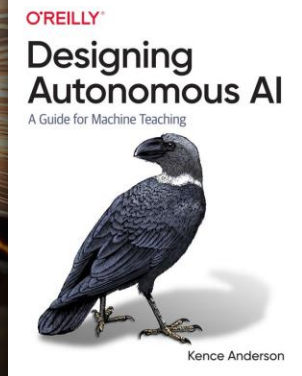


# Building Intelligent Autonomous Agents

August 24, 2023

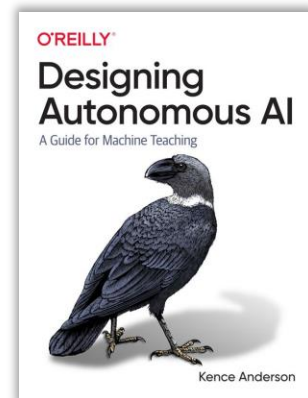


**Kence Anderson**  
Founder & CEO, Composabl



# The time for intelligent autonomous agents is now.

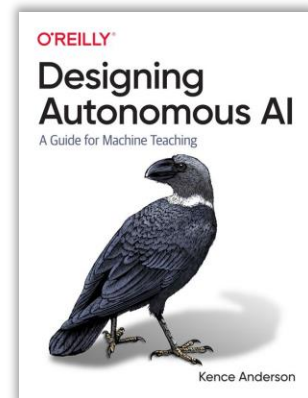
- AutoGPT is the fastest growing open-source project in the history of GitHub (137k GitHub Stars).
- 85 ChatGPT Plugins were launched in the first month.
- The global industrial automation and control systems market size was valued at USD 172.26 billion in 2022.



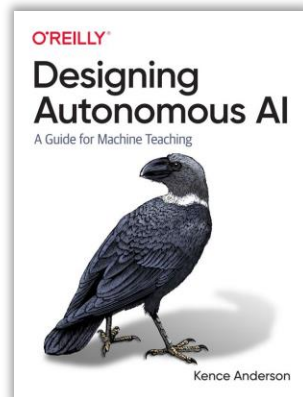


# Use cases for intelligent autonomous agents

- Industrial Process Control
- Robotics
- Financial Asset Allocation
- Autonomous Vehicle Control
- Market & Commodity Trading
- Drones
- Supply Chain Network Optimization
- Factory Machine Control
- Cyber Security
- Back Office Automation
- Formulation Discovery
- Warehouse Optimization



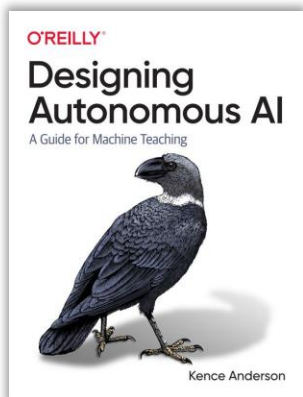
# Structure of intelligent autonomous agents



# Structure of intelligent autonomous agents

## Sense

Determine what is happening.



# Structure of intelligent autonomous agents

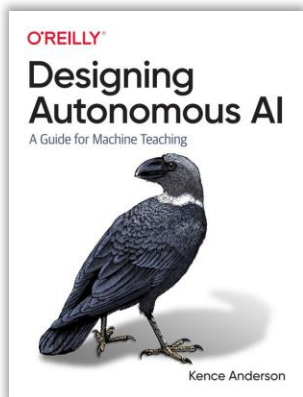
## Sense

Determine what is happening.

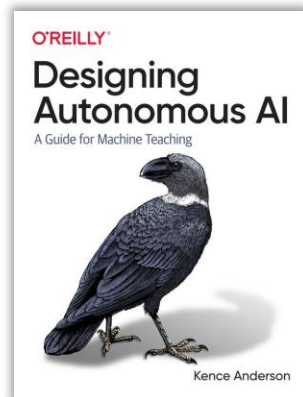
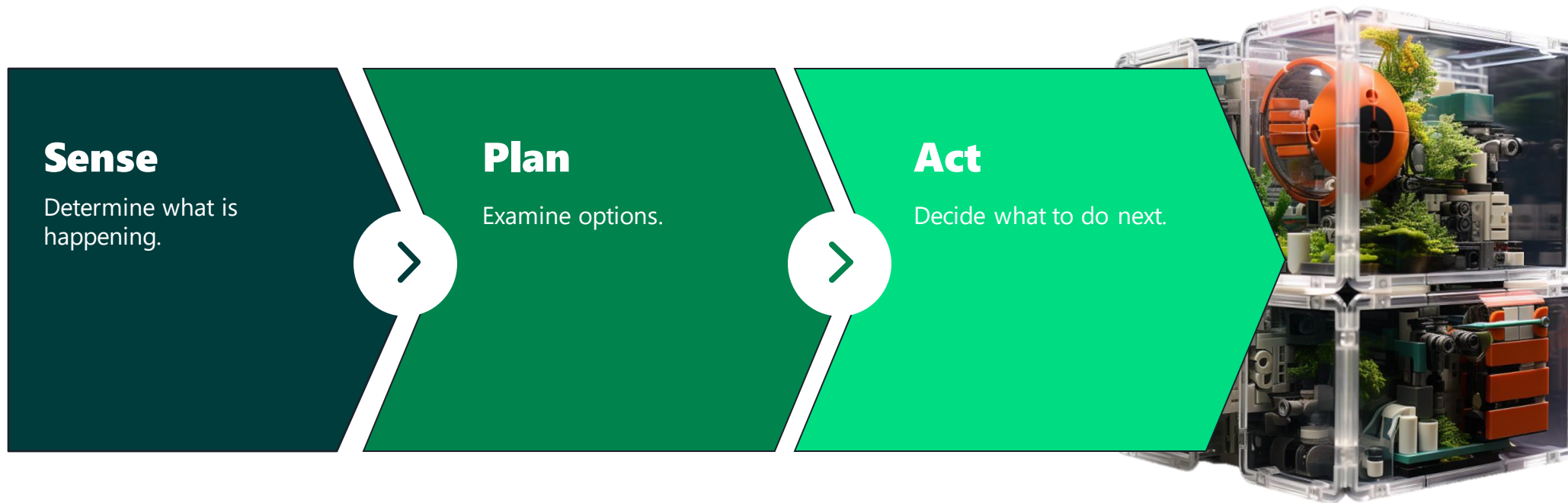


## Plan

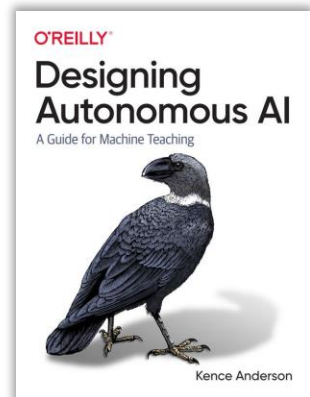
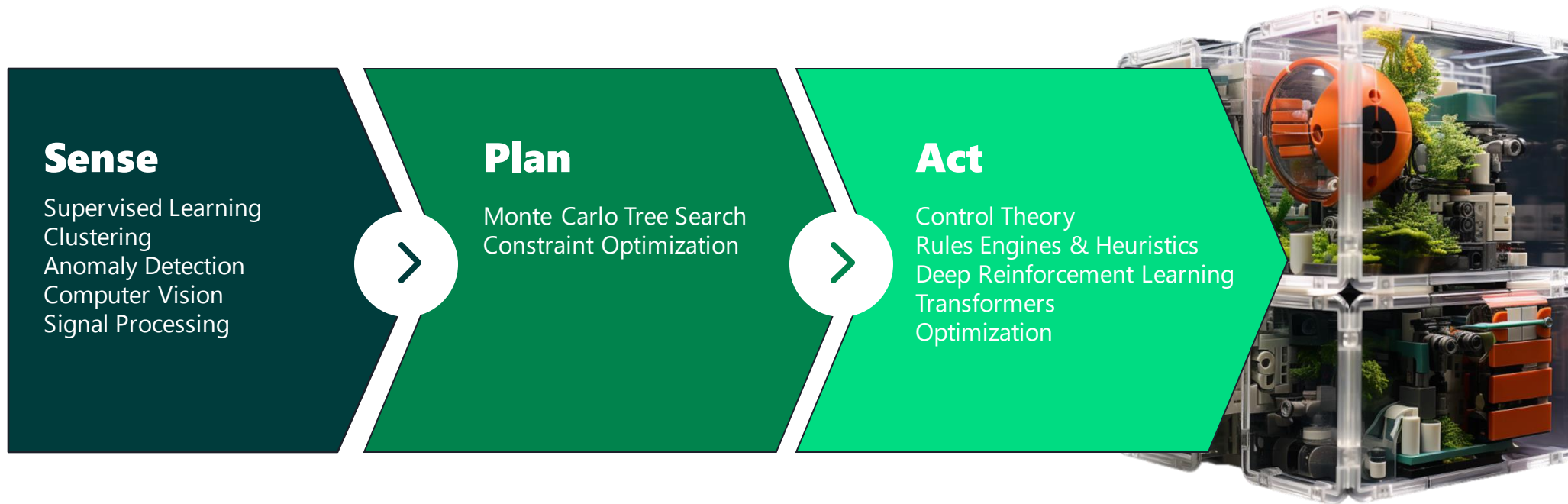
Examine options.



# Structure of intelligent autonomous agents

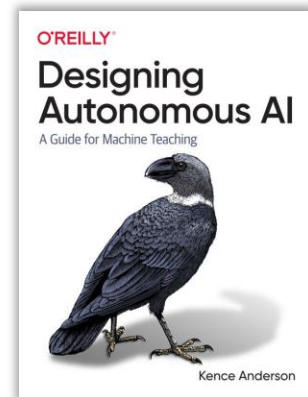
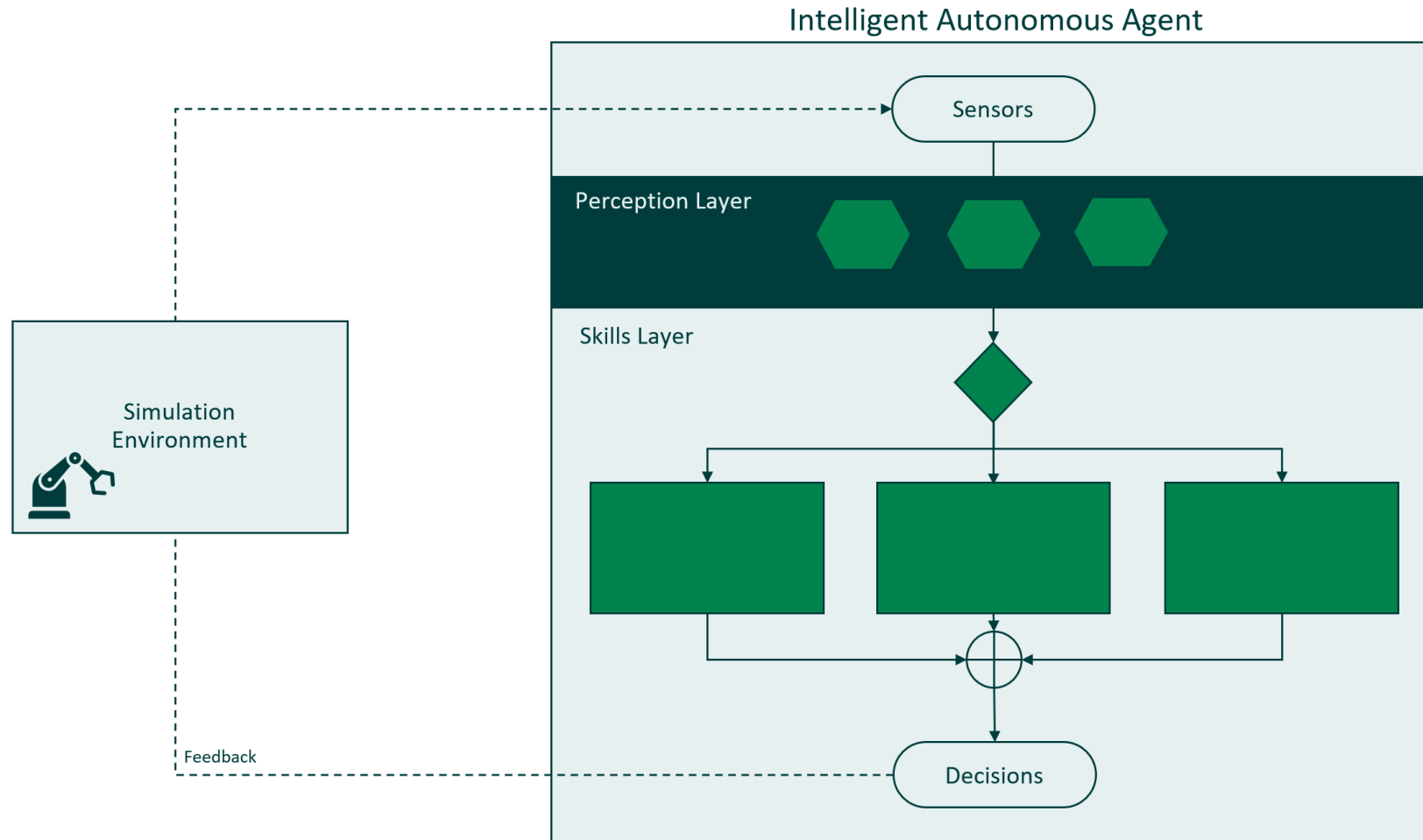


# Structure of intelligent autonomous agents

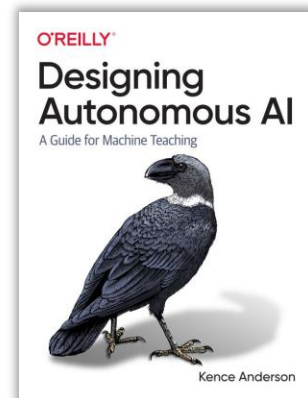
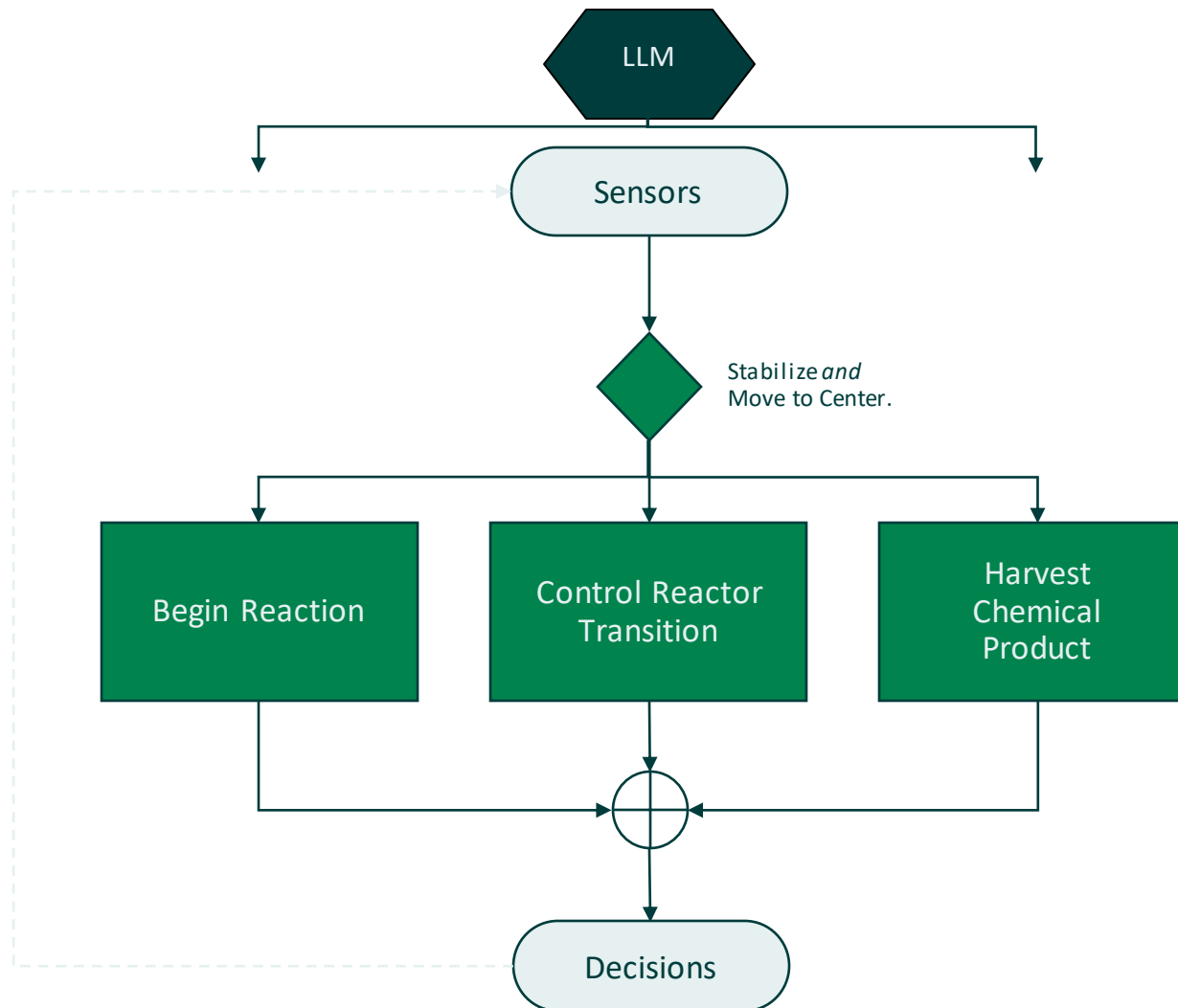




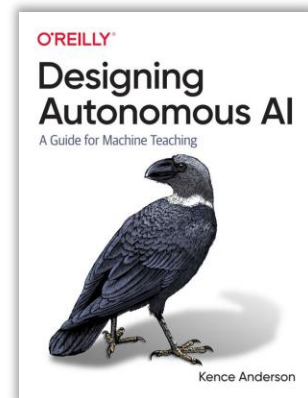
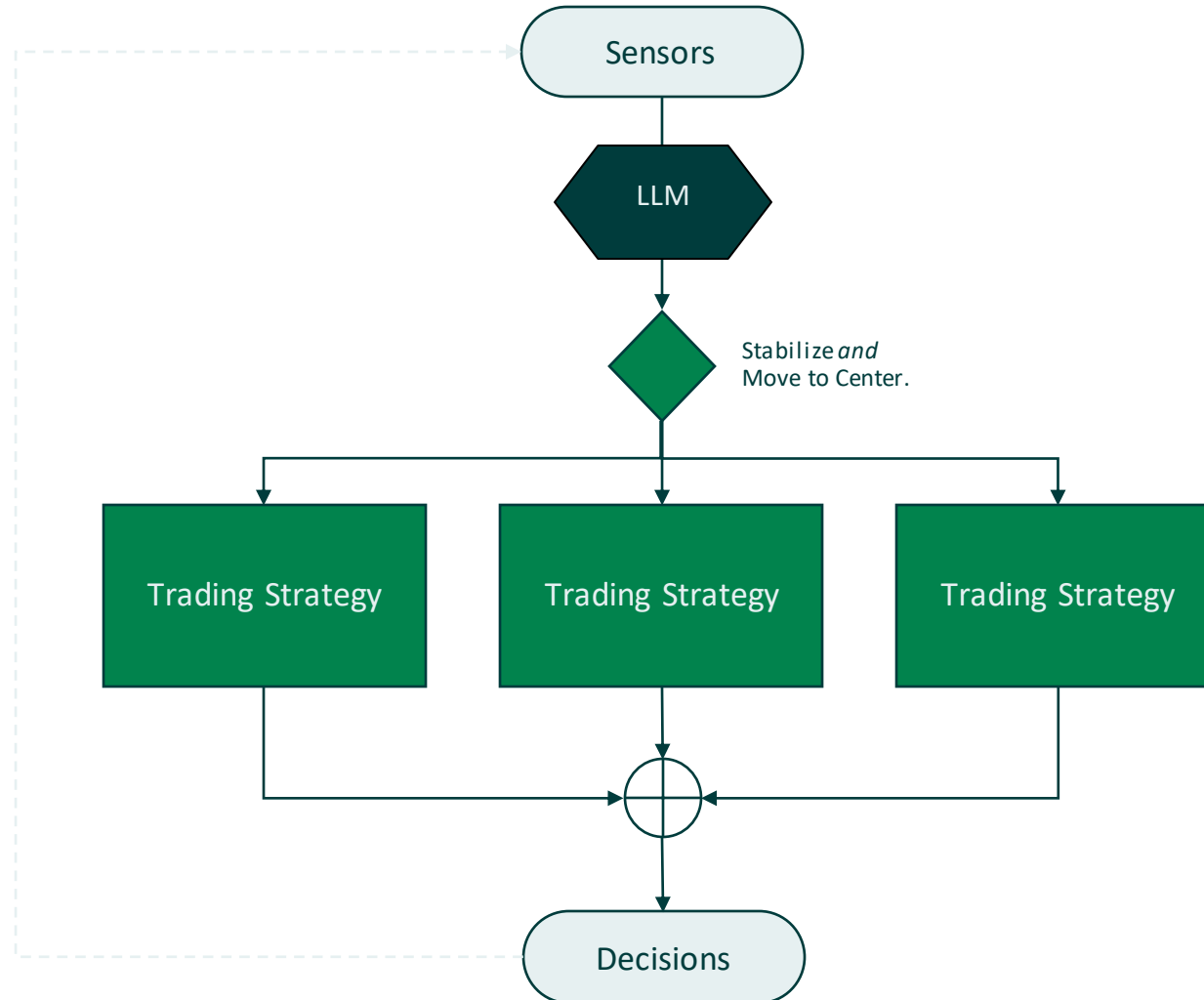
# The structure of intelligent autonomous agents



# Design Patterns for intelligent autonomous agents: Copilot Pattern



# Design Patterns for intelligent autonomous agents: Research Pattern



# Thank You Q&A

August 24, 2023



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