



Planning & Reasoning

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Founder, RunAgent

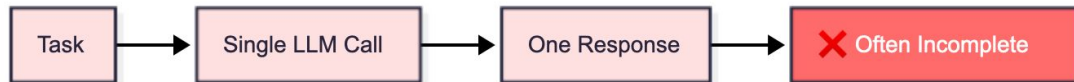
Co-founder & VP of ML, Intelsense AI

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The Problem

Why do agents need planning?

✗ Direct LLM call

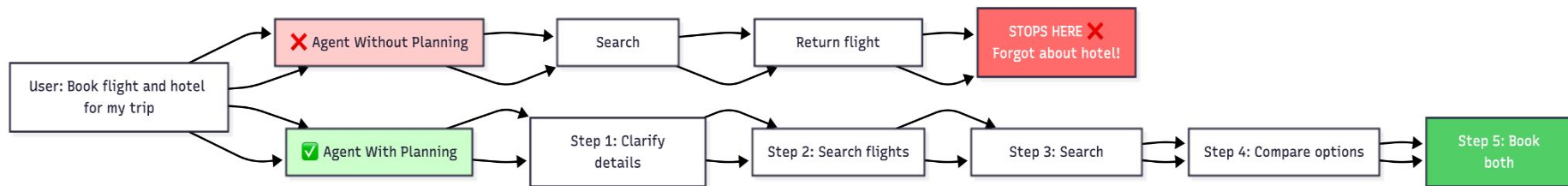


✓ Planning Agent

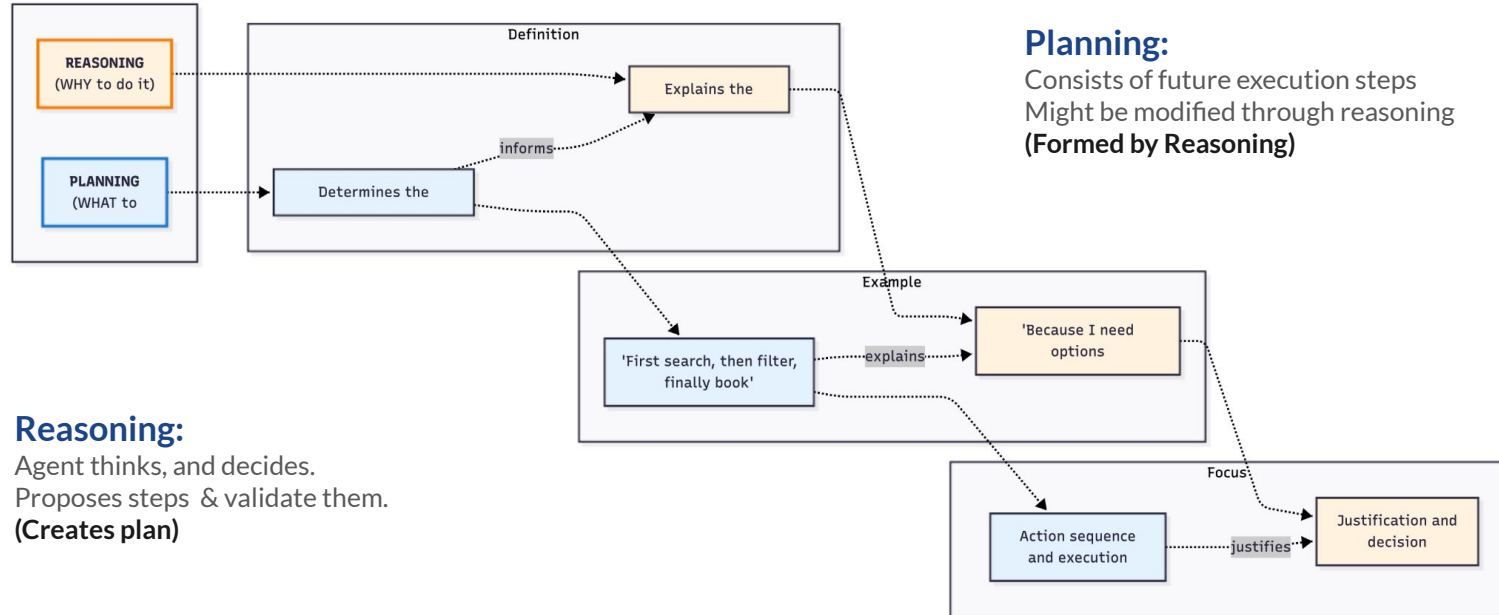


Real Example

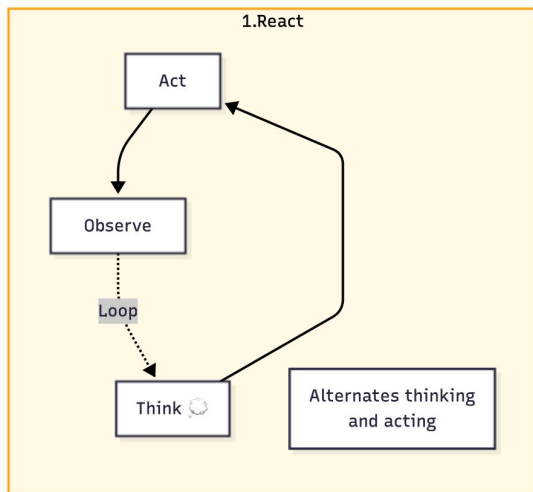
Task: "Book a flight and hotel for my trip"



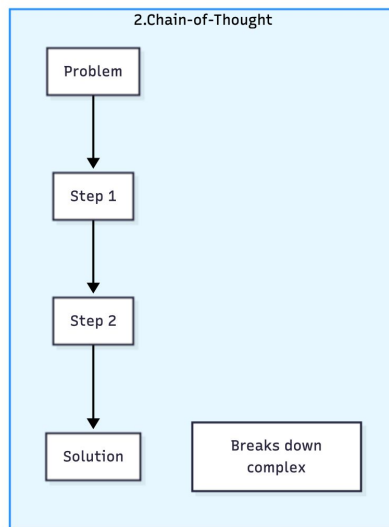
Planning vs Reasoning



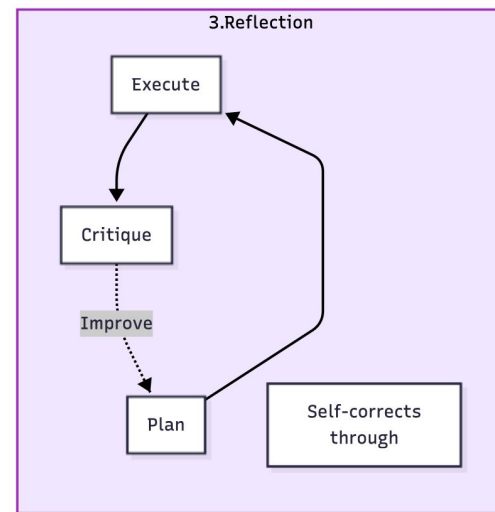
Key Planning Patterns



ReAct Agent



Chain-of-Thought Agent



Reflection Agent



Re-Act -> Reasoning + Action

CoT: Thought 1 -> Thought 2 -> Thought 3 ->

Reflection->

Google Colab



Today's Agenda

→ Live Code - Build a ReAct Agent

Other Strategies: Next Classes