

Deployment & Wrap-Up

Scaling Up Agents: Practical Tips & Next Steps

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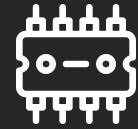


Tips to Scale & Extend Agents



Prompt Engineering for Precision

- Craft clear, structured prompts to reduce ambiguity and improve agent output
- Use role-based prompting and system messages for consistency



Memory Modules for Context Retention

- Integrate short-term and long-term memory for contextual continuity
- Apply conversation history buffers or vector memory stores

Tips to Scale & Extend Agents



Feedback Loops

- Use explicit or implicit user feedback to rate and improve responses
- Train agents to adapt based on historical performance



Human-in-the-Loop Review

- Allow manual review for critical or ambiguous agent actions
- Blend automation with oversight for higher reliability

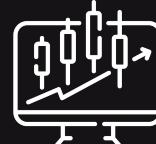
Next Steps & Future Enhancements



Add agents for **stock price forecasting** using time series models



Plug into external APIs (e.g., financial news, social sentiment)



Integrate **visual agents** for automatic chart generation



Enable **user history tracking**, personalized dashboards



Include **sentiment analysis** of market news



Add **notifications, alerts, and summary exports**

Thanks