

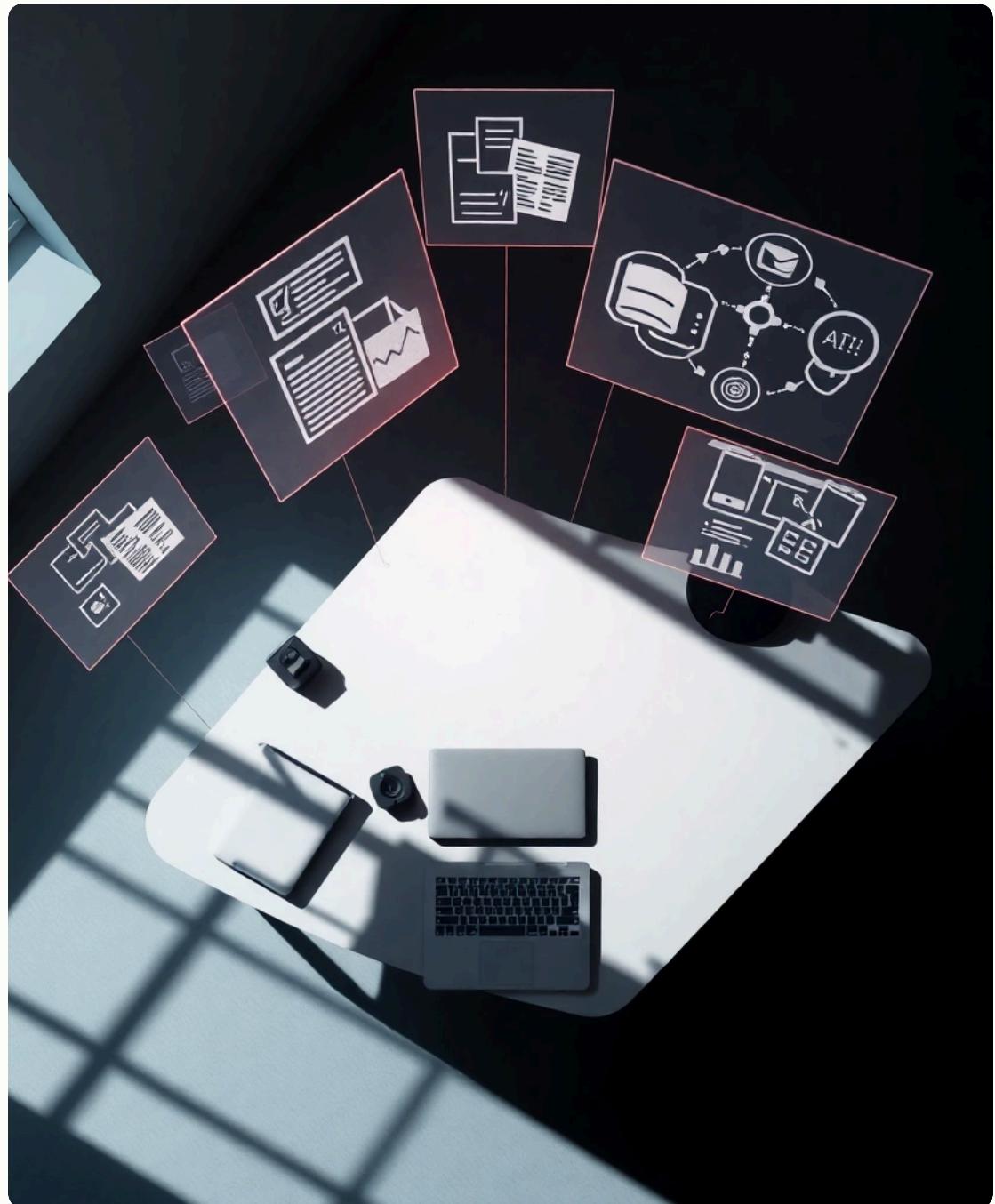
# Intelligent research powered by collaboration

The Multi-Agent AI Deep Researcher transforms complex queries into comprehensive reports through specialized AI agents working together

[Overview](#)

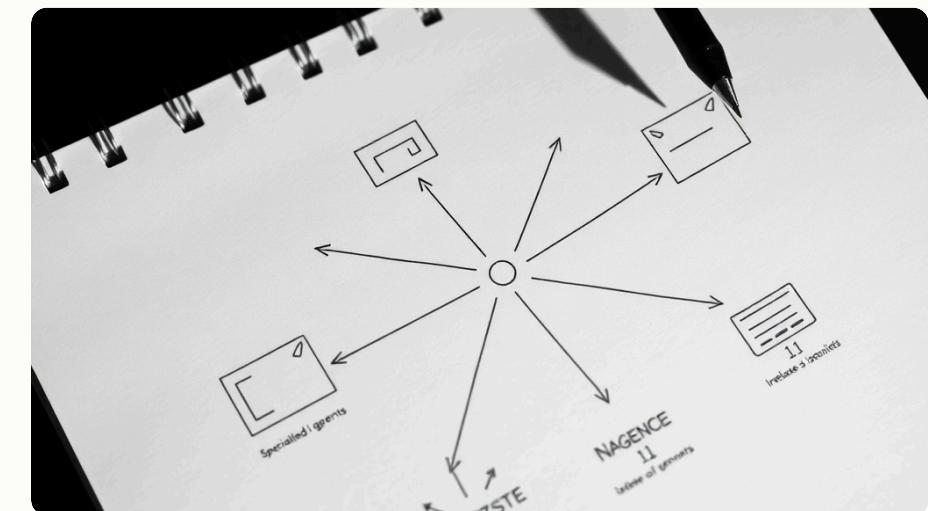
# Research reimagined

The Multi-Agent AI Deep Researcher transforms how we gather and analyze information by leveraging specialized AI agents that work collaboratively to produce comprehensive research reports.



[Overview](#)

# Agent specialists



## User experience

# Seamless experience through intuitive interface



## Organized results

Access sources, analysis, insights, and full reports in a card interface, delivered in 60-75 seconds.



## Metrics dashboard

View source quality, sentiment distribution, and domain authority measurements at a glance.



## Real-time tracking

Monitor research progress with a 5-stage visual indicator showing percentage updates as you go.



## Multiple inputs

Enter queries using text or voice through Web Speech API for flexible research initiation.

Technical excellence

# Built on a robust architecture that combines modern technologies for reliability, scalability, and extensibility



## External services

OpenRouter, Tavily and Perplexity for AI search



## Modern frontend

React 18, TypeScript, Vite with real-time updates



## Optimized deployment

Vercel frontend, Railway backend with environment configuration



## Powerful backend

FastAPI with LangGraph and LangChain integration



## Reliable performance

Comprehensive fallbacks with graceful degradation when needed

While already production-ready, we have plans to expand capabilities across several dimensions: Short-term - Add specialized agents for source credibility and temporal analysis, integrate vector databases, and improve contradiction detection.

Medium-term - Implement parallel agent execution, advanced visualizations with D3.js, multi-language support, and custom agent configuration.

Long-term - Develop agent learning from feedback, collaborative research sessions, academic database integration, and mobile applications. This foundation allows for continuous improvement while maintaining the core value of collaborative AI research assistants working together to provide comprehensive insights.