

# Other Popular Advanced Prompt Engineering Patterns

## Instructor

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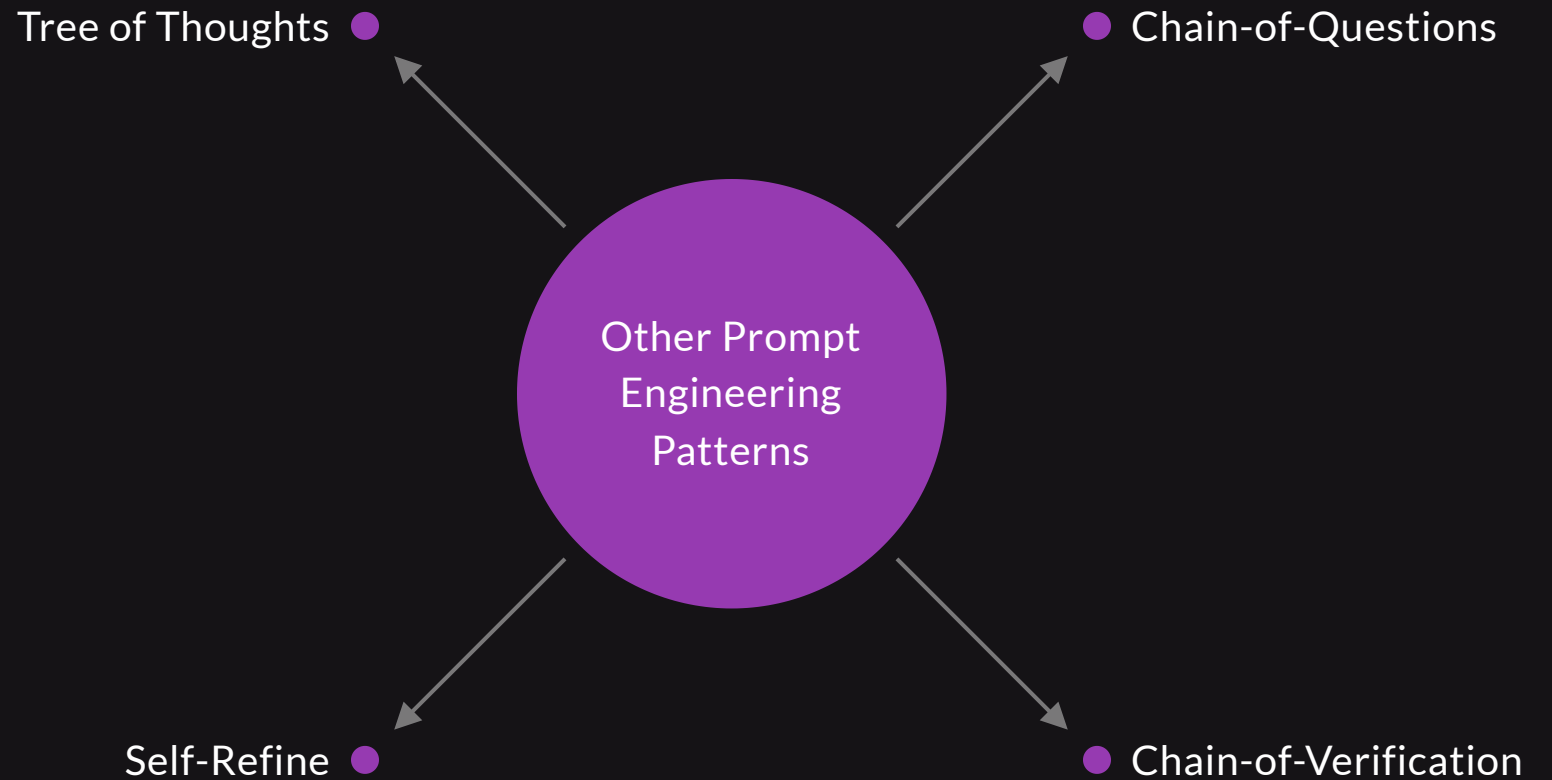
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# Tree of Thoughts (ToT)

- This method breaks down the problem-solving process into smaller parts called 'thought steps'.
- This generalizes over chain-of-thought prompting by creating multiple branching paths at each step and evaluating, looking ahead or backtracking as needed to get to the solution

# Chain-of-Questions

- This method is an advanced technique enabling one to tackle tough questions by splitting them into smaller, more manageable ones, answering them step by step to get to the answer

# Self-Refine

- This is an iterative process where an LLM autonomously generates, assesses, and refines its answer.
- Forms the base of Reflection Agentic AI Systems

# Chain-of-Verification

- This enables LLMs to self-check and refine their responses through a series of validation questions.
- After an initial response is generated, validation questions related to the answer are generated, and verified and the answer is improved.
- Often used in LLM-as-a-Judge evals.

# Thank You

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