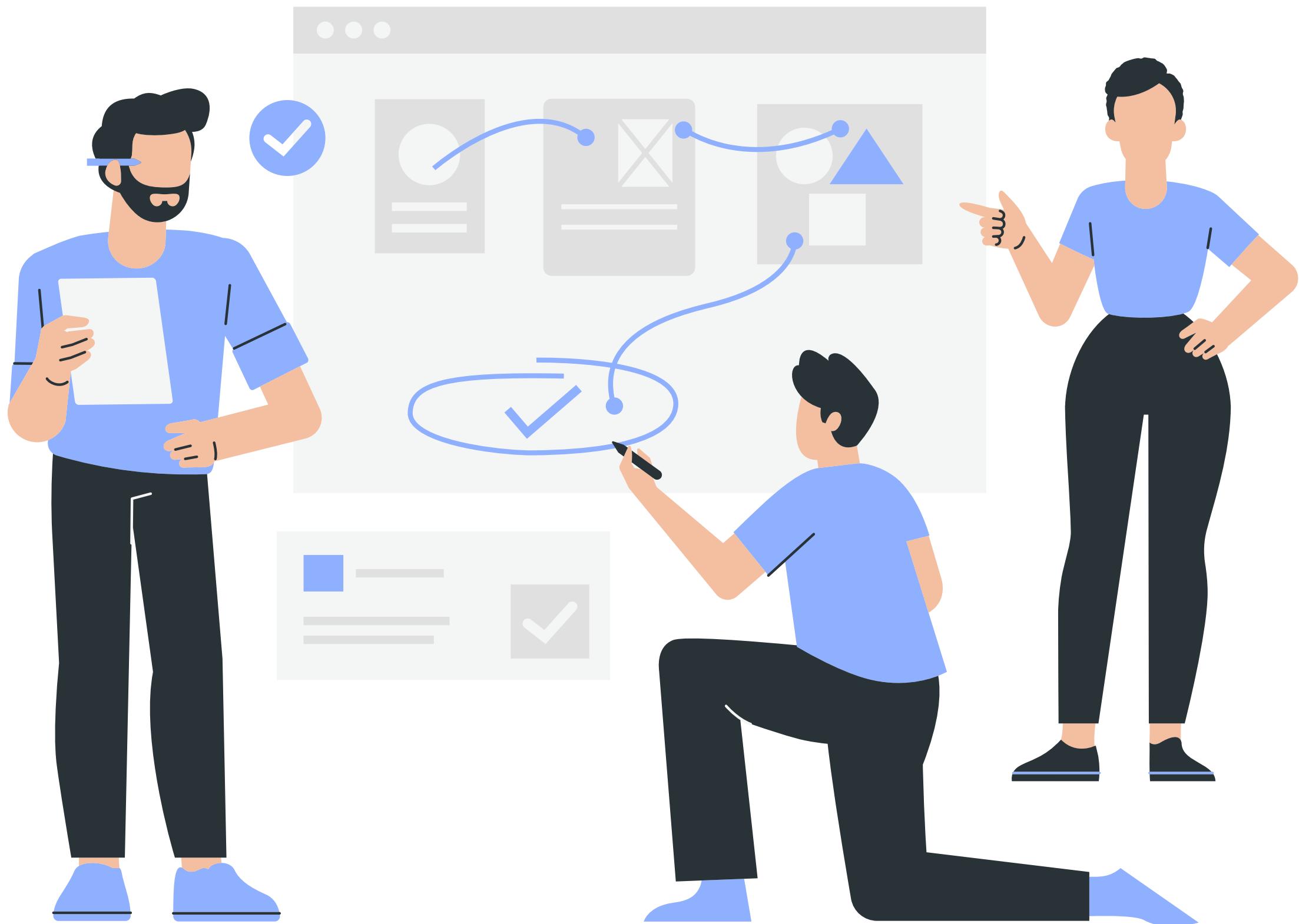


What Is Context Engineering?



The art and science of giving AI the right information at the right time so it can make accurate and intelligent decisions.



Shreekanth Mandvikar



Why It Matters?



In real-world AI systems, especially autonomous agents, context builds up fast – every tool call, document, or user message adds more data. Without structure, the model becomes slow, inconsistent, and costly.



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4 Core Strategies

(Intro Card)

1.

Write Context

Create scratchpads or memories to store short-term and long-term info.

2.

Select Context

Feed only the most relevant info back into the model.

3.

Compress Context

Fit large information into a limited context window.

4.

Isolate Context

Separate contexts for multiple agents or tasks.



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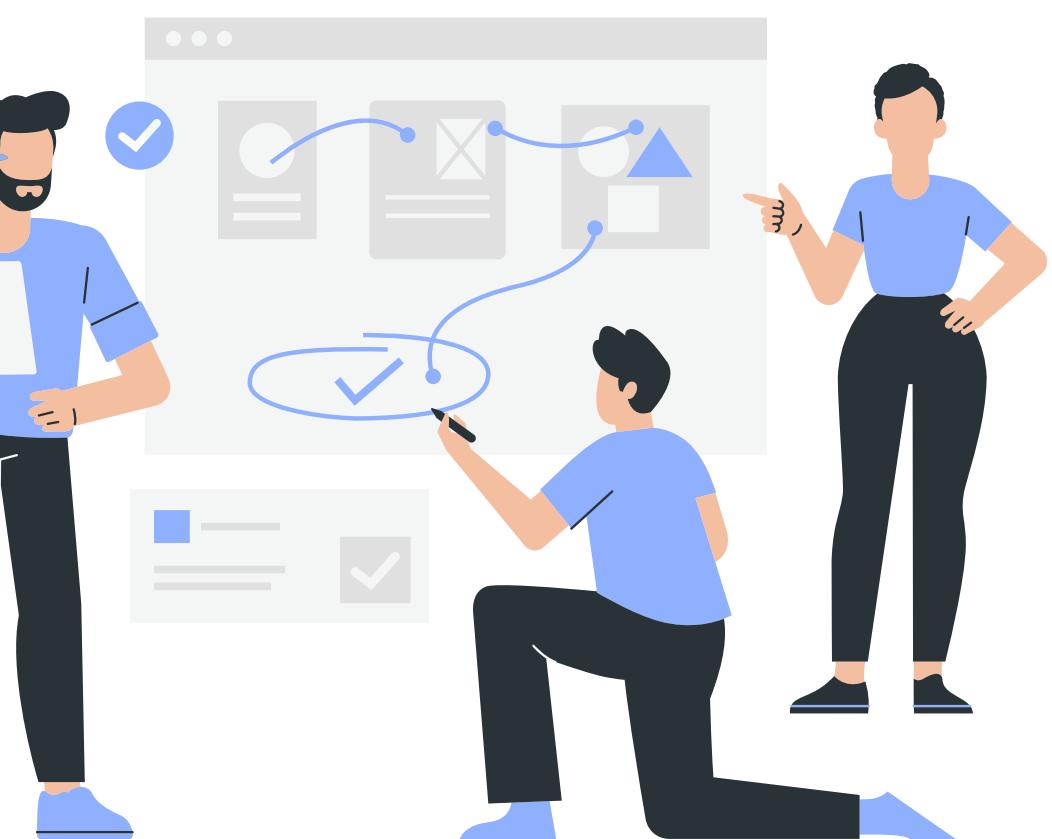


Prompt **VS** Context Engineering



Prompt Engineering

Focuses on crafting clear instructions so the AI knows what to do.



Context Engineering

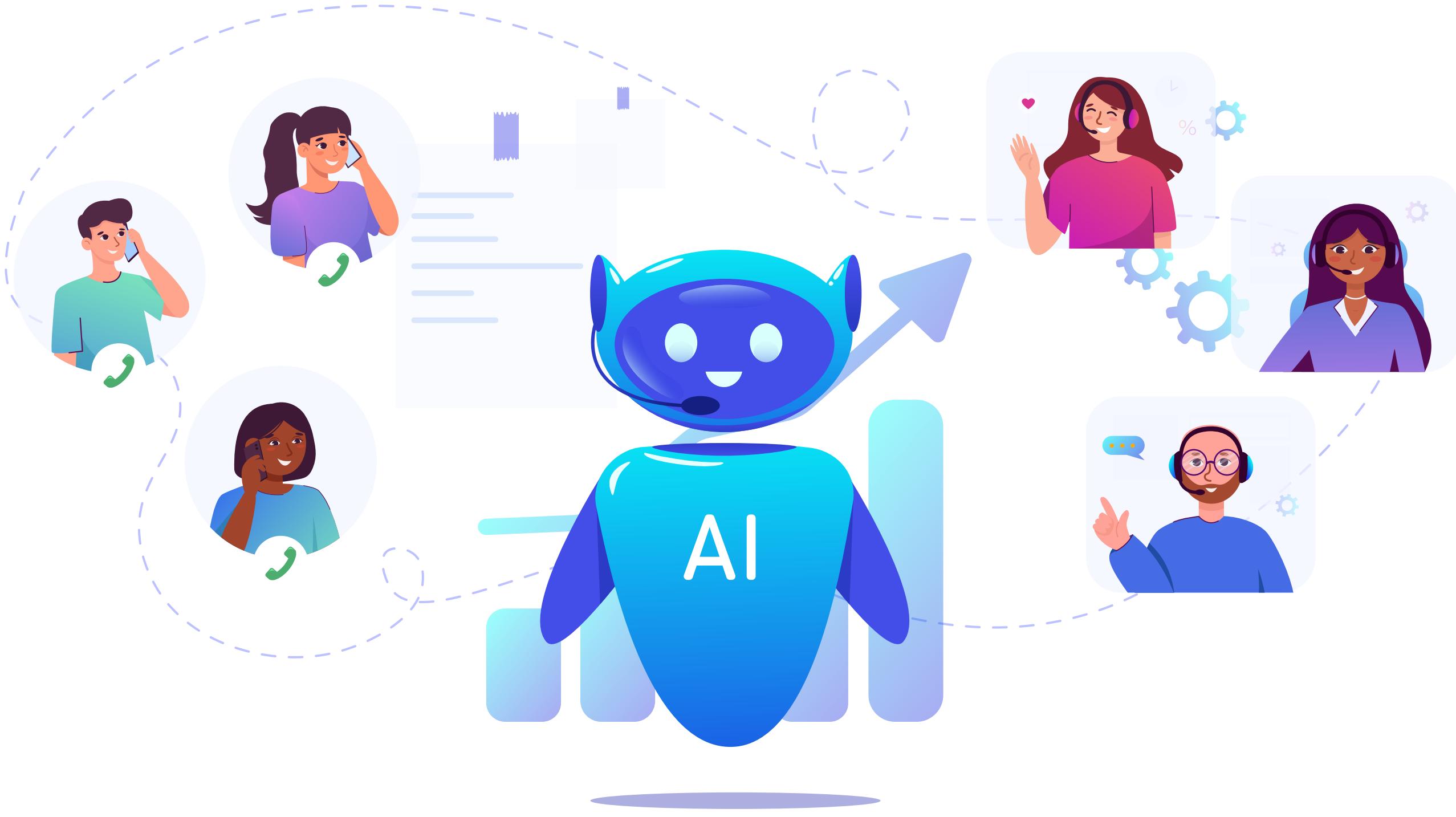
Ensures the AI has the right data, memory, and structure to reason effectively.



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Real-World Example



Imagine an AI Assistant managing your emails. Without context engineering, it forgets past conversations. With it, it remembers threads, tone, and key decisions – acting like a true digital teammate.



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Why It's the Next Big Skill



Context Engineering bridges data + reasoning + memory. As AI agents evolve, this skill will define how smart, fast, and useful they become in real workflows.



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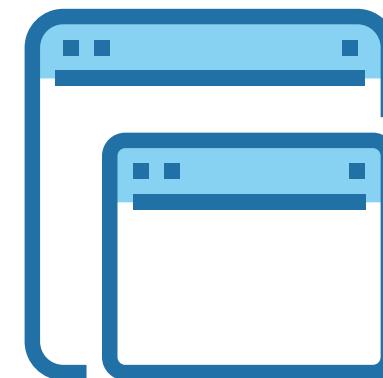


Tools and Techniques

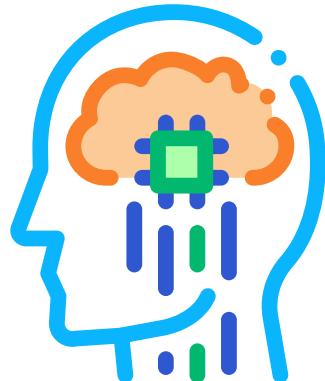
Examples include:



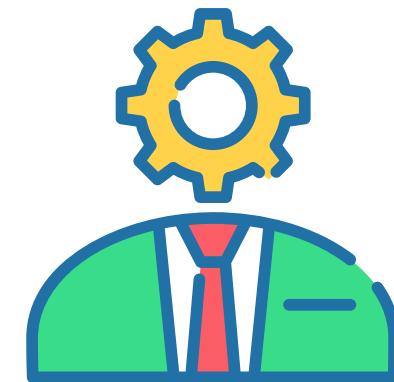
Vector Databases
(for memory)



Context Windows
Optimization



Retrieval-Augmented
Generation (RAG)



State Management
for Agents

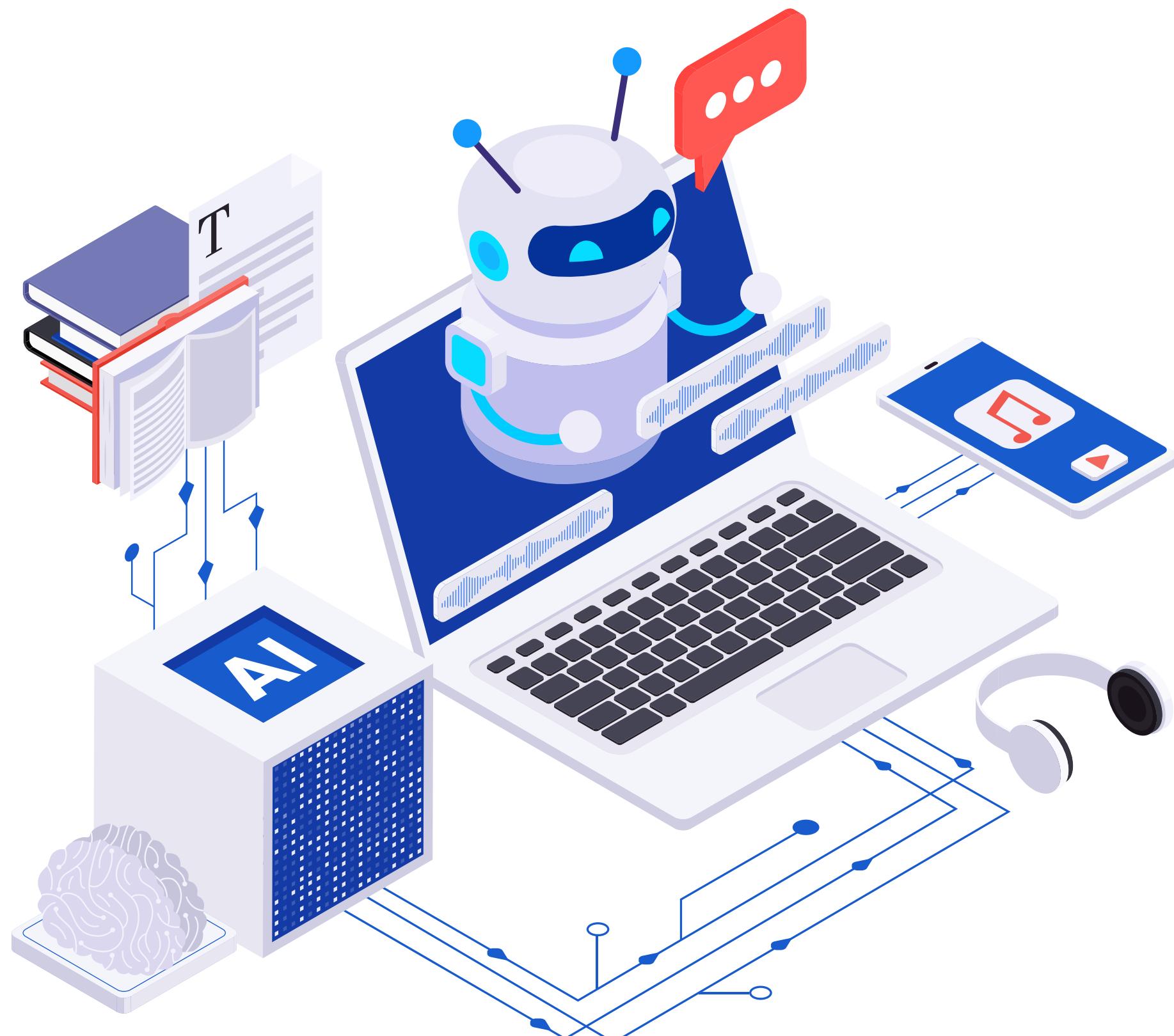


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Final Hook / CTA

Context Engineering isn't just a technical skill - it's how we teach AI to think like humans.



Save this post to stay ahead in the AI future.



Shreekant Mandvikar