



# Agentic AI in Enterprise

## Balaji Parimelazhagan



**Balaji Parimelazhagan**

Seasoned Engineer @ Ideas2it | Building  
roobai.fyi - A personal finance manager



# Are Agentic AI systems failing?



"Most agentic AI propositions lack significant value or return on investment (ROI), as current models don't have the maturity and agency to autonomously achieve complex business goals or follow nuanced instructions over time," said Verma. "Many use cases positioned as agentic today don't require agentic implementations."



A screenshot of the Gartner Newsroom website. The header includes the Gartner logo and navigation links: Who We Serve, Our Solutions, Conferences, Webinars, AI Hub, and New To Role. Below the header is a dark blue navigation bar with links: Newsroom, Topics, Media Contacts, Media Resources, Insights, and Archive. The main content area shows a press release with the title "Gartner Predicts Over 40% of Agentic AI Projects Will Be Canceled by End of 2027" and the date "SYDNEY, Australia, June 25, 2025".

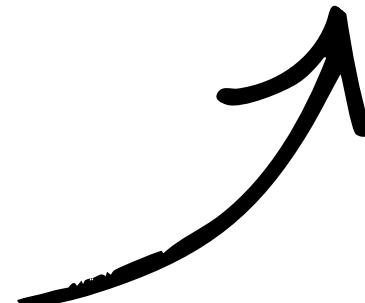
**Gartner** Who We Serve Our Solutions Conferences Webinars AI Hub New To Role

Newsroom Topics Media Contacts Media Resources Insights Archive

Newsroom / Information Technology / Press Release

**Gartner Predicts Over 40% of Agentic AI Projects Will Be Canceled by End of 2027**

SYDNEY, Australia, June 25, 2025



# What would be the reason?

**The obvious question: Why are they failing?**

Is it model maturity?

**No. The failures come from:**

No clear ROI

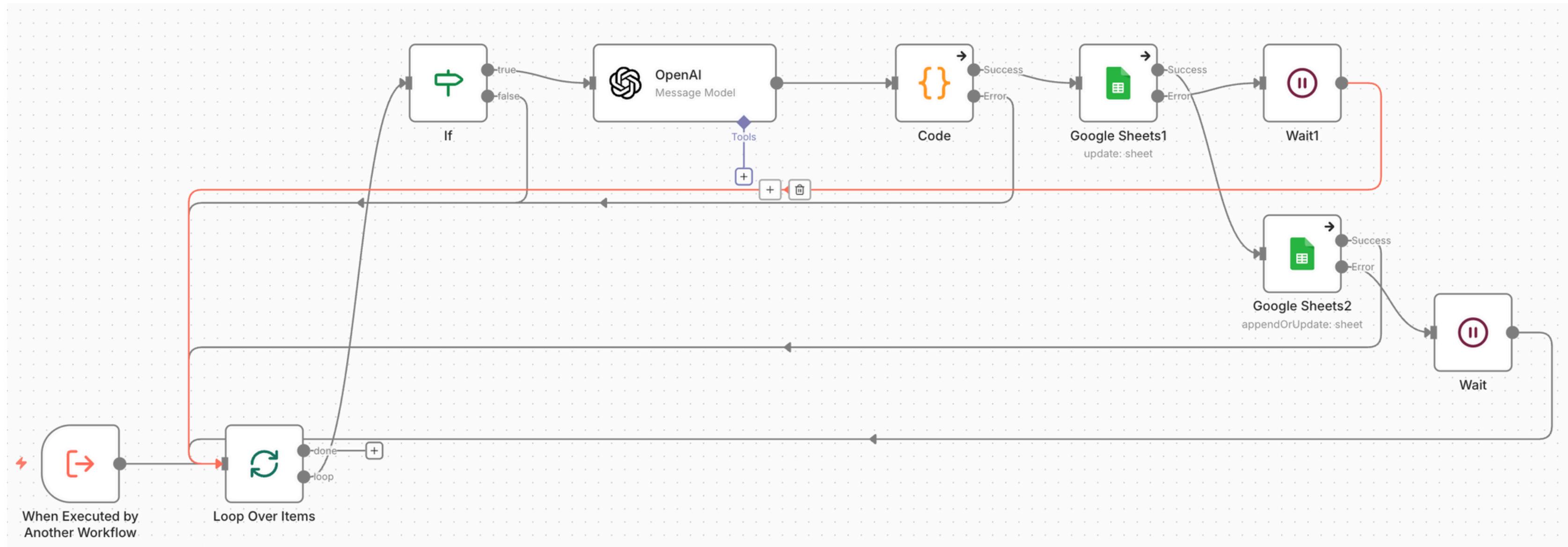
Rising costs

Weak governance

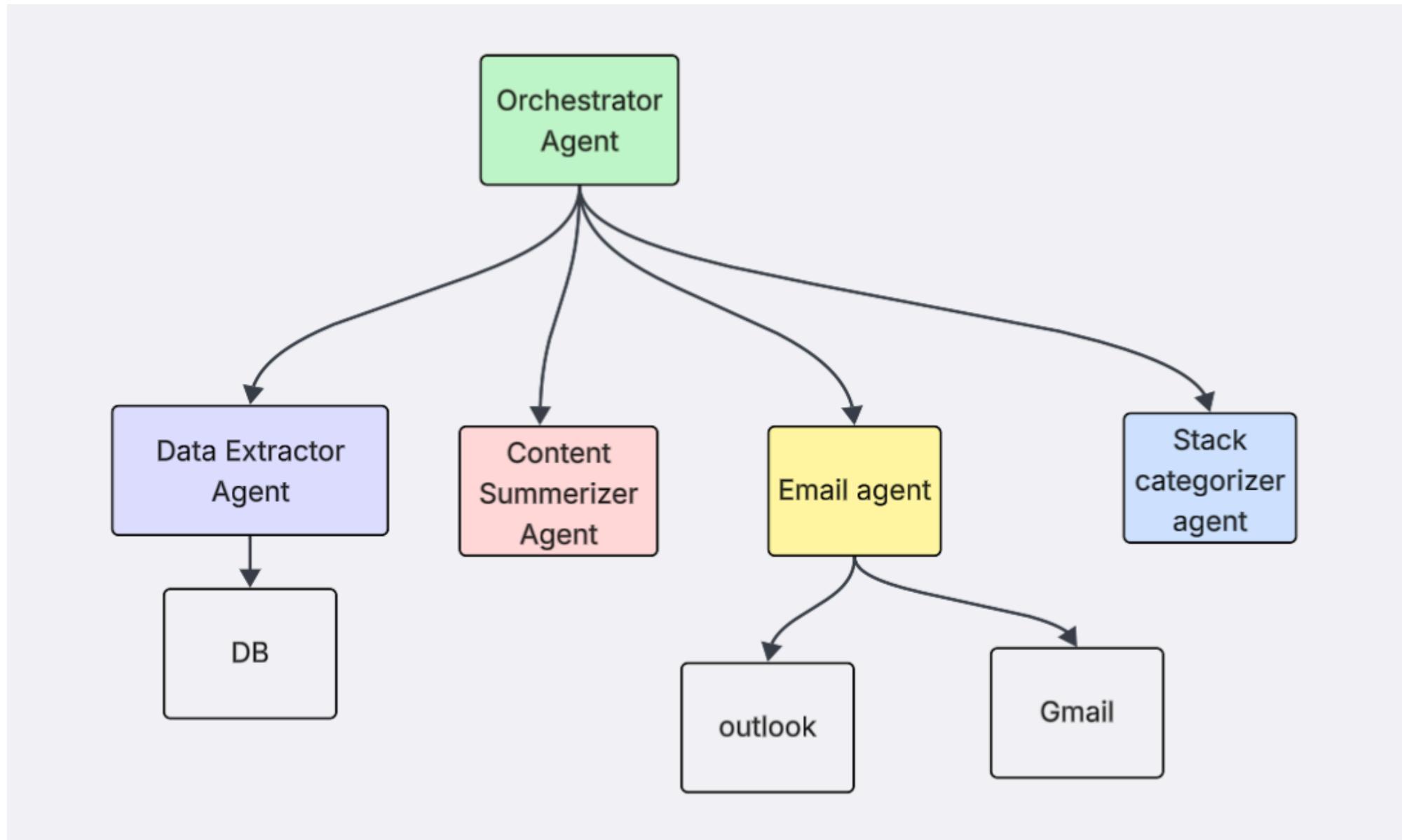
Hype-led decisions

...

# Why Agentic AI systems are difficult to predict?



Sample LLM workflow



## Sample Agentic workflow

# **Governance is the key!**



## **Control & Safety**

- Centralized control
- Action safety
- Compliance enforcement

## **Risk & Cost Management**

- Uncertainty feedback loops
- Runaway cost prevention
- Spend predictability

## **Business Visibility**

- Cost attribution
- ROI transparency

# Governance is the key!



## Control & Safety

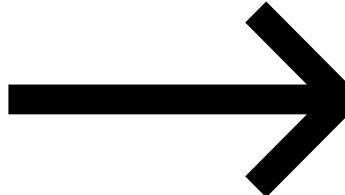
- Centralized control
- Action safety
- Compliance enforcement

## Risk & Cost Management

- Uncertainty feedback loops
- Runaway cost prevention
- Spend predictability

## Business Visibility

- Cost attribution
- ROI transparency



## Control & Safety

- Central AI gateway
- Strict action limits
- Human escalation
- Safe shutdown

## Autonomy Management

- Outcome-driven agents
- Confidence-based autonomy

## Cost & Accountability

- Hard budgets
- Spend tracking
- Cost attribution
- ROI visibility

## Operational Resilience

- Full audit logs
- Failure isolation
- Versioned agents

# Workflow with Governance

