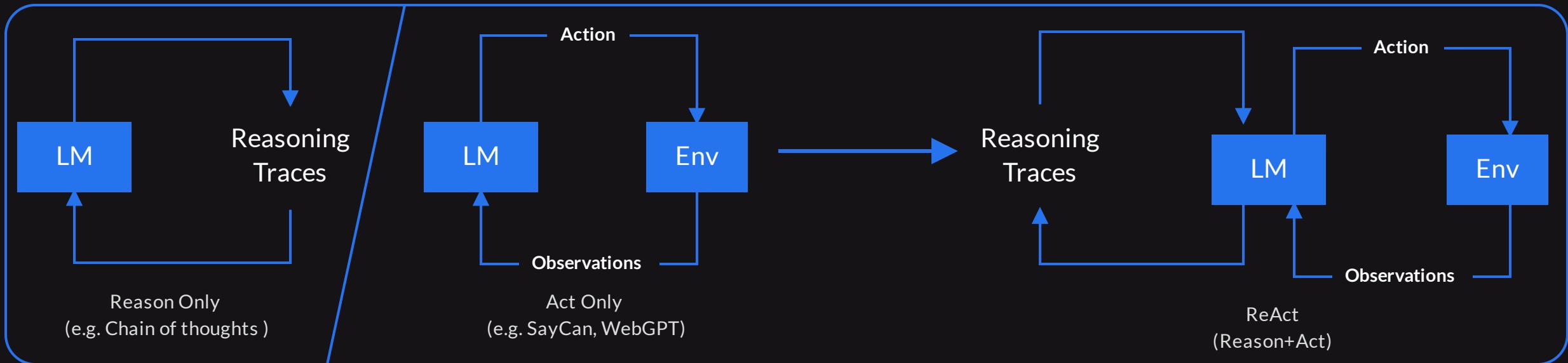
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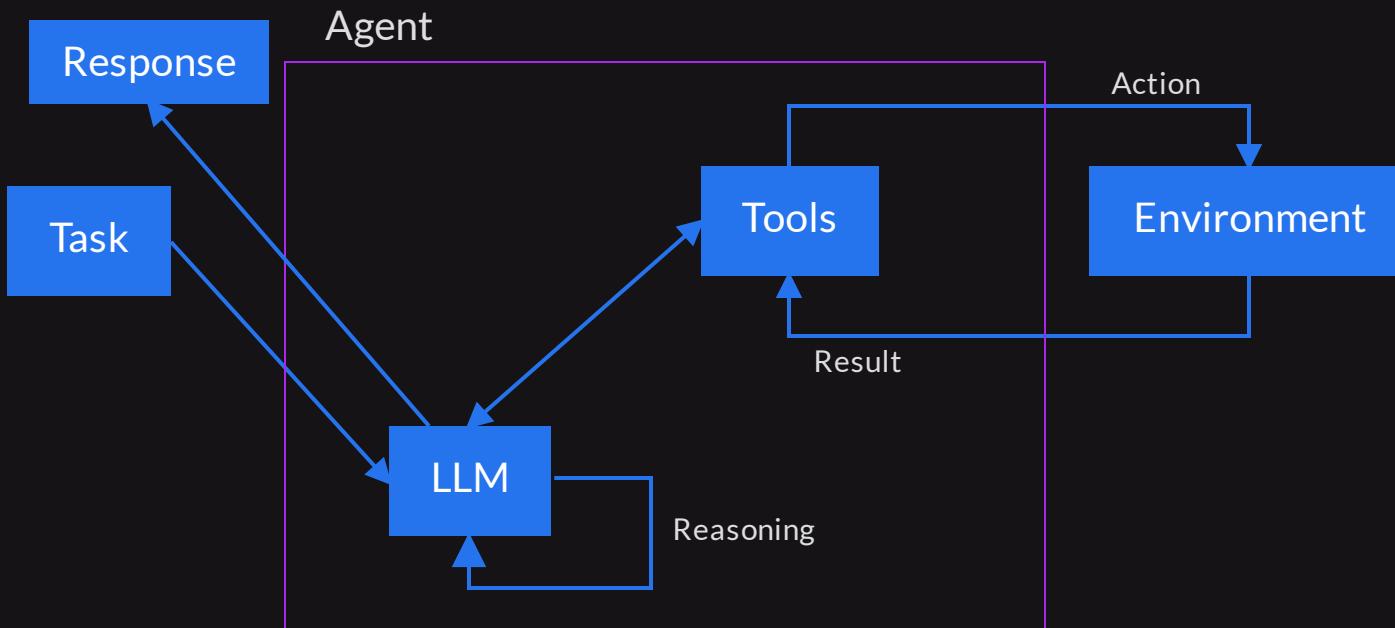
What is ReAct?



- Prompting patterns like Chain-of-thought enables LLMs to reason better
- Tools and techniques like SayCan, and WebGPT enable LLMs to take better actions
- ReAct aims to combine both of these elements to empower LLMs to reason and take action

— First mentioned in the famous paper, 'ReAct: Synergizing Reasoning and Acting in Language Models' in March, 2023 —

ReAct AI Agents Workflow



- This agentic workflow consists of a large language model (LLM) and tools
- The ReAct methodology is used to run the agent:
 - If the agent says to take an action (i.e. call tool), relevant tools are run and results are returned to the agent
 - If the agent did not ask to run tools, the response output is sent back to the user

Thank You
