

Deepscan

David Yang

Overview

Automates data gathering,
analysis and synthesis from
multiple sources

Retrieves relevant information,
summarizes key findings and
generates a structured report

Saves time and improves decision
making

Workflow

- 1** User enters a query, agent interprets user question and asks clarifying questions
- 2** Relevant information is retrieved from external sources, tools are called
- 3** Data is analyzed and findings are summarized
- 4** Final report is generated and presented in a user-friendly format

Potential Use Case Areas



Market Analysis

Agent monitors a company's business strategy and market share, returns future projection in value.



Literature Review

Agent retrieves relevant papers (arXiv, Google Scholar, PubMed) and summarizes key findings.



Policy/Regulatory Research

Agent reviews legal or regulatory databases to identify current regulations relevant to an industry or project.

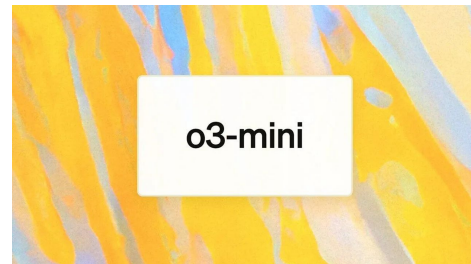


Product Buying Guide

Agent evaluates specs, reviews, and price points of different products within a category and recommends the best options.

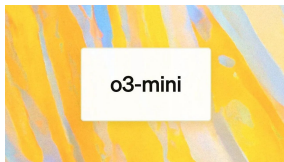
Interest

- Emergence of reasoning models (GPT o1 and o3-mini, Deepseek R1)
- Rise of agentic workflows, enabling LLMs to interact with their environment
- Automating time-consuming research tasks



Tech Stack

LLM

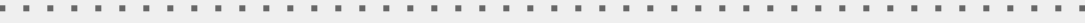


Tools



User Interface





Thank You!