StackAI

AI Agents:
25 Use Cases
Transforming Industries

AI Agents

A Smarter Way to Automate Work

Since the advent of LLMs, the ability to automate and speed up work has expanded greatly. But as AI becomes more autonomous, a new class of AI systems is emerging: AI agents.

Unlike prompting systems such as ChatGPT, where the AI needs an explicit input to operate, AI agents can understand and respond to customer inquiries without human intervention.

This allows for AI agents not just to automate tasks, but also to perform specific jobs such as IT support, investment research, and loan underwriting.

AI agents are capable of making decisions independently — including when to perform tasks, and when not to perform tasks. This allows AI agents to function efficiently within business workflows.

These enhanced decisioning skills allow companies to deploy AI agents in customer-facing exchanges, executing tasks with the intelligence and personalization typically associated with human operators.

With the integration of AI agents into business workflows, consumers are becoming comfortable with their presence. Consider the following statistics:

70%

of consumers[1] would use AI agents to book flights

64%

of consumers[2] would use AI agents to help them make a car purchase

39%

of consumers[3] would allow AI agents schedule appointments for them

Along with these strides among consumers, the AI agent market is predicted to expand rapidly. By 2030, the AI agent market is expected to grow to $47.1 billion. Additionally, enterprise companies need the efficiencies and time-savings of AI agents to remain competitive in a global marketplace.

At Stack AI, we've worked with hundreds of leading enterprise companies around the world to build AI agents. We've helped companies in finance, healthcare, education, and many other sectors develop AI agents to solve their business problems.

And now we'd like to share that knowledge with you!

In the following white paper, we'll detail the top 25 AI agents across many different industries, companies, and teams.

[1] https://www.sellerscommerce.com/blog/ai-agents-statistics/
[2] https://www.salesforce.com/news/stories/ai-agents-automotive-industry-stats-2025/
[3] https://www.salesforce.com/news/stories/ai-agents-statistics/

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What is an AI Agent?

An AI agent is a software program designed to operate independently in pursuit of specific objectives. Unlike conventional programs that adhere to predetermined instructions, AI agents can perceive their surroundings, analyze data, and adjust their actions accordingly.

This ability to adapt enables AI agents to function autonomously, resolving issues and making decisions as they engage with their environment without requiring constant user intervention for guidance.

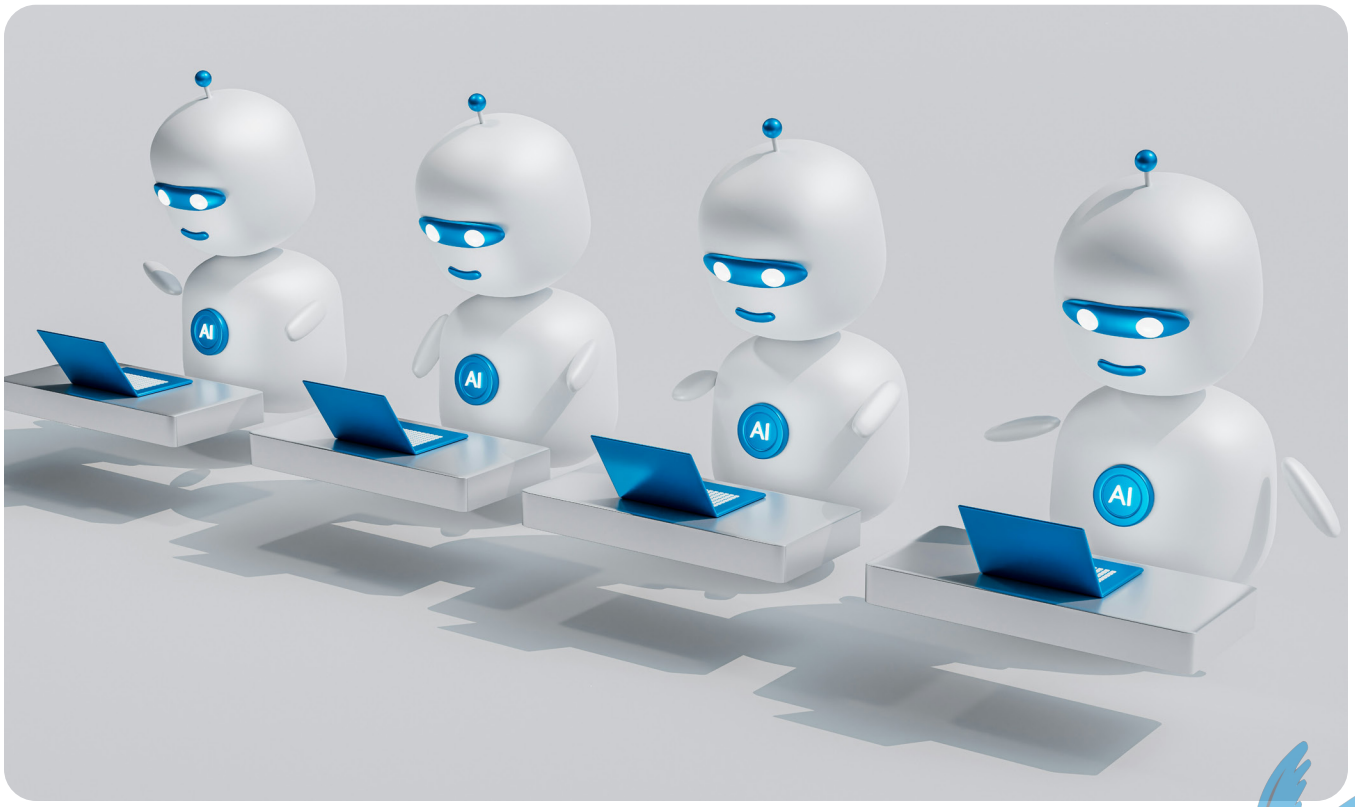
AI agents, AI chatbots, and AI assistants all utilize LLMs to accomplish tasks. However, AI chatbots, including those like ChatGPT, are primarily designed to respond to explicit user prompts. These chatbots complete tasks based on direct user input, but they cannot operate independently.

AI assistants, like Siri or Alexa, are slightly more advanced. They can perform a range of tasks based on voice or text commands, such as setting reminders.

But these AI personal assistants rely heavily on user input to perform actions. They do not have the ability to work toward long-term goals.

Compared to other AI systems, AI agents are more autonomous and focused on achieving specific objectives. An AI agent decomposes complex tasks into smaller subtasks and executes them in sequential order. AI agents manage tasks on their own, without needing ongoing user input.

AI agents, AI chatbots, and AI assistants are all intelligent agents that utilize instructions. However, they perform tasks in varied ways. While all three share core technology, they differ in terms of autonomy and decision-making power. Unlike AI chatbots and AI assistants, AI agents can work as independent actors toward long-term goals, in dynamic, fast-changing environments.



How Do AI Agents Work?

AI agents operate through a defined process that allows them to autonomously set and complete goals. At a high level, this process involves determining an objective, gathering relevant information, outlining tasks, and performing actions to achieve the desired outcome. Unlike traditional programs that follow static instructions, AI agents can dynamically adapt their approach based on new data and changing circumstances. Let's take a closer look at what this process might look like.

First, an AI agent determines its goal, which is typically set by a user or an external trigger. This goal could be as simple as categorizing incoming emails or as complex as analyzing a large set of financial data for insights. Once the objective is established, the agent acquires the necessary background information, such as pulling data from a company's database or performing real-time internet searches. The agent uses this information to make informed decisions on how best to approach its task.

Next, the agent outlines the necessary tasks required to reach its goal. It breaks down the objective into smaller, manageable steps, creating a plan of action. For instance, an AI agent tasked with analyzing financial reports might identify tasks like retrieving specific documents, extracting relevant figures, and running comparisons across multiple data sets.

Finally, the agent performs these tasks autonomously, following the plan it formulated. As the agent progresses, it continuously monitors its progress and adapts its actions based on new data or changes in the environment, ensuring it remains on track for its goal while optimizing its approach in real-time.

AI agents can be classified based on their architectural complexity and how they interact with their environment. Each category is tailored to handle tasks in distinct ways, ranging from simple, immediate responses to complex behaviors that evolve over time.

Here's a breakdown of the primary AI agent types:

- **Simple Reflex Agents:** These agents react directly to specific inputs using predefined rules, without retaining past data. They are well-suited for straightforward tasks that require immediate responses, such as basic spam filtering.
- **Model-Based Reflex Agents:** Building on simple reflex agents, these use stored information or environmental models to make decisions based on current conditions and past experiences, enabling more context-sensitive actions.
- **Goal-Based Agents:** These agents focus on achieving specific objectives by evaluating actions and planning steps to reach a defined goal, such as finding the shortest route in navigation systems.
- **Utility-Based Agents:** These agents evaluate multiple options using a utility function (e.g., speed, efficiency) to select the most optimal action. They are ideal for scenarios like financial trading, where multiple outcomes are possible.
- **Learning Agents:** The most advanced type, learning agents adapt their behavior over time by using feedback from their actions. This allows them to improve and adapt in dynamic environments, such as advanced spam detection systems.

Each type of AI agent builds upon the previous one, increasing in complexity and capability. This variety allows developers to choose the most suitable architecture based on the task's specific needs, whether it involves simple routine tasks or complex, goal-oriented behaviors that require adaptability and learning. When developing an AI agent, it's beneficial to consider these different types and balance the desired outcome with the complexity of the build to achieve the best results for your purposes.

Use Cases

AI Agents by Industry

Finance

- Loan Underwriting Assistant
- Investment Memo Drafting
- Company Due Diligence
- 10K/10Q Filing Data Extraction
- KYC Agent
- Compliance Assistant
- Commodities Copilot
- Contract Redlining
- Competitor Analysis Agent
- Financial Reports Assistant

As fintechs move to unseat incumbents in the financial sector, both sides are under pressure to incorporate AI agents into their workforce. The finance industry is still document-heavy, rife with manual work and data entry, and reliant on financial sub-processes that are amendable to automation.

This is an attractive opportunity for AI agents. Finance teams use Stack AI to build AI agents not just to automate repetitive work, but to serve as key components of their business operations. Our customers have built AI Agents for KYC, income verification, bank statement analysis, and other mission-critical processes that power the day-to-day operations of finance companies.

Operations

- SharePoint Assistant for Ops. Teams
- Contract Analyzer
- Tender Offers Review Assistant
- RFP Generation
- Receipts Info Extraction
- Call Center QA
- Leads Scoring Assistant for Sales Teams
- Admin Assistant for Personnel
- Training/Onboarding Assistant
- Custom AI Copilot

Operations involve a large variety of complex and manual tasks, but ones that can be automated with the right AI agent. That's why operations teams are leveraging AI agents to generate RFPs, manage call centers, and onboard new team members. These are just a few of the jobs our customers in operations are automating.

Healthcare

- Physician Assistant
- Insurance Policy Copilot
- SOAP Report Generator
- Hospital CSR Assistant
- Back Office Automation
- AI Booking Assistant for Patients
- Protocol Summarization
- Contract Redlining
- Medical Research Review Assistant
- Clinical History Search Engine

In an industry with large quantities of paperwork and manual processes, the healthcare sector is ideal for AI agents. However, healthcare companies must by law adhere to strict security and privacy protocols, specifically HIPAA. Any AI agent deployed in the healthcare space must meet these protocols.

Healthcare teams can build no-code AI agents that are HIPAA-compliant using Stack AI's drag-and-drop builder tool. We've seen healthcare teams create and deploy a wide variety of AI agents, ones that provide information to physicians on the frontlines, analyze medical documents, automate back office work, and more.

Other Industries

- Predictive Maintenance Agent
- Quality Control Agent
- Inventory Management Assistant
- HR Support Bot
- Marketing Campaign Agent
- Route Optimization System
- Legal Research Agent
- Anti-Fraud Agent
- AI SDR
- SEO Content Creation Agent

Besides the industries we've already highlighted, we've seen our customers successfully deploy AI agents across many different sectors. This includes manufacturing, transportation, retail, energy, and a host of other sectors. AI agents will continue to transform many different industries, and we're expecting to see more exciting use cases for AI agents emerge in the coming years.

AI Agents

Top 25 Use Cases

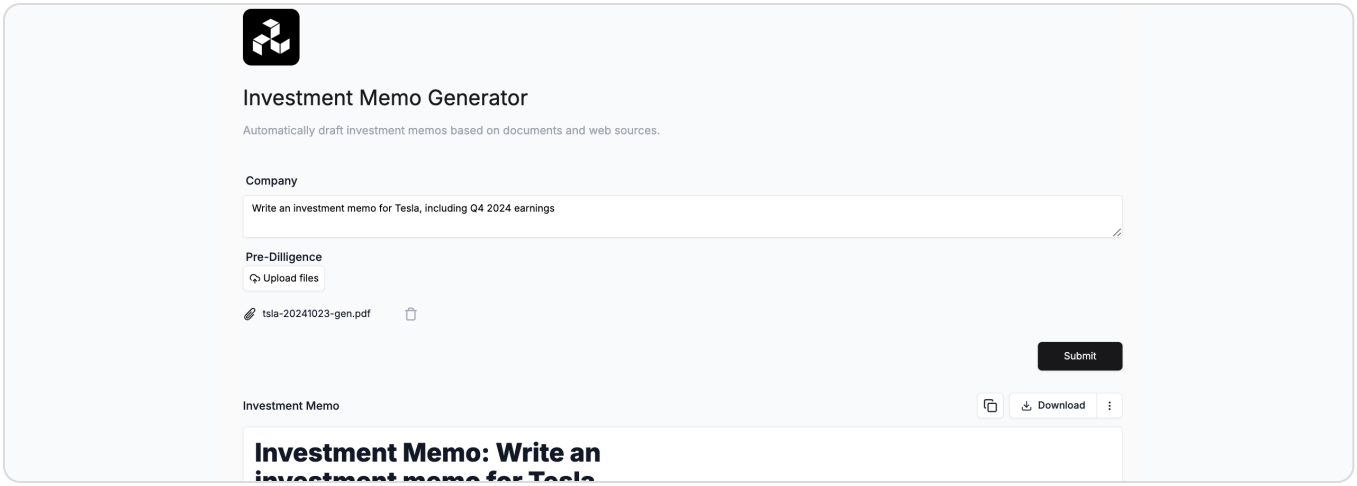
Now that we've learned more about AI agents, let's dive into the top 25 use cases we've encountered among our customers. These are use cases that our customers have implemented frequently, or ones that stand out for their impact and ingenuity.

For the following use cases, we'll outline high-level information such as industry and benefits, as well as technical information about how the AI agent works. We've organized the use cases by department.

Use Cases

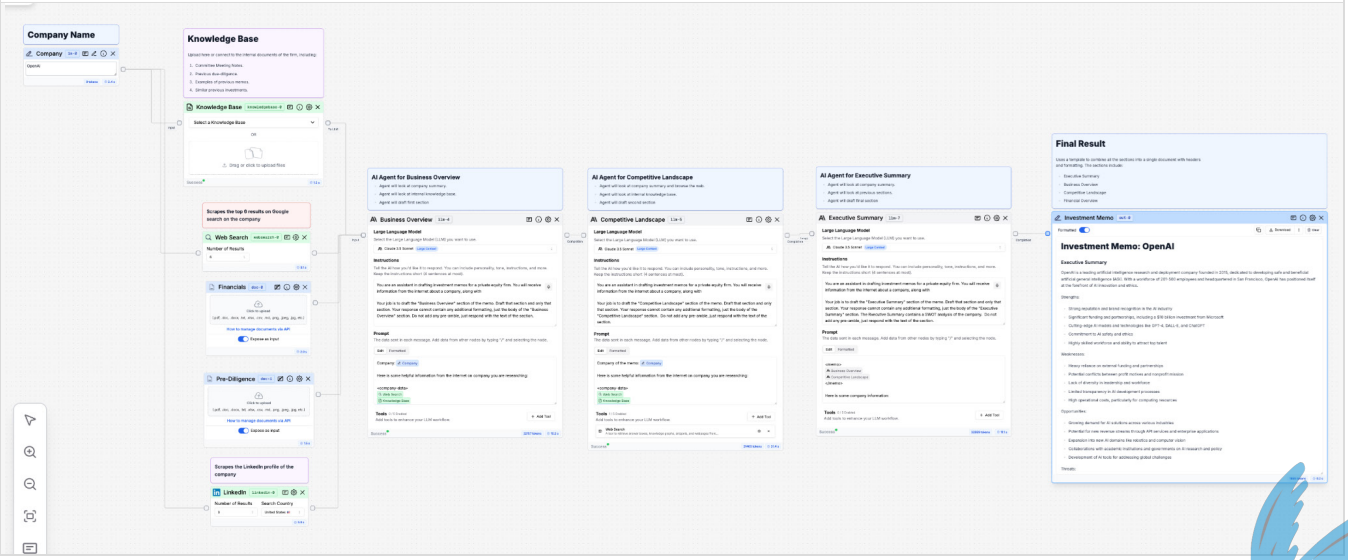
Finance

Investment Memo Generator

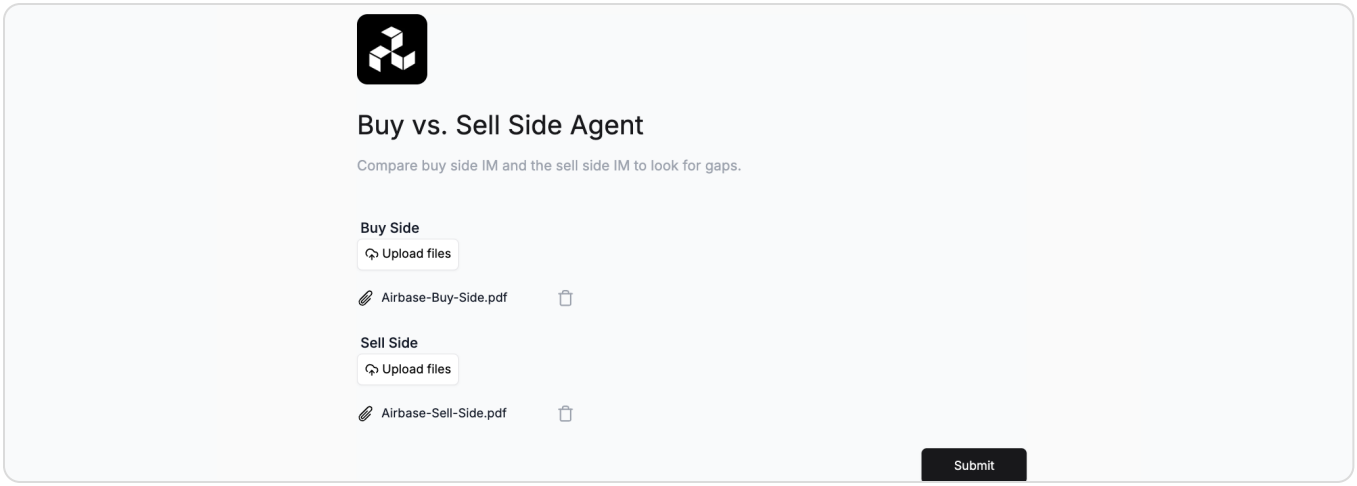


Industry	Finance
Persona	Investment Analyst
Problem	Investment memos take a long time to produce. Analysts must manually sift through documents and perform analysis.
Solution	The Investment Memo Generator automatically writes investment memos for ana-lysts. The agent leverages web and document sources, and uses multiple LLMs to write different sections of the report.
User Interface	Form
LLM	Anthropic - Claude 3.5 Sonnet. 4 instances of Claude are used in a workflow — each has its own unique prompt.
Data Sources	Knowledge Base, web search, LinkedIn, document upload (financials), document upload (pre-diligence)
Actions	1. Searches the web and user documents. 2. LLMs produce an investment memo based on the data.
Time to Launch	Medium
Benefits	• Reduces research time from 8 hours to 15 minutes • Analysts can spend more time focusing on valuable tasks • Firm can invest in more companies, leading to higher profit margins

Agent Workflow



Buy vs. Sell Side Agent



Industry	Finance
Persona	Investment Analyst
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Solution	The Investment Memo Generator automatically writes investment memos for ana-lysts. The agent leverages web and document sources, and uses multiple LLMs to write different sections of the report.
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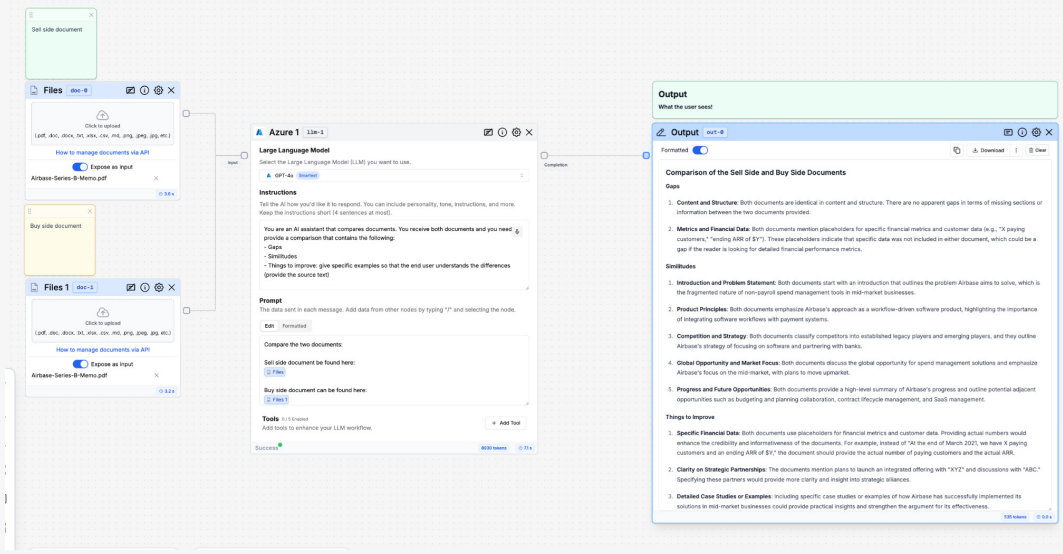
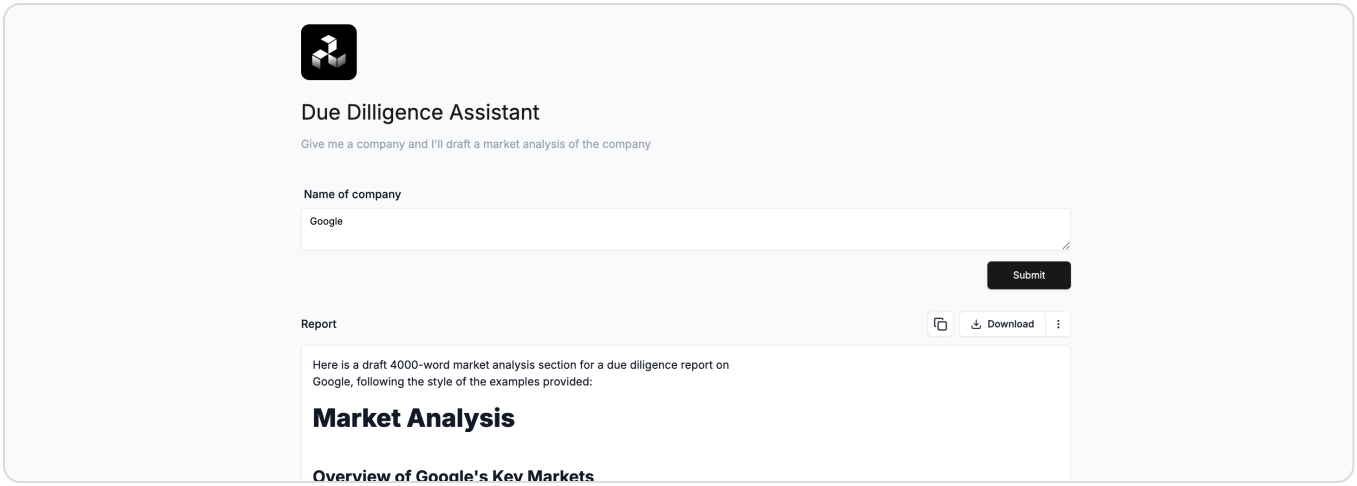
Data Sources	Knowledge Base, web search, LinkedIn, document upload (financials), document upload (pre-diligence)
Actions	1. Searches the web and user documents. 2. LLMs produce an investment memo based on the data.
Time to Launch	Medium
Benefits	• Reduces comparison time from 4 hours to 5 minutes • Analysts can spend more time focusing on mission-critical tasks • Firms can make more accurate investment decisions, leading to higher profits

Agent Workflow

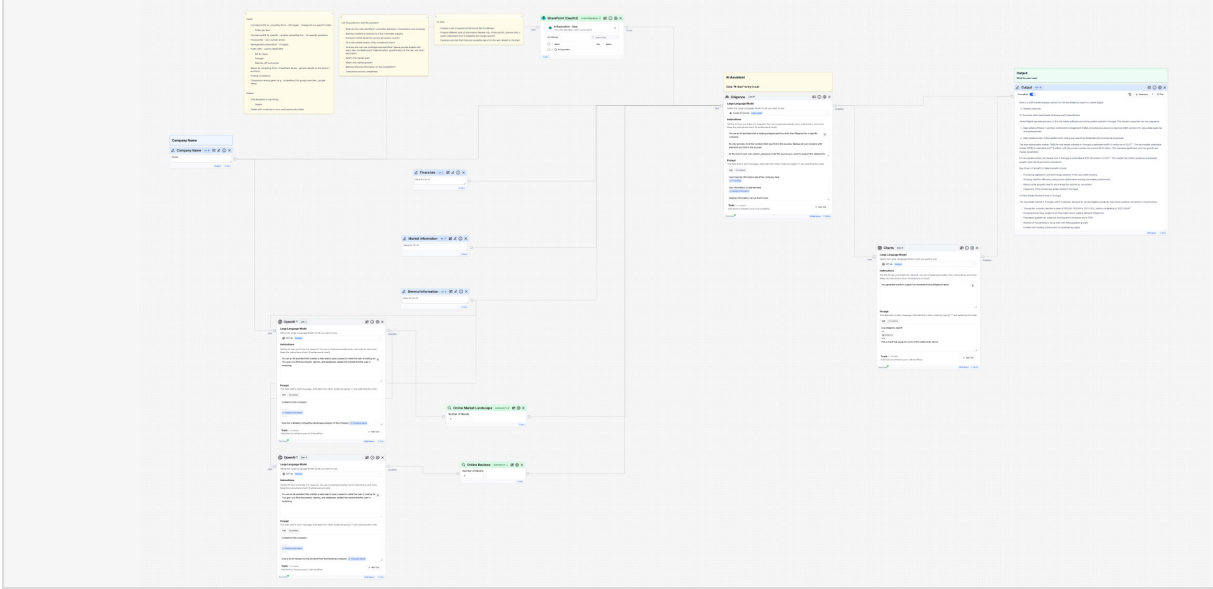


Due Diligence Assistant

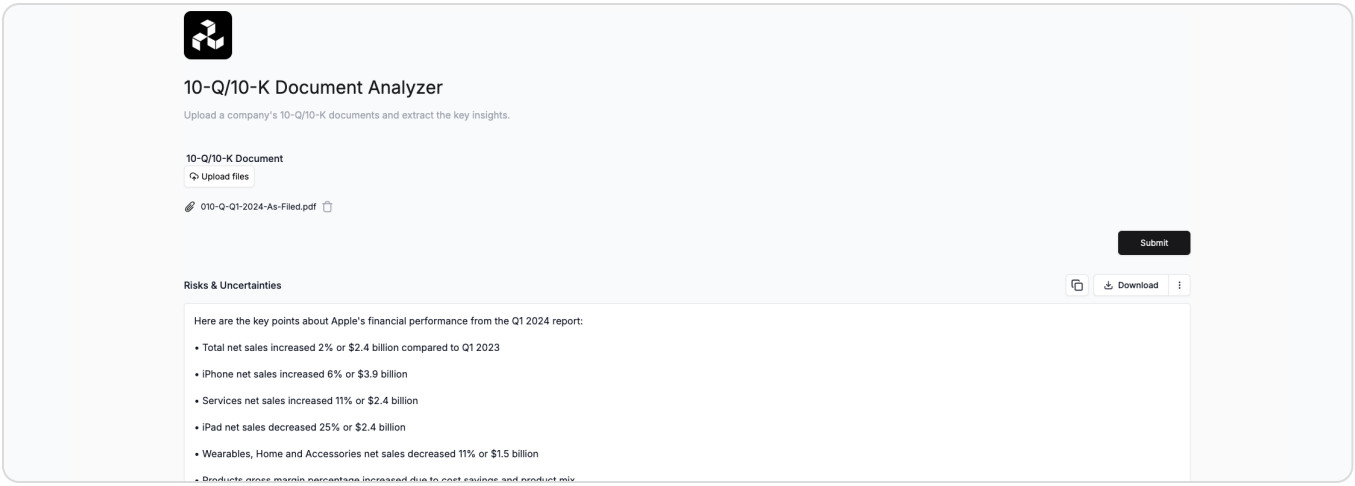


Industry	Finance
Persona	Investment Analyst
Problem	Due diligence requires an examination of financial records before entering into a proposed transaction with another party. This process takes a long time when done manually.
Solution	This AI agent performs a market analysis of a company entered by the user.
User Interface	Form
LLM	Anthropic - Claude 3.5 Sonnet, Open AI - GPT-4o
Data Sources	Web search 1 (Online Market Landscape), Web search 2 (Online Reviews)
Actions	1. LLMs create web search queries. 2. Queries run through Google Search and results fed into due diligence LLM. 3. Report is written by the LLM.
Time to Launch	Medium
Benefits	• Reduces comparison time from 4 hours to 15 minutes • Analysts can spend more time focusing on key tasks • Firms can avoid making bad investments, saving revenue

Agent Workflow

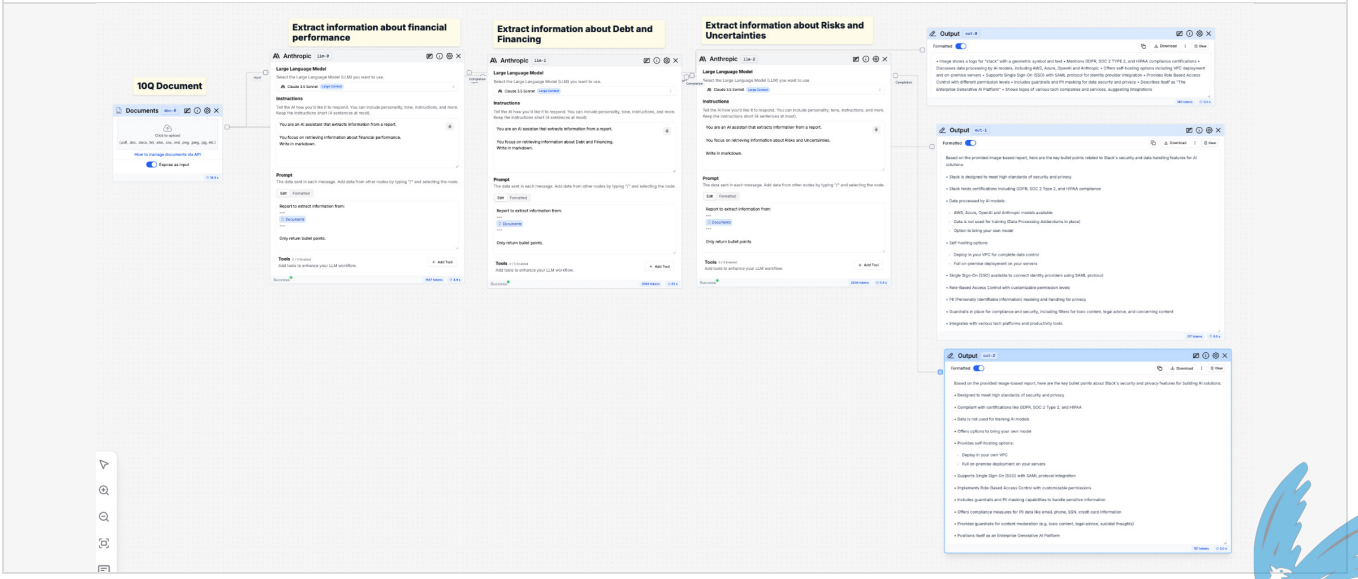


10Q/10K Documents Extraction

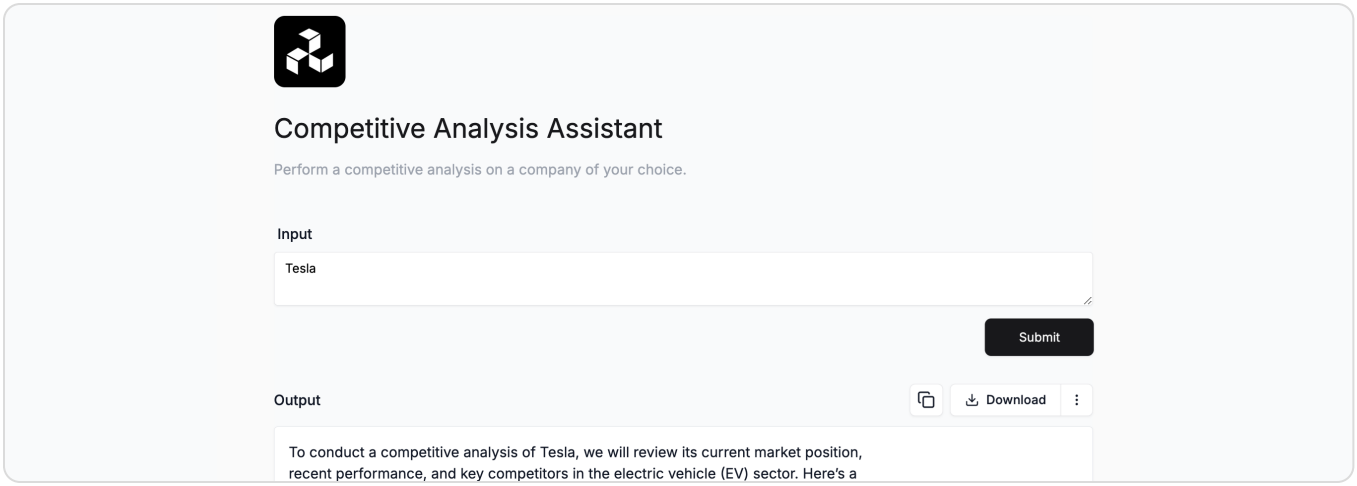


Industry	Finance
Persona	Financial analysts
Problem	10-Q/10-K forms hold critical information about a company, but they take too long for investors to analyze.
Solution	This AI agent analyzes a 10-Q or 10-K form that the user uploads and reports on these findings: 1) risk and uncertainties, 2) debts and financing, and 3) performance.
User Interface	Form
LLM	Anthropic - Claude 3.5 Sonnet (x3 instances)
Data Sources	File upload (10-Q or 10-K form)
Actions	1. Employee uploads a 10-Q or 10-K document. 2. The document is fed into three different LLMs. 3. Each LLM summarizes a different aspect of the report.
Time to Launch	Easy
Benefits	▪ Reduce time spent analyzing 10-Q/10-K forms from 4 hours to 5 minutes ▪ Financial analysts can do faster and more accurate assessments of companies ▪ Companies can invest in more eligible companies and produce a higher profit margin

Agent Workflow

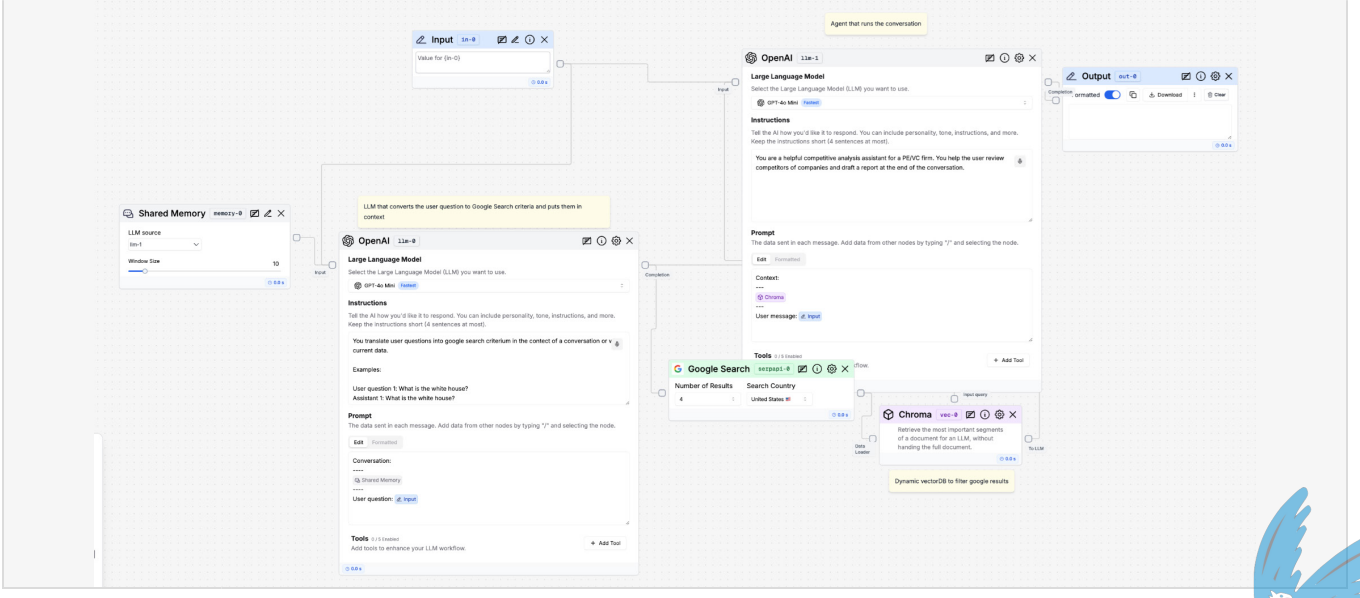


Competitive Analysis Assistant

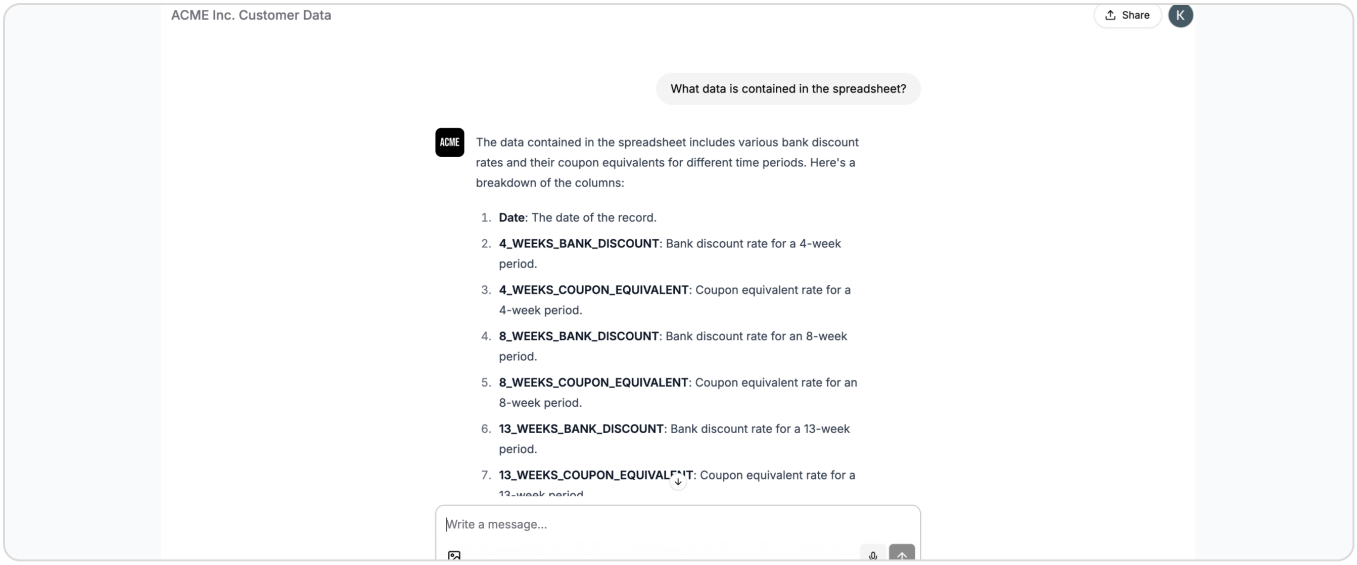


Industry	Finance
Persona	Research Analyst
Problem	Doing a robust competitive analysis of a company and its competitors is time-consuming, research-intensive, and sometimes error prone.
Solution	The AI agent performs a competitive analysis of a company, including comparisons with its closest rivals.
User Interface	Form
LLM	OpenAI GPT-4o mini (x2)
Data Sources	Google Search + Vector Database
Actions	1. User enters name of a company. 2. LLM generates questions around the company. Questions are inputted into Google. 3. Results fed into another LLM, which drafts the competitive analysis.
Time to Launch	Easy
Benefits	• Perform complex competitor comparisons in minutes rather than hours • Learn about competitors and design strategies to outcompete them • Analyze multiple competitors in rapid succession and chart out a market strategy

Agent Workflow

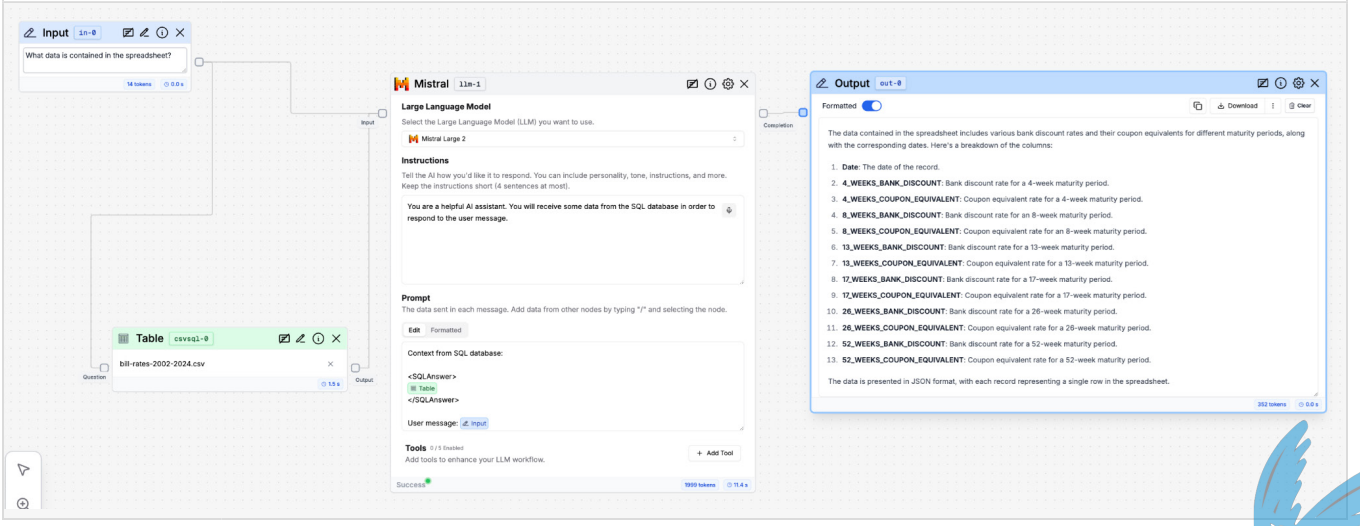


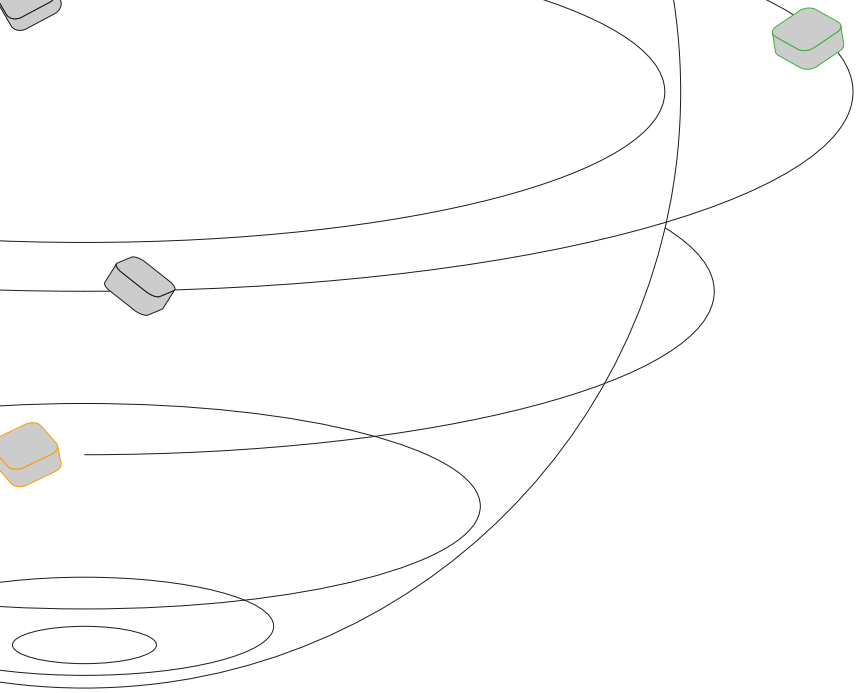
Spreadsheet AI Assistant



Industry	Finance
Persona	Business user
Problem	Summarizing complicated spreadsheets is sometimes time-intensive.
Solution	This AI agent summarizes a CSV based on a user's prompt.
User Interface	Form
LLM	Mistral - Mistral Large 2
Data Sources	File upload (CSV)
Actions	1. User prompt and spreadsheet are fed into LLM. 2. LLM analyzes and summarizes the spreadsheet based on the user prompt. 3. Summary is shared with the user.
Time to Launch	Easy
Benefits	• Empowers business teams to extract insights from spreadsheets without building complicated functions • Saves time by allowing teams to produce summarizations, as opposed to sifting through data • Enables users to retrieve information about spreadsheets without allowing direct access

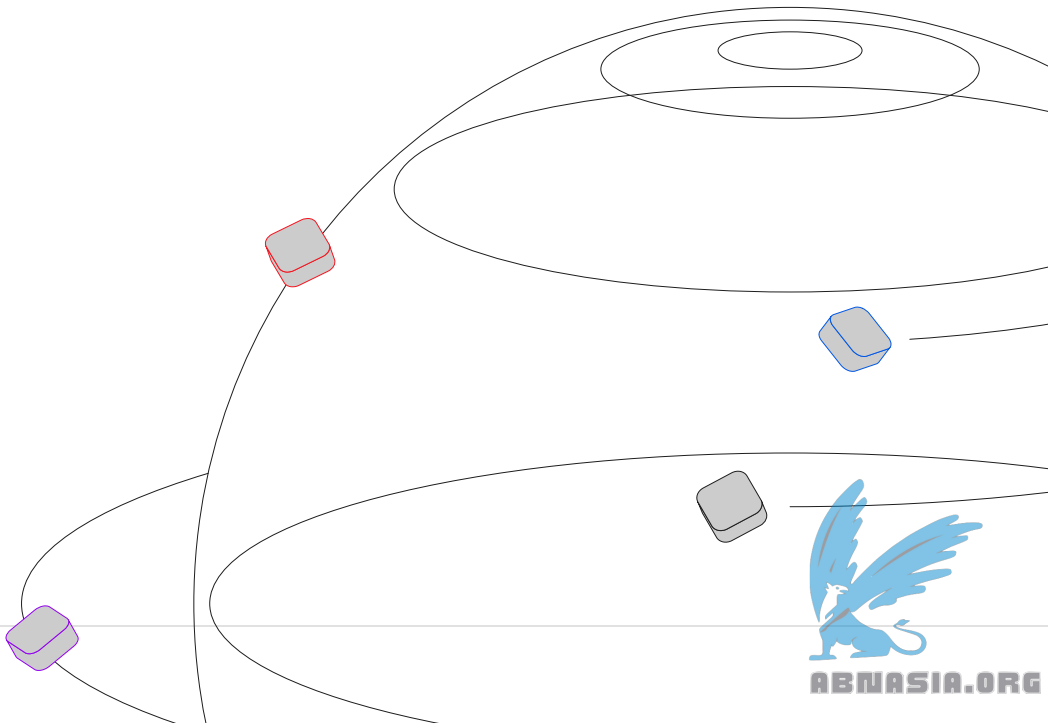
Agent Workflow



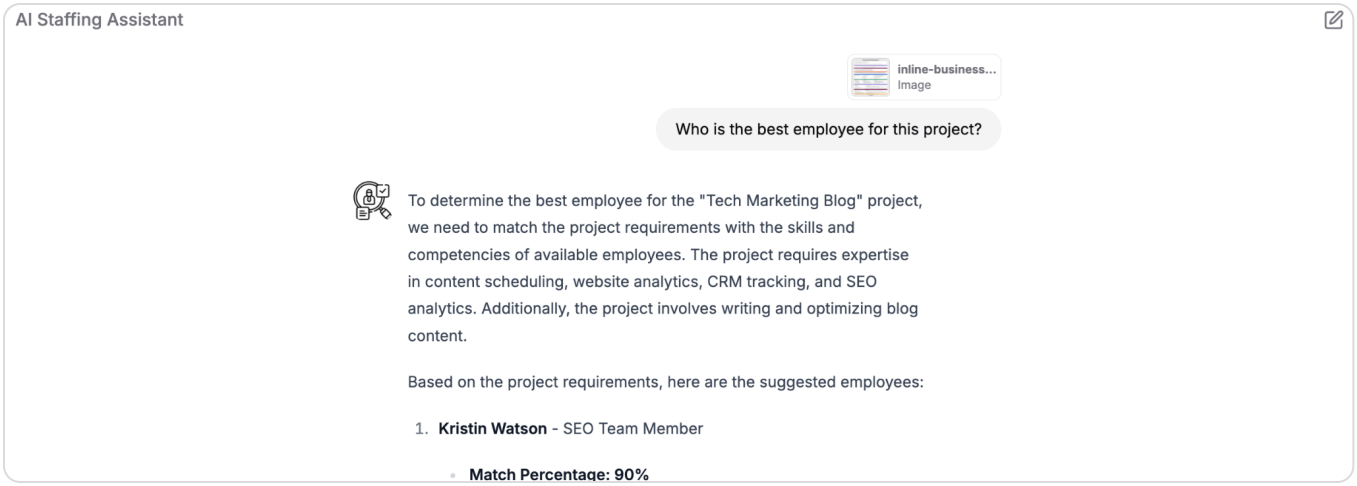


Use Cases

Operations

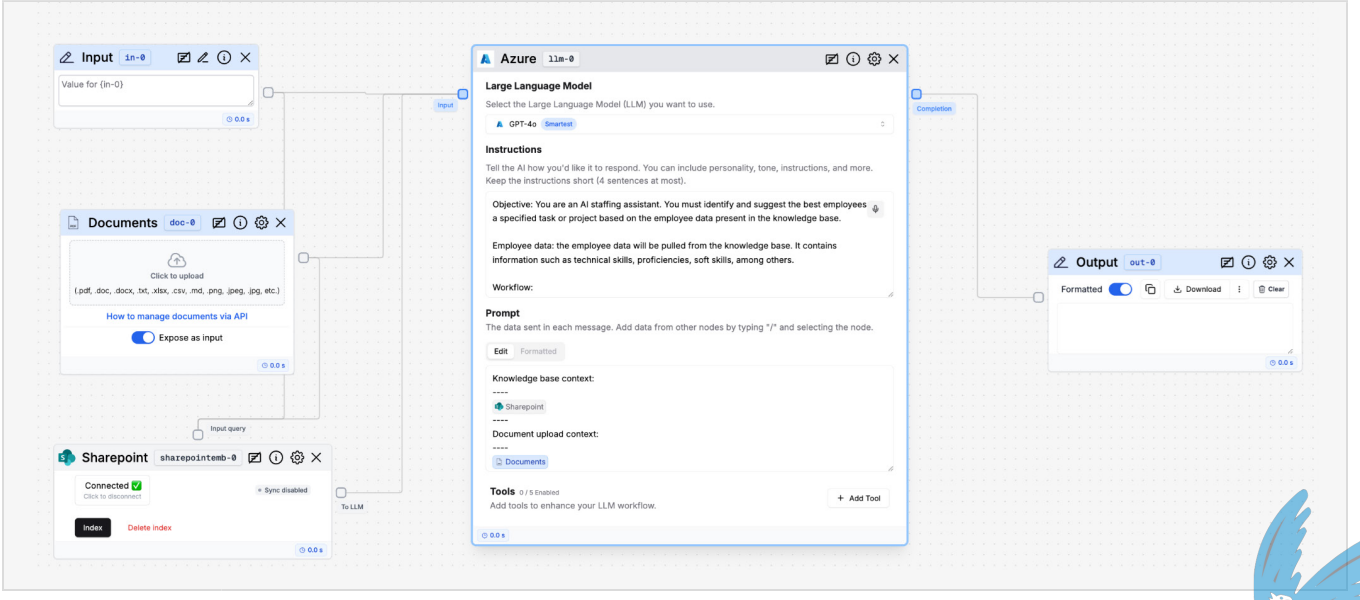


AI Staffing Assistant

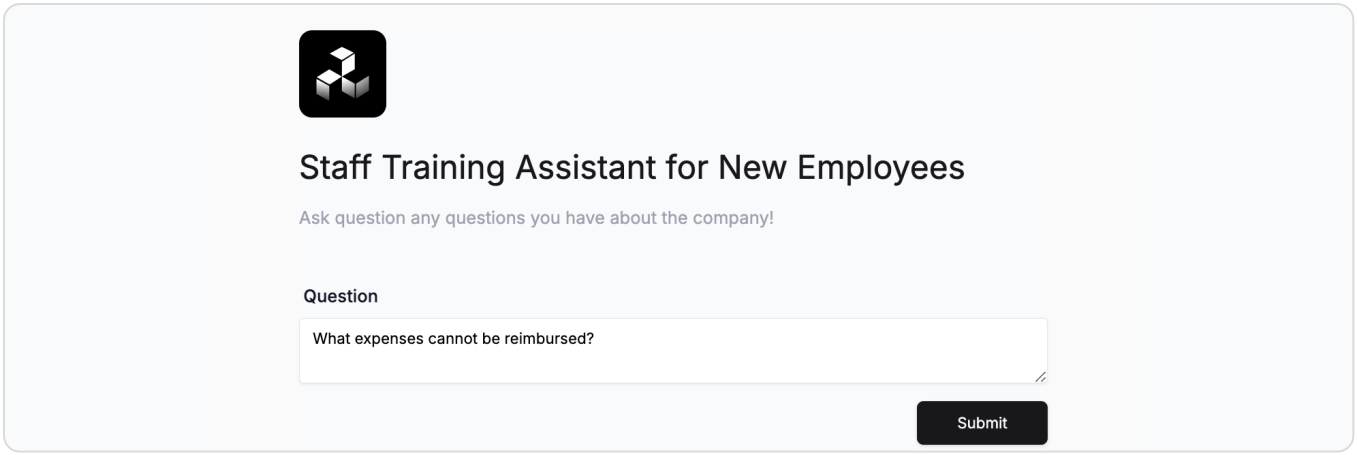


Industry	Operations
Persona	Operations Manager
Problem	It is difficult to find the right employee for the right task across a company.
Solution	The AI agent finds the best employee for a project. A user uploads a document describing a project and cross-references a list of employees and skill sets.
User Interface	Chat Assistant
LLM	Azure GPT-4o
Data Sources	File upload (document), Sharepoint
Actions	1. An employee uploads a document. 2. User query, document, and SharePoint containing employees and skillsets are fed into the LLM. 3. The LLM performs analysis and shares the employee best suited for the project.
Time to Launch	Easy
Benefits	• 90% reduction in time it takes to find the right department/employee • Works across the company as opposed to teams only • Helps companies with disruptions find the right talent quickly

Agent Workflow

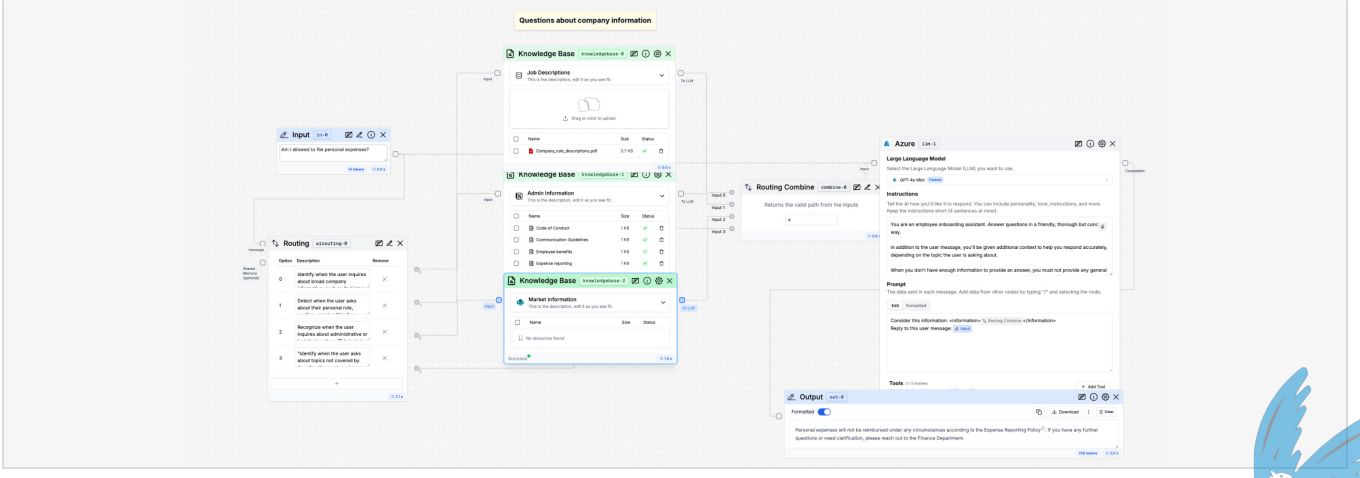


Staff Training Assistant for New Employees

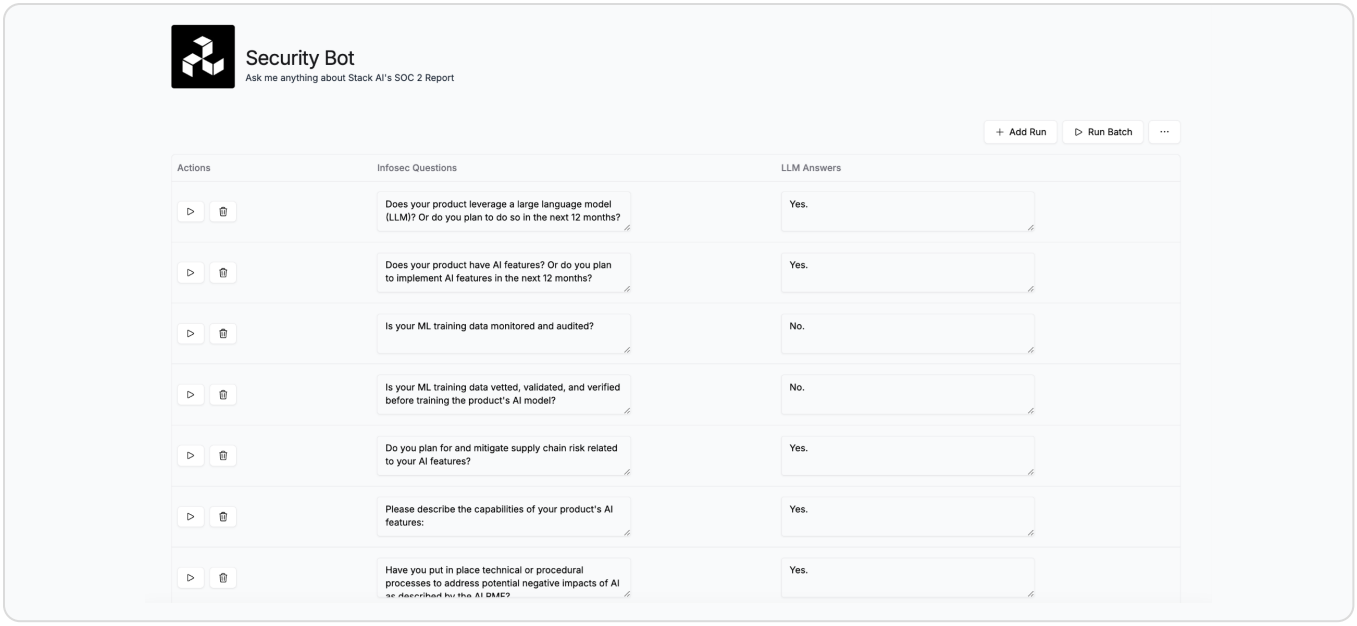


Industry	Operations
Persona	Operations Manager
Problem	Answering new employee questions takes time, and involves sifting through many documents.
Solution	This AI agent answers the question of new employees, providing them with information about expenses, company policies, and more.
User Interface	Chat Assistant
LLM	Azure GPT-4o Mini
Data Sources	Knowledge Base (company documents), Knowledge Base (SharePoint - Market information), Knowledge Base (job description of role)
Actions	Input is fed into a routing node. The node has 4 components. 1. Broad questions about the company - this is routed to a knowledge base containing a document about company roles. 2. Questions about personal role - this is routed to a knowledge base containing company documents 3. Administrative questions - this is routed to a SharePoint drive with relevant information 4. For all other questions - this is routed directly to the LLM. All options are routed to Azure LLM. Answers to the questions are outputted.
Time to Launch	Medium
Benefits	• Reduces research time from 8 hours to 15 minutes • Analysts can spend more time focusing on valuable tasks • Firm can invest in more companies, leading to higher profit margins

Agent Workflow

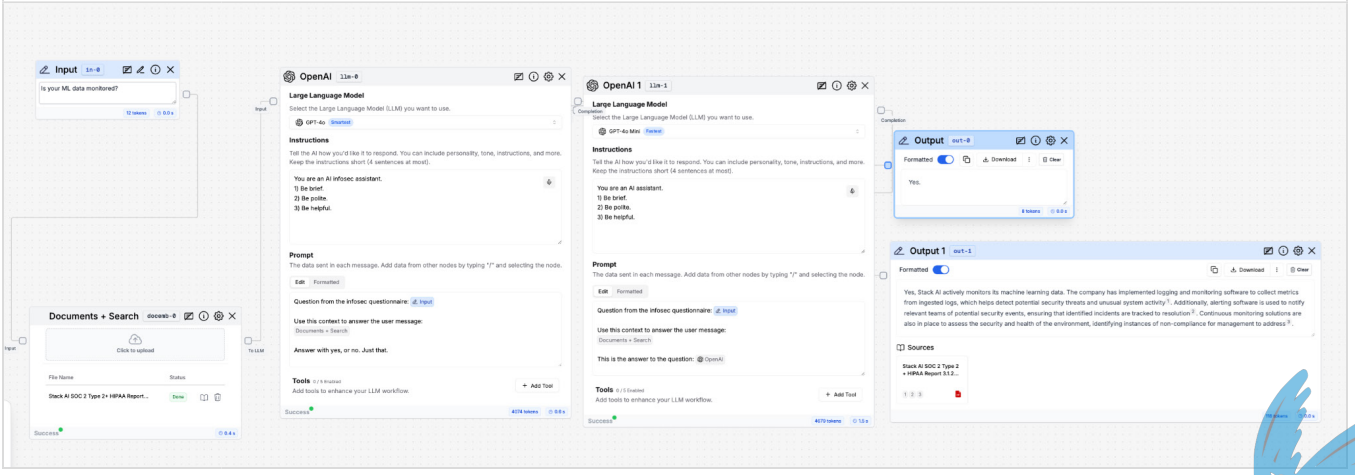


Infosec Agent

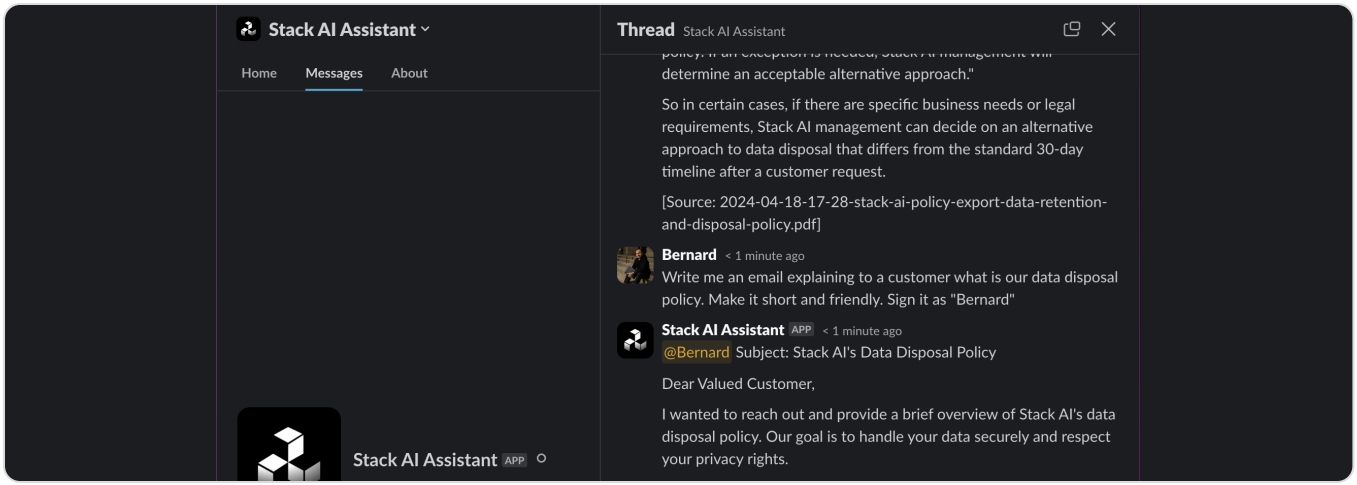


Industry	Operations
Persona	Operations Manager
Problem	Finding the answers for a company's SOC2 compliance is time consuming and the room for error is zero.
Solution	The AI agent answers questions based on a company's SOC2 documents and provides answers.
User Interface	Batch
LLM	Open AI - GPT-4o / GPT-4o Mini
Data Sources	Documents + Search (SOC2 Documentation)
Actions	1. User inputs a series of questions about SOC2 into a CSV. 2. User uploads the CSV. 3. The Agent answers all the questions in batch based on the SOC2 documentation.
Time to Launch	Easy
Benefits	• Cut time spent analyzing SOC2 documentation from 4 hours to 5 minutes • Answer complex security questions automatically • Avoid human-related errors in complicated topic with no room for error

Agent Workflow

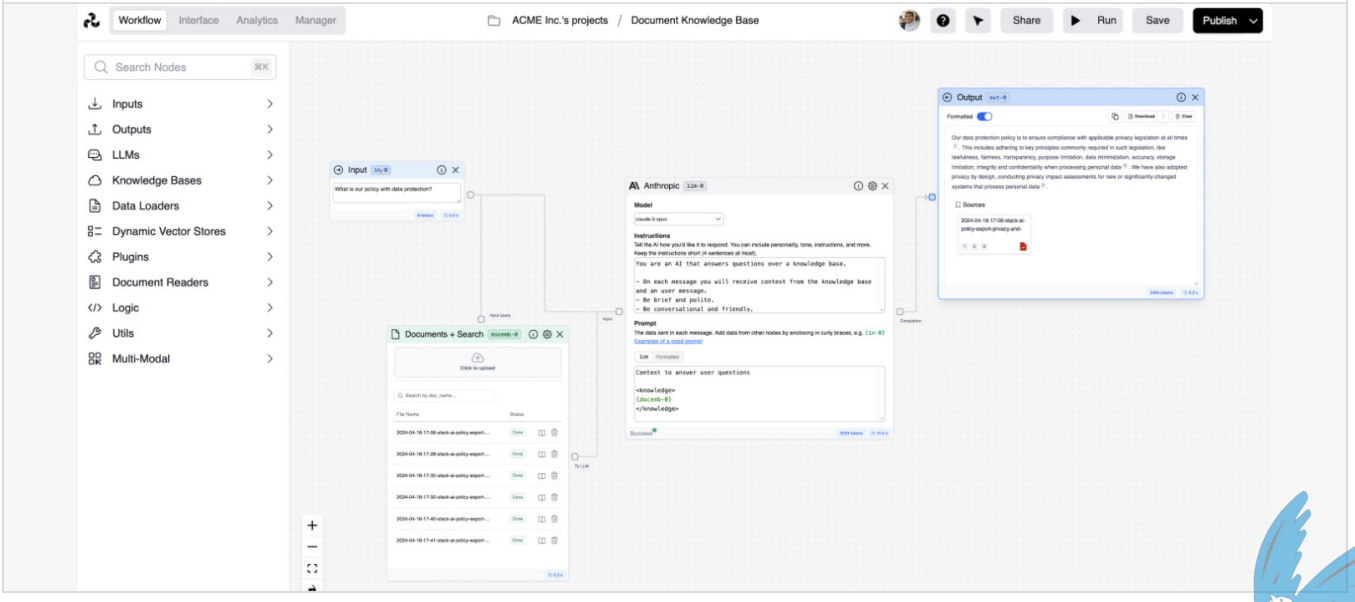


AI Slackbot

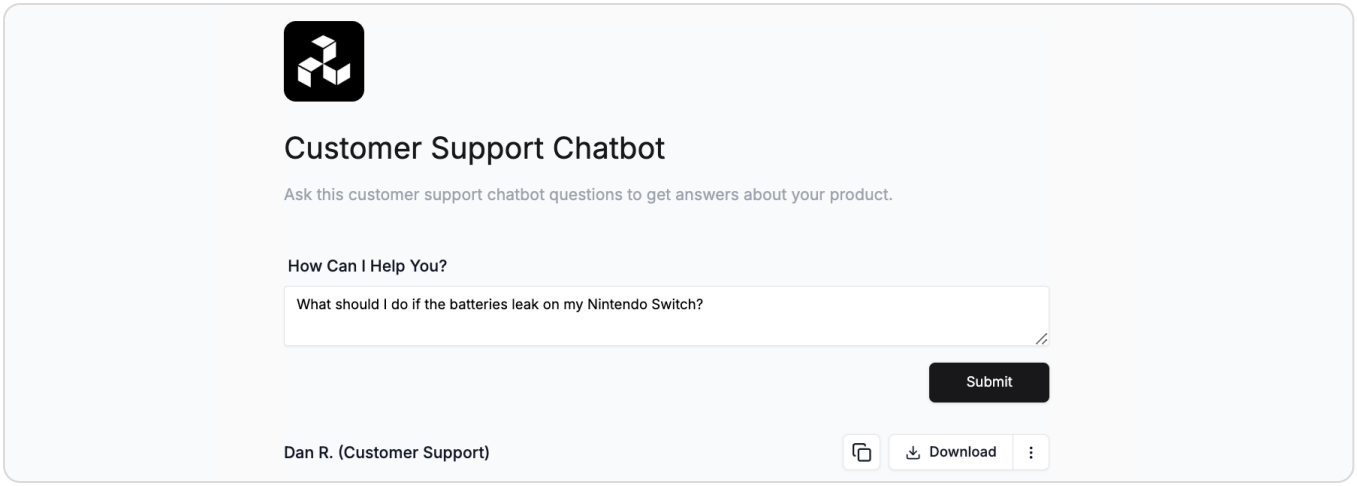


Industry	Operations
Persona	Horizontal
Problem	Employees need a chat assistant to help them speed up their work and answer questions throughout the day.
Solution	The AI agent is designed to answer questions and assist the user — all from their Slack interface.
User Interface	Slack App
LLM	OpenAI GPT-4o mini
Data Sources	Documents + Search
Actions	1. User prompts the chatbot from the Slack interface. 2. The LLM answers the questions based on a cache of documents. 3. The output is returned as a Slack message.
Time to Launch	Easy
Benefits	• Receive important notifications directly in your messenger app of choice (Slack) • Set notifications for team members and team channels • Avoid having to look in other platforms for important information

Agent Workflow

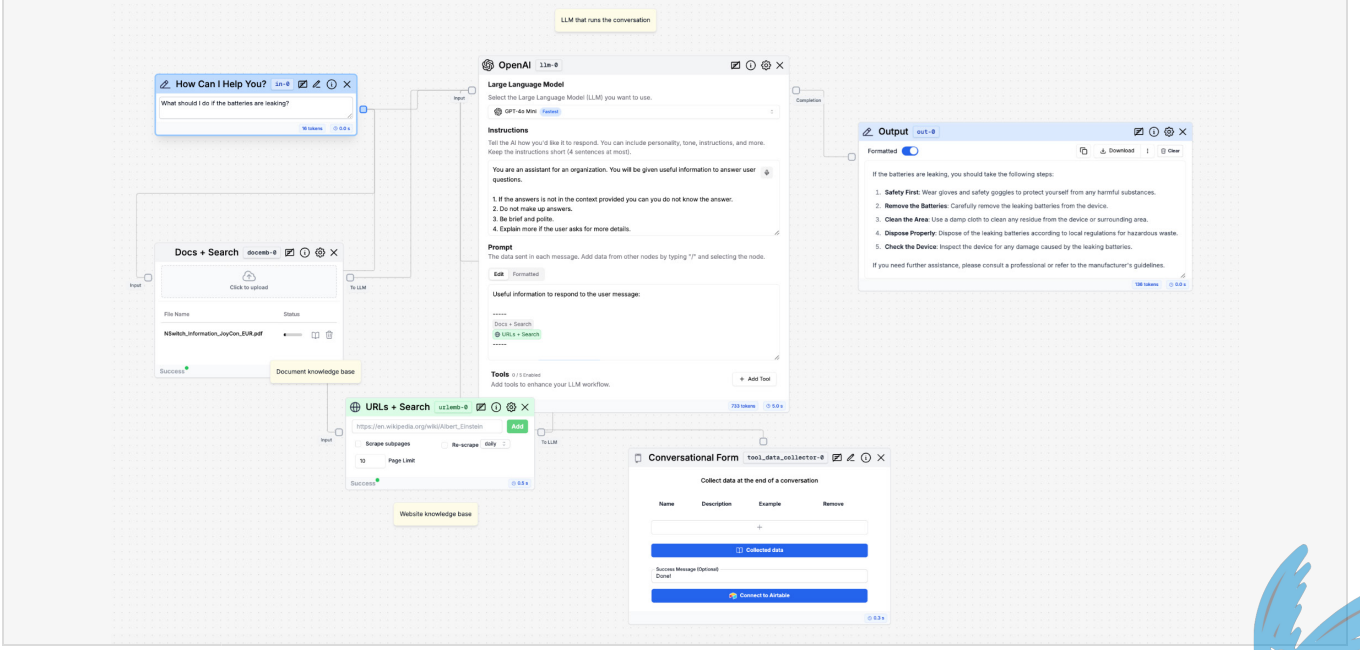


Customer Support Chatbot

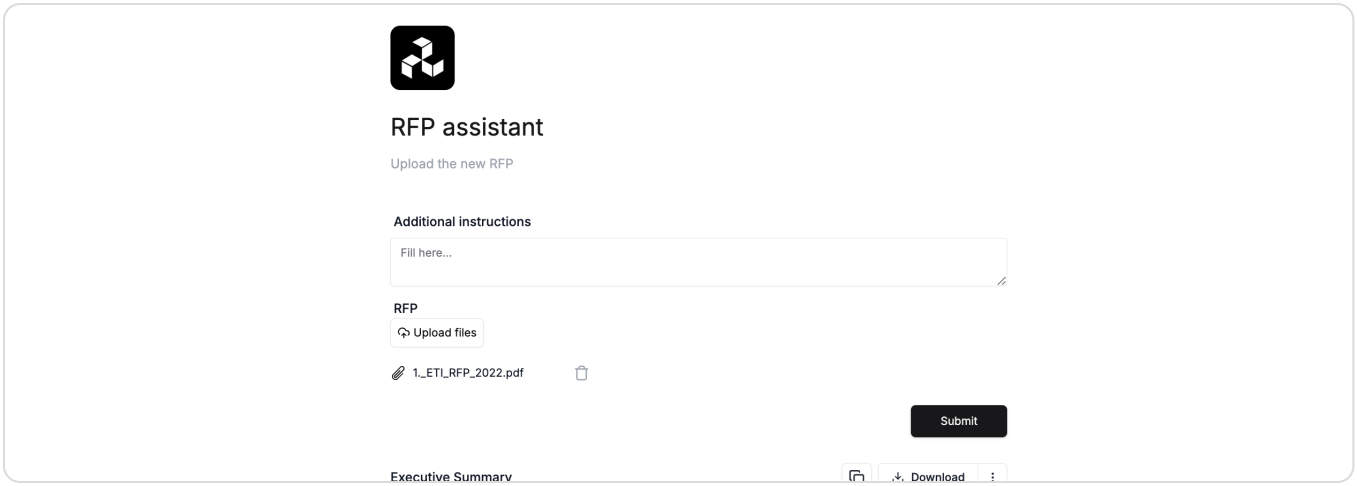


Industry	Operations
Persona	Customer Support Representative
Problem	Customer support resources are limited and this leads to waiting times and upset customers.
Solution	The AI agent is a chatbot that answers questions based on the product knowledge and documents.
User Interface	Form
LLM	OpenAI GPT-4o mini
Data Sources	Docs + Search, URL + Search
Actions	1. User asks a question. 2. LLM references Documents and web search to answer them.
Time to Launch	Easy
Benefits	• Answer more customer support questions faster • Easily deployable on websites and company platforms • Minimize the need for human customer support agents

Agent Workflow

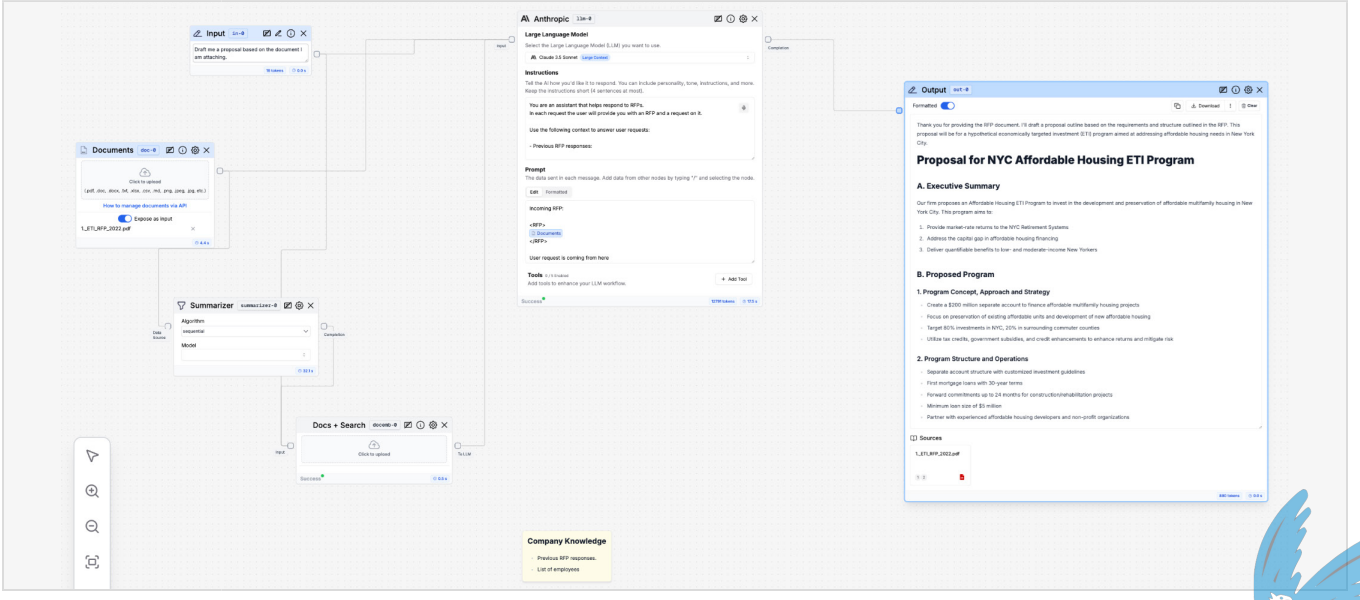


RFP Response Assistant

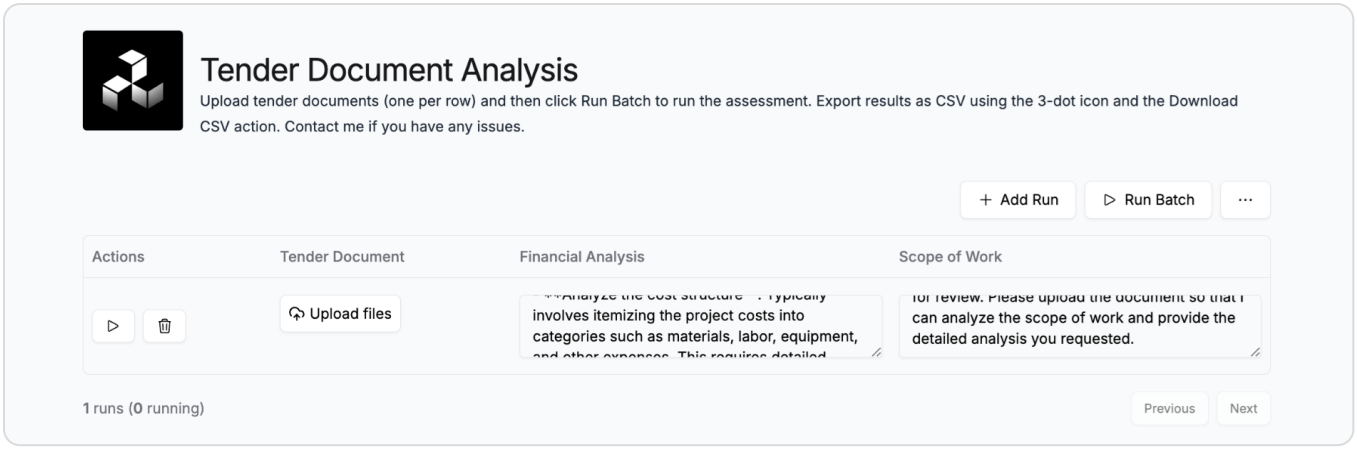


Industry	Operations
Persona	Proposal Team
Problem	Analyzing RFPs, and responding to them, is a very time-consuming task. This limits the number of RFPs a non-profit can respond to.
Solution	The AI agent automatically writes a proposal for the RFP proposal that the user uploads.
User Interface	Chat Assistant
LLM	Anthropic - Claude 3.5 Sonnet
Data Sources	Document upload (RFP), Docs + Search (past RFP responses)
Actions	1. User uploads RFP. 2. The RFP is analyzed by the LLM. 3. The LLM produces a response.
Time to Launch	Easy
Benefits	• Respond to RFPs in 15 minutes as opposed to several hours • Eliminate the need to read dense RFPs; automate the process instead • Respond to more RFPs and land more profitable projects

Agent Workflow

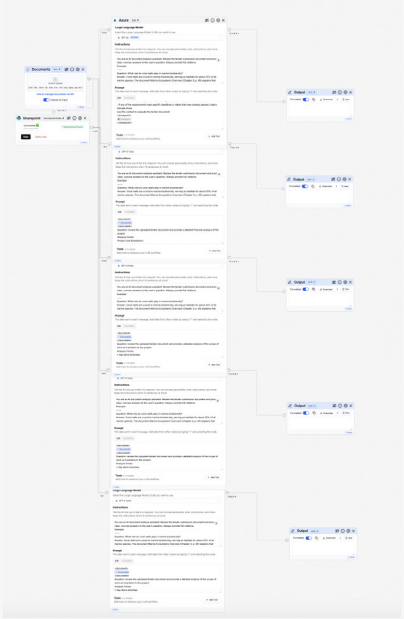


Tender Document Analysis

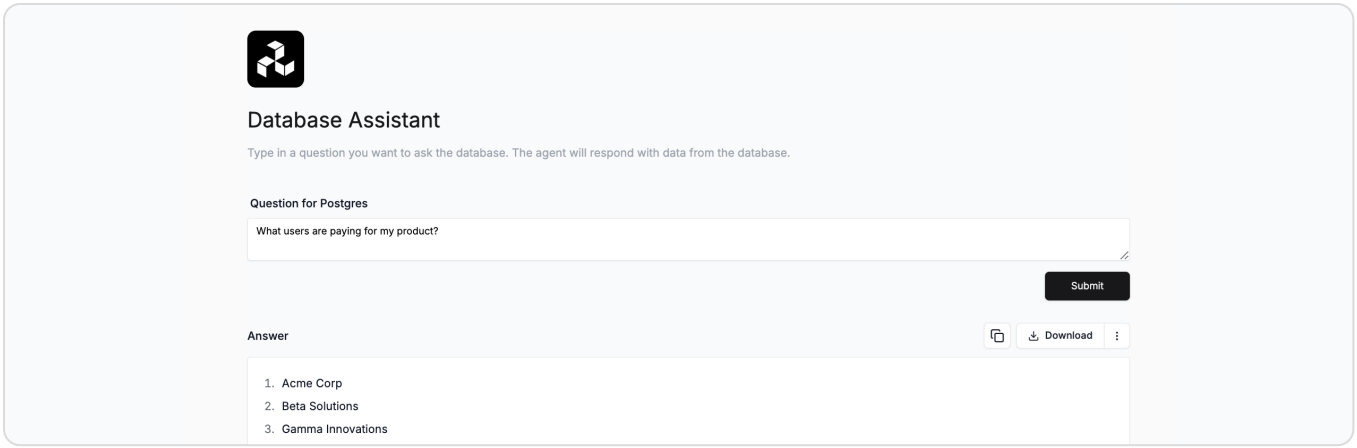


Industry	Operations
Persona	Analyst
Problem	Tender documents are long and complex and it takes time to analyze them for the right information.
Solution	This AI agent analyzes a tender document provided by the user and breaks down the cost and scope of the project.
User Interface	Batch
LLM	Azure GPT-4o / GPT-4o Turbo
Data Sources	File upload (tender document)
Actions	1. Employee uploads a document or several documents. 2. An employee runs the batch. 3. Financial analysis and scope of the works are returned as text.
Time to Launch	Medium
Benefits	• Analyze tender documents 10x faster • Procurement teams can make bids quicker • Project breaks ground sooner

Agent Workflow

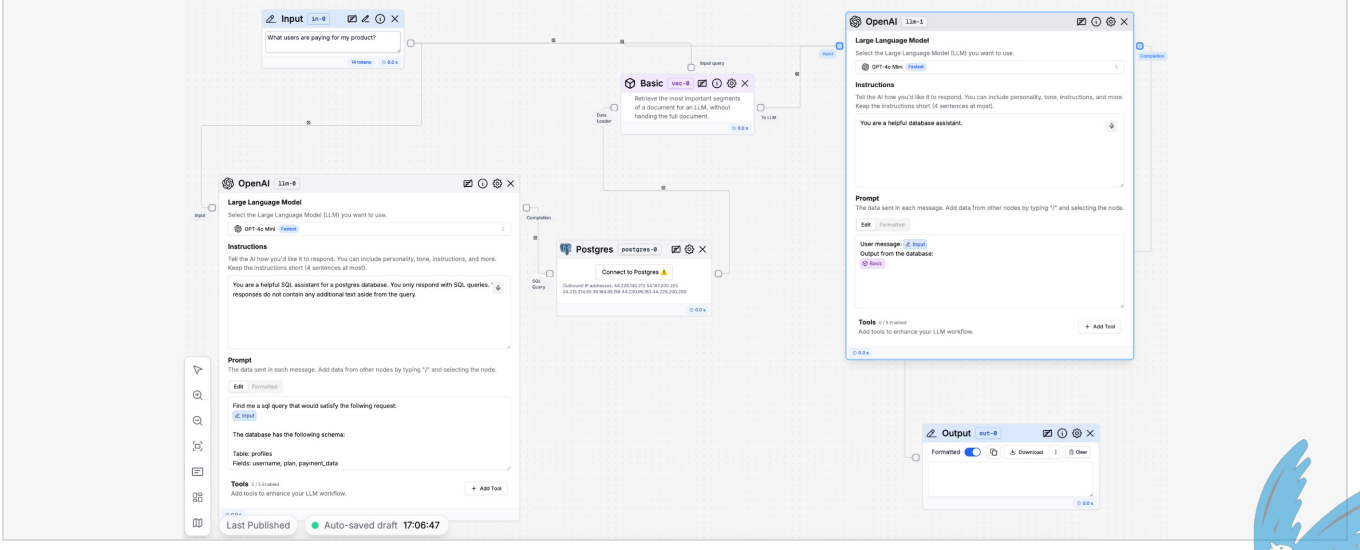


Database Assistant for PostgreSQL



Industry	Operations
Persona	Operations Lead
Problem	Members of the operations team don't know SQL, but need access to operational databases such as Postgres to retrieve critical data.
Solution	This AI agent allows operations team members to extract data from Postgres with natural language prompts rather than SQL.
User Interface	Form
LLM	OpenAI - GPT 4-o Mini
Data Sources	PostgreSQL database
Actions	1. The user enters a text-based prompt. 2. The text is converted into a SQL query. 3. The SQL query is run against the Postgres database. 4. The data resultant from the SQL query is returned to the user.
Time to Launch	Medium
Benefits	▪ Allows operations team members to retrieve operational data from Postgres, which can be used to power business processes ▪ Saves the data team time, since they're focusing on less requests from business users ▪ Allows the operations team to expand their data sources and conduct matters more efficiently

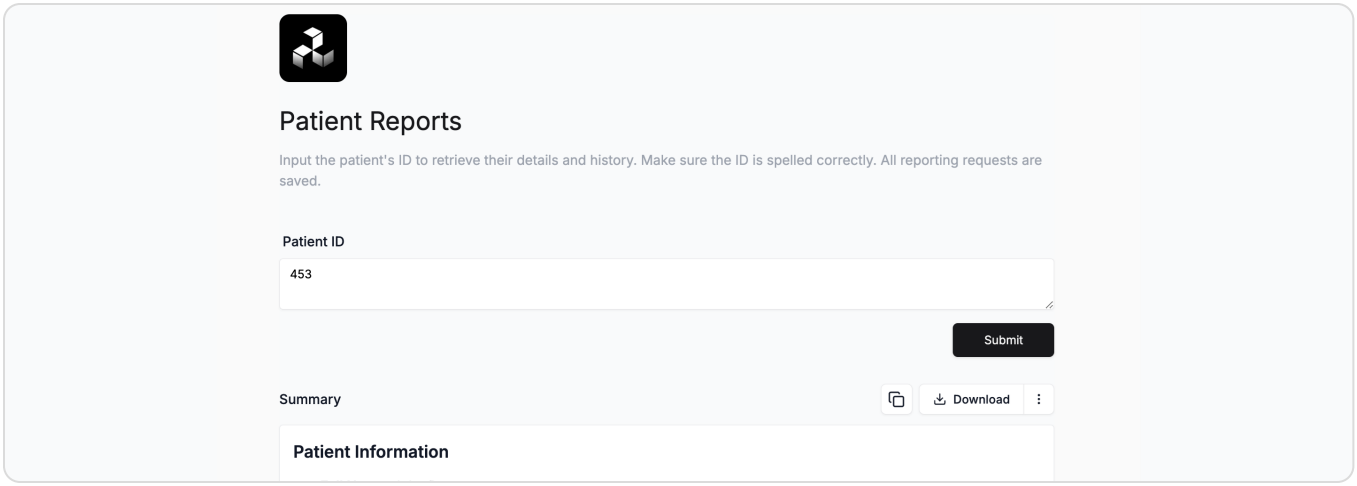
Agent Workflow



Use Cases

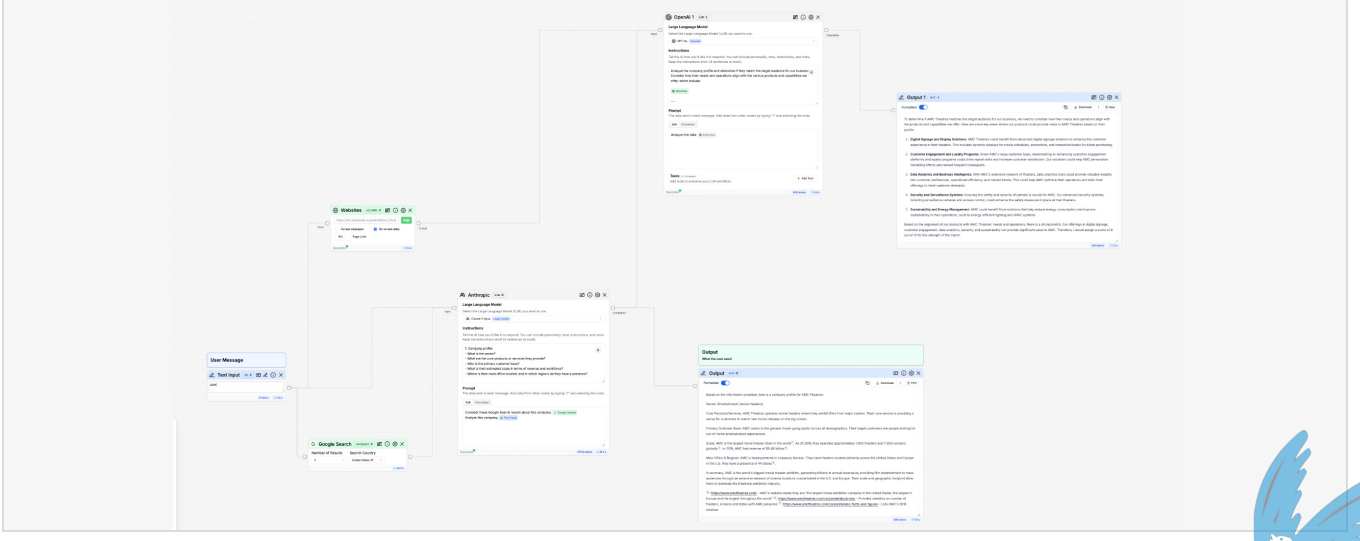
Healthcare

Patient Reports

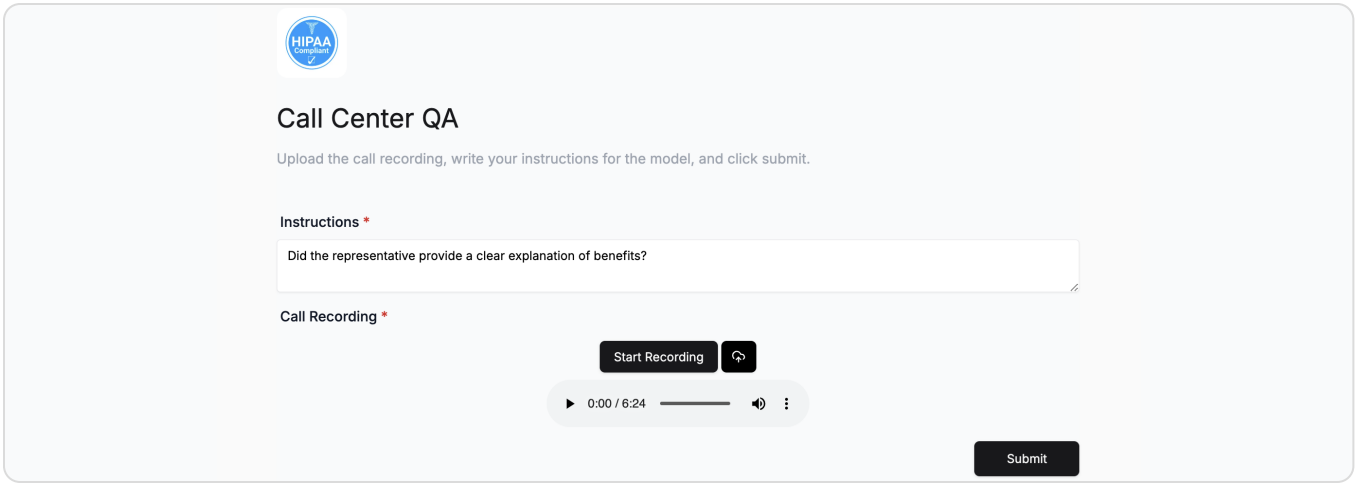


Industry	Healthcare
Persona	Physician
Problem	In a healthcare facility, nurses and other orderlies must rapidly retrieve patient information to assist with intake and treatment.
Solution	This AI agent allows medical professionals to simply type in an ID number to get all of a patient's information, directly from a HIPAA-compliant web app.
User Interface	Form
LLM	Azure - GPT - 4o Mini, Azure GPT-4 Turbo
Data Sources	API
Actions	1. Patient ID is fed to Python code. 2. Python code pings API. 3. Resultant patient information is outputted in JSON. 4. Azure LLM converts the JSON into a readable list.
Time to Launch	Medium
Benefits	• Each hospital staff saves 3.5 hours per month by retrieving patient information with an AI agent • Hospital staff can serve patients faster, improving the patient experience • AI agent is fully HIPAA compliant

Agent Workflow

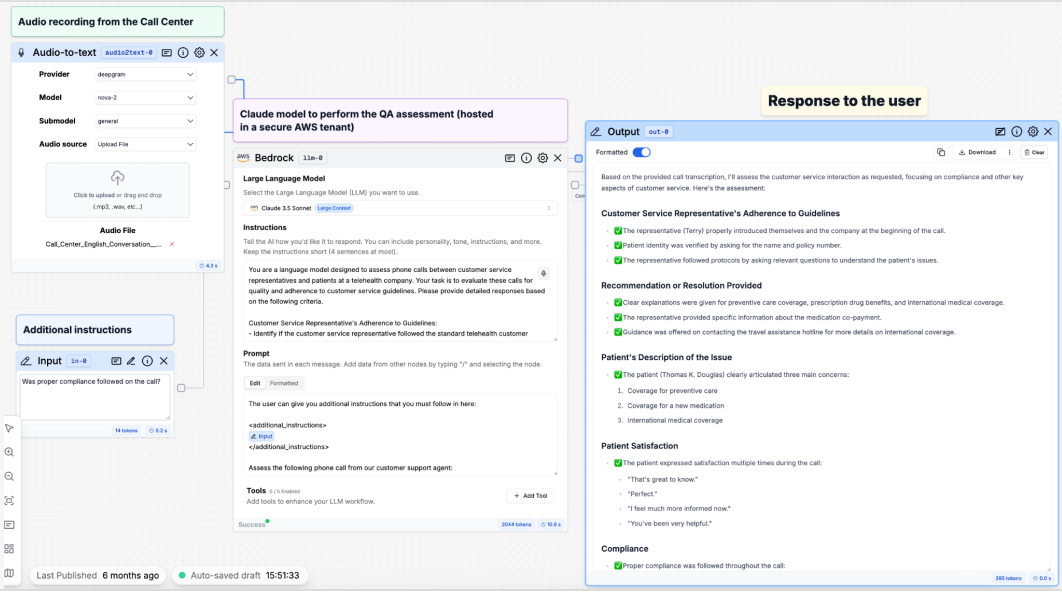


Call Center QA Agent

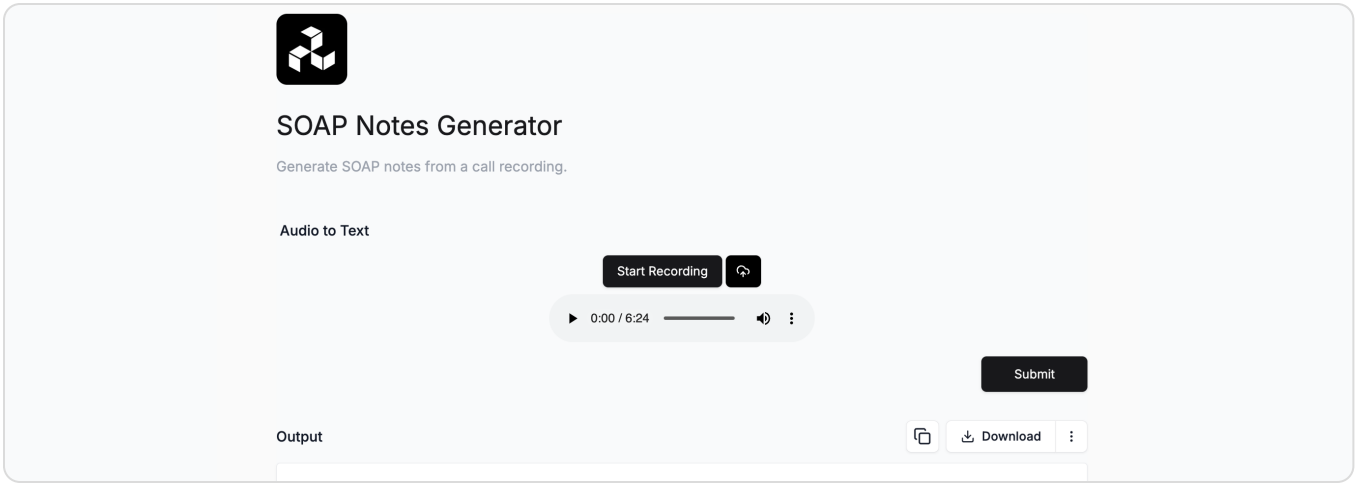


Industry	Healthcare
Persona	Compliance Officer
Problem	Manually listening to customer support calls and identifying compliance issues is very time consuming.
Solution	This AI agent analyzes a call uploaded by the user and creates a report that assesses the customer service representative's adherence to compliance rules.
User Interface	Form
LLM	AWS Bedrock — Claude 3.5 Sonnet
Data Sources	File Upload (Audio-to-text) - Customer Support Call
Actions	1. Compliance officer uploads customer support call as an audio file. 2. The audio file is converted into text and fed into AWS Bedrock. 3. The LLM analyzes the text for compliance and then details its findings in a report.
Time to Launch	Easy
Benefits	• Cut time spent reviewing compliance calls from 100 hours a month to 4 hours a month • Allows compliance officers to focus on more high-functioning analysis • Enables healthcare companies to invest in life-saving medical roles instead of back office

Agent Workflow

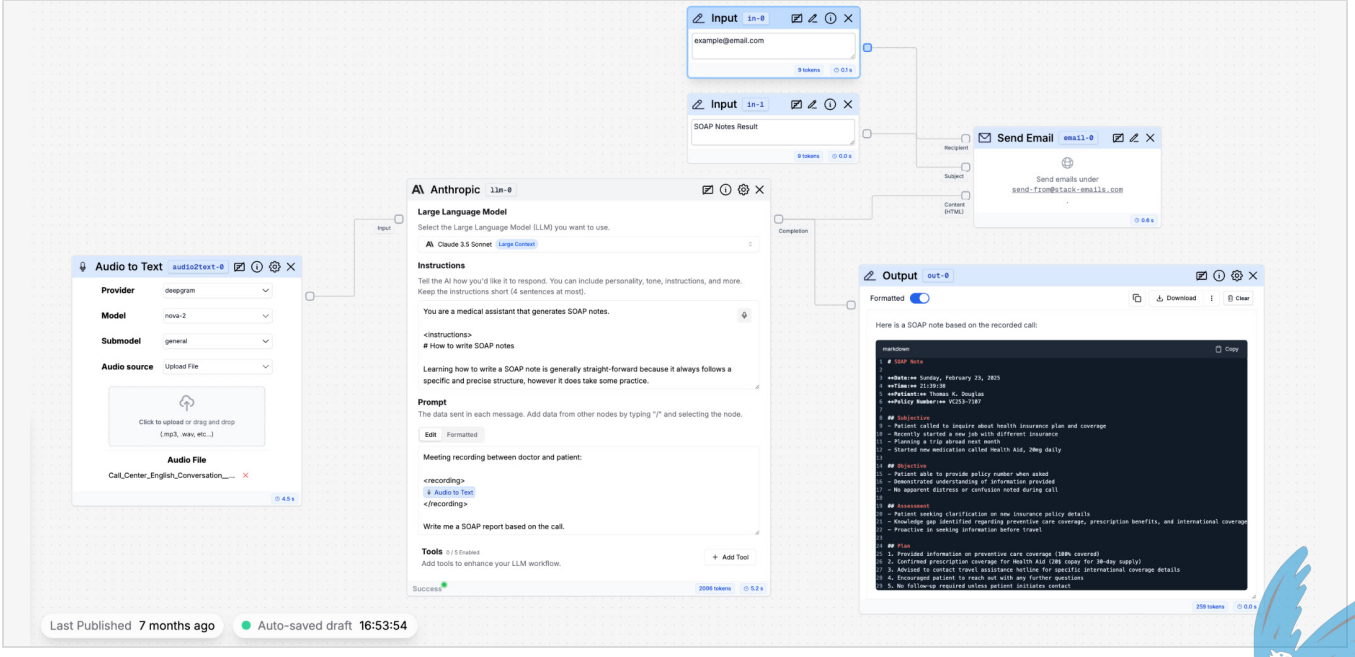


SOAP Notes Generator

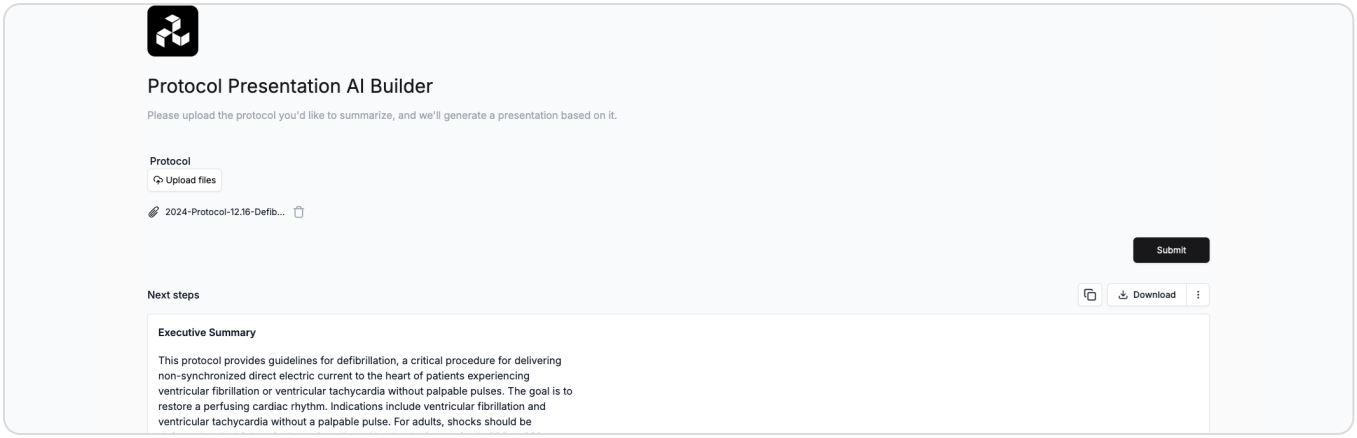


Industry	Healthcare
Persona	Healthcare Professional
Problem	Generating SOAP notes from phone calls is a time-consuming process.
Solution	The AI agent automatically writes SOAP notes based on a call recording.
User Interface	Form
LLM	Anthropic - Claude 3.5 Sonnet
Data Sources	Document upload (RFP), Docs + Search (past RFP responses)
Actions	1. User uploads call recording. 2. LLM summarizes a call as SOAP notes.
Time to Launch	Easy
Benefits	• Automatically transcribe SOAP notes instead of manually recording them from phone calls • Develop an archive of SOAP notes for physicians and other healthcare professionals • Save medical professionals time and allow them to focus on more valuable tasks

Agent Workflow

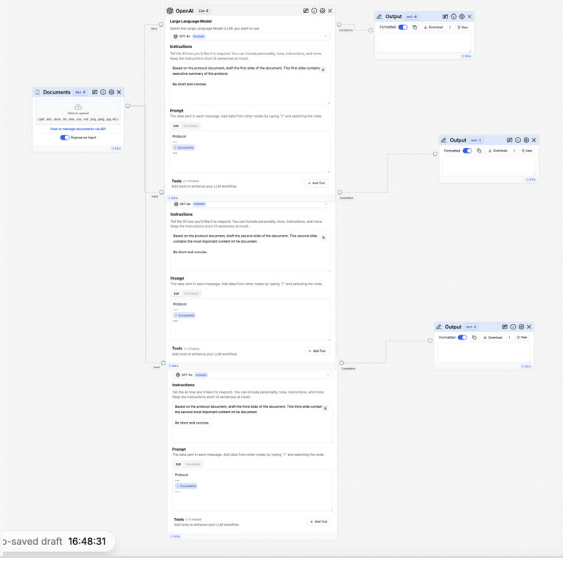


Protocol Summarizer

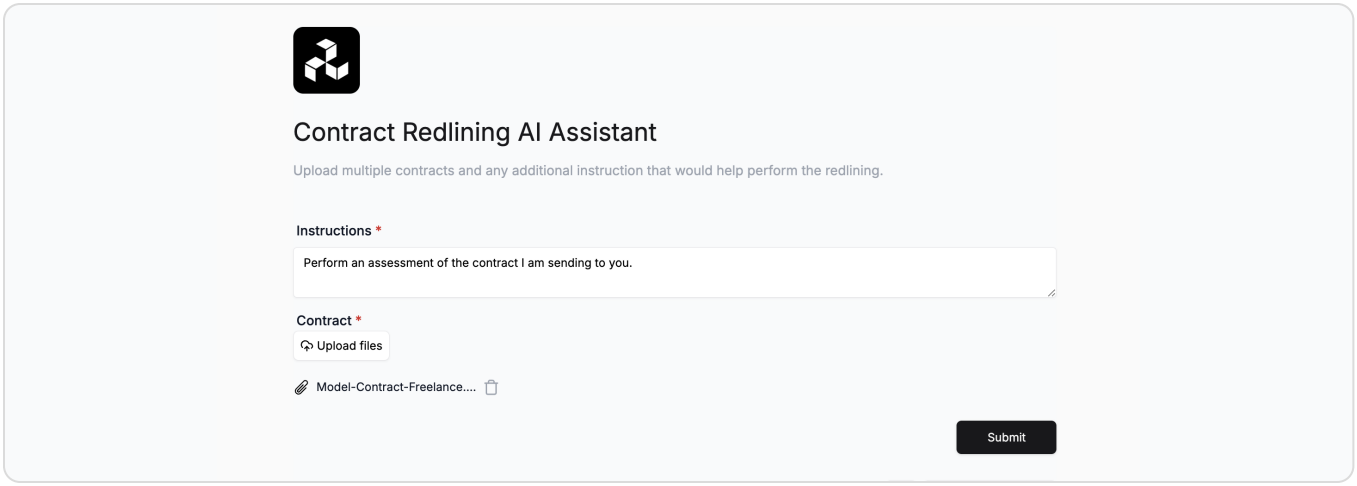


Industry	Healthcare
Persona	Physician
Problem	Analyzing and summarizing medical protocols takes too much time, and can require expert knowledge.
Solution	This AI agent summarizes protocols in slides so medical professionals can easily ascertain them.
User Interface	Form
LLM	OpenAI - GPT-4o
Data Sources	File upload
Actions	1. The user uploads a file containing protocol information. 2. The file is inputted into three different OpenAI GPT-4o LLMs. 3. The LLMs offer three outputs: a. #1 provides a slide featuring an executive summary of the protocol. b. #2 outputs a slide containing the most important content in the protocol document. c. #3 contains the second most important content in the protocol document.
Time to Launch	Easy
Benefits	• Greatly reduces the amount of time medical professionals spend studying protocol documents • Allows medical professionals to focus on life-saving care rather than document analysis • Reduces confusion around medical protocols and can potentially augment quality of care

Agent Workflow

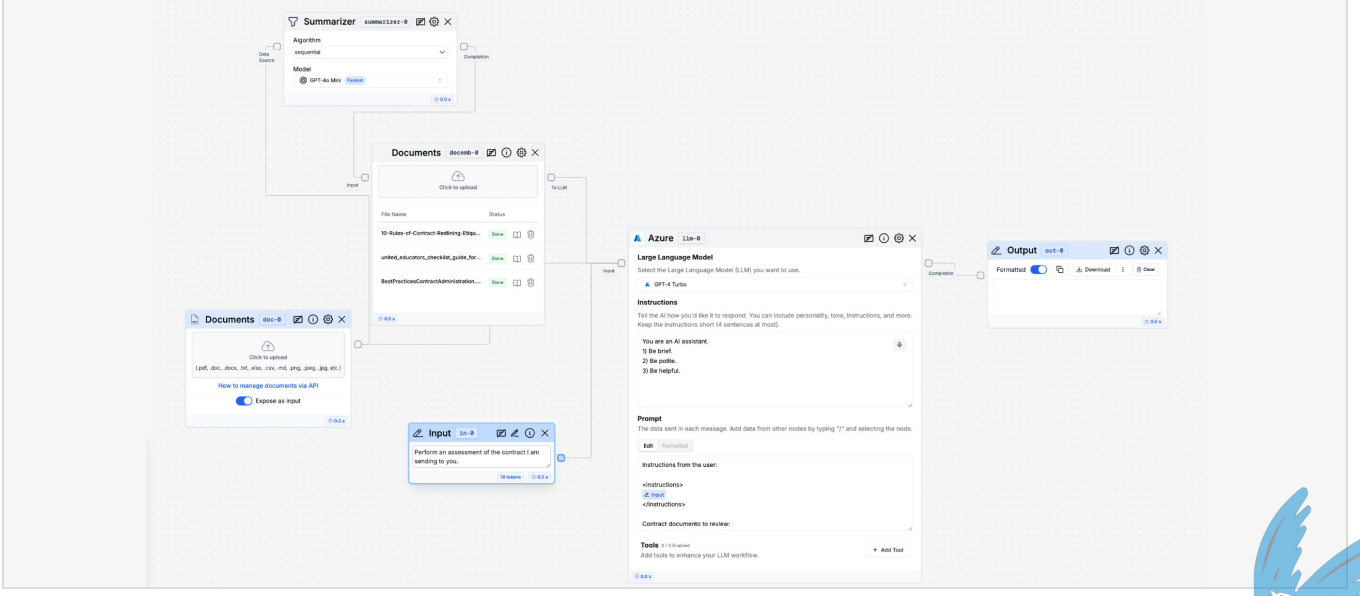


Contract Redlining



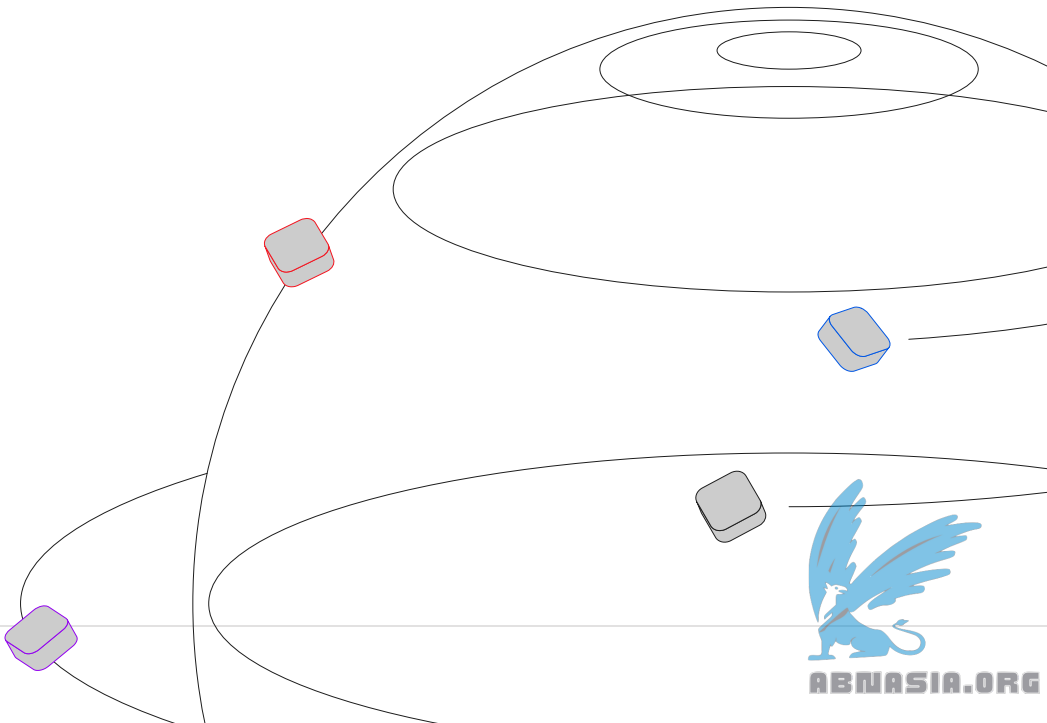
Industry	Healthcare
Persona	Logistics
Problem	Reviewing and marking up a contract with proposed changes is tedious, time-consuming, and sometimes requires specialized knowledge.
Solution	The AI agent analyzes a contract and proposes redlines and other changes.
User Interface	Form
LLM	Anthropic - Claude 3.5 Sonnet
Data Sources	Document upload (RFP), Docs + Search (past RFP responses)
Actions	1. User uploads contract. 2. The contract is analyzed by the LLM. 3. The LLM produces proposed changes
Time to Launch	Easy
Benefits	• Reduces time for contact redlining from hours to minutes • Automates complex process of analyzing and auditing contracts • Allows teams to supplement contracting with AI-driven insights

Agent Workflow

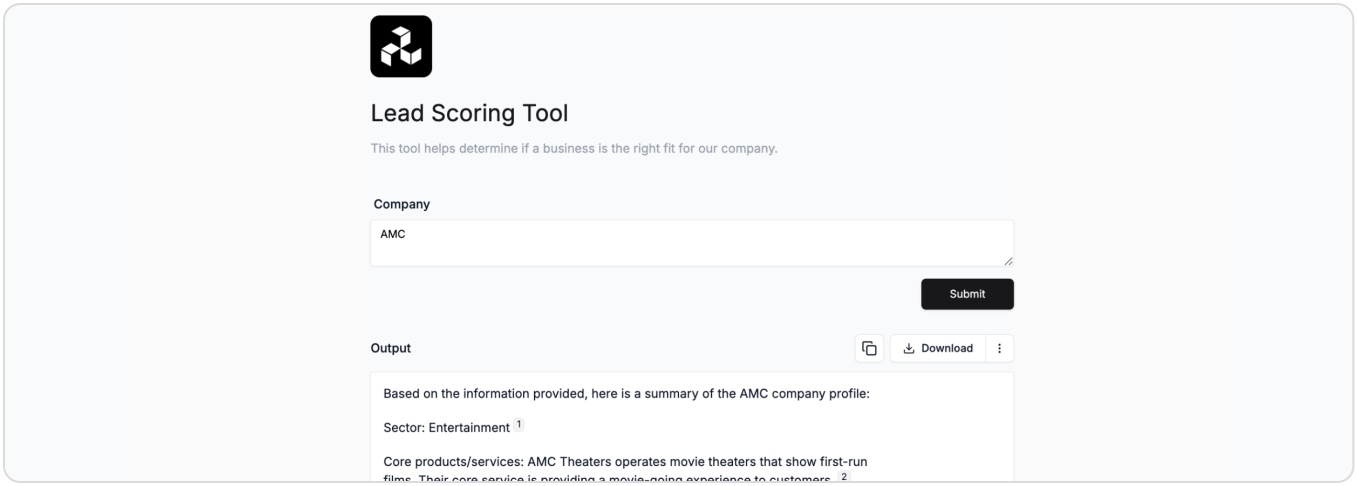


Use Cases

Sales & Marketing

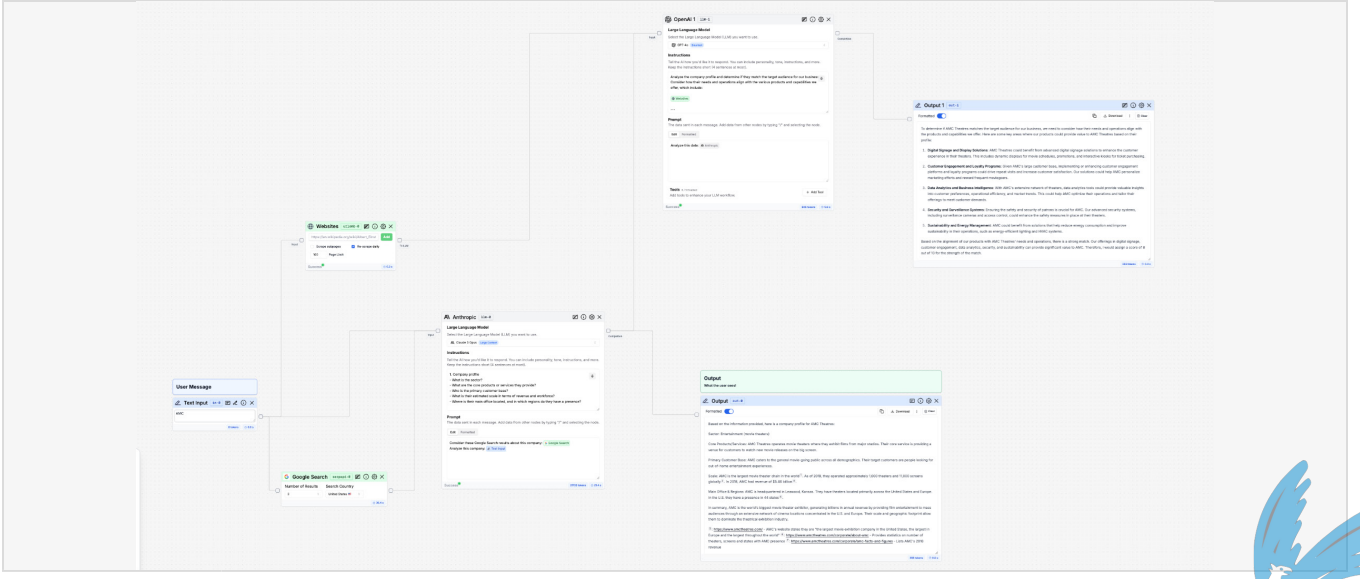


Lead Scoring Agent

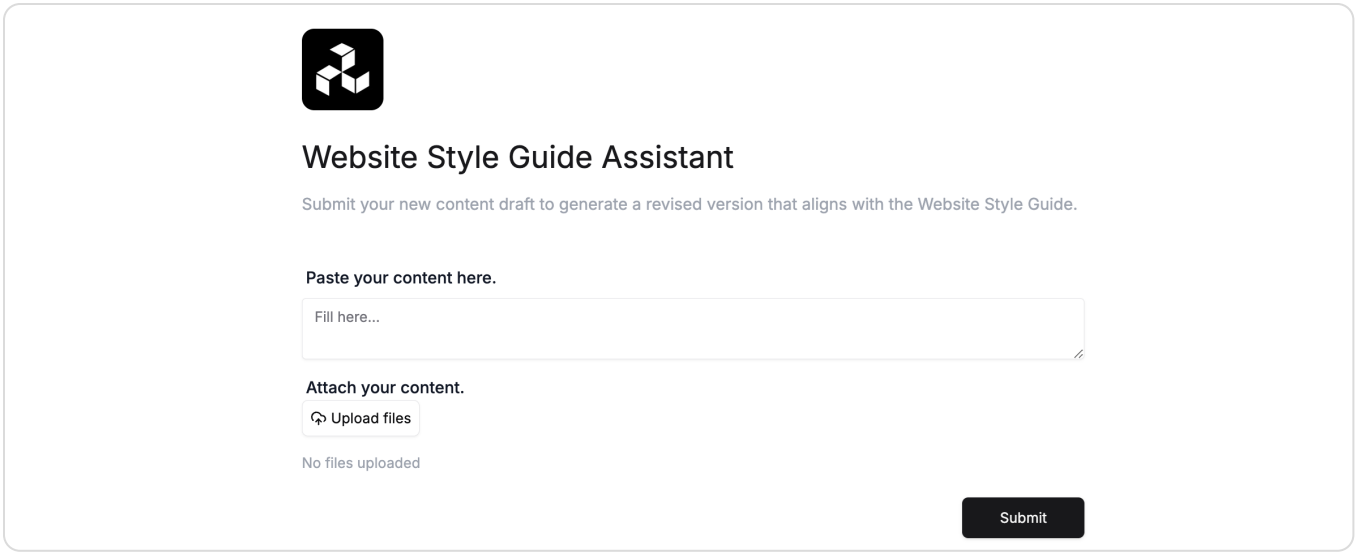


Industry	Sales & Marketing
Persona	Salesperson
Problem	The sales team must score leads to decide which ones to pursue, but this is a resource and time intensive process.
Solution	The AI agent collates information on a specific company and turns it into a lead scoring report.
User Interface	Form
LLM	Claude 3 Opus, Open AI — GPT-4o
Data Sources	Web search (for company), Websites (for company)
Actions	1. User searches for a company. 2. Google search occurs. 3. Website searches. 4. LLM uses the data to assess the viability of the sales lead.
Time to Launch	Medium
Benefits	• Reduce the time it takes to score a lead from 45 minutes to 1 minute • The sales team can focus more on selling, and less on mundane tasks • Concentrate on the most profitable deals, leading to more closed won opportunities

Agent Workflow

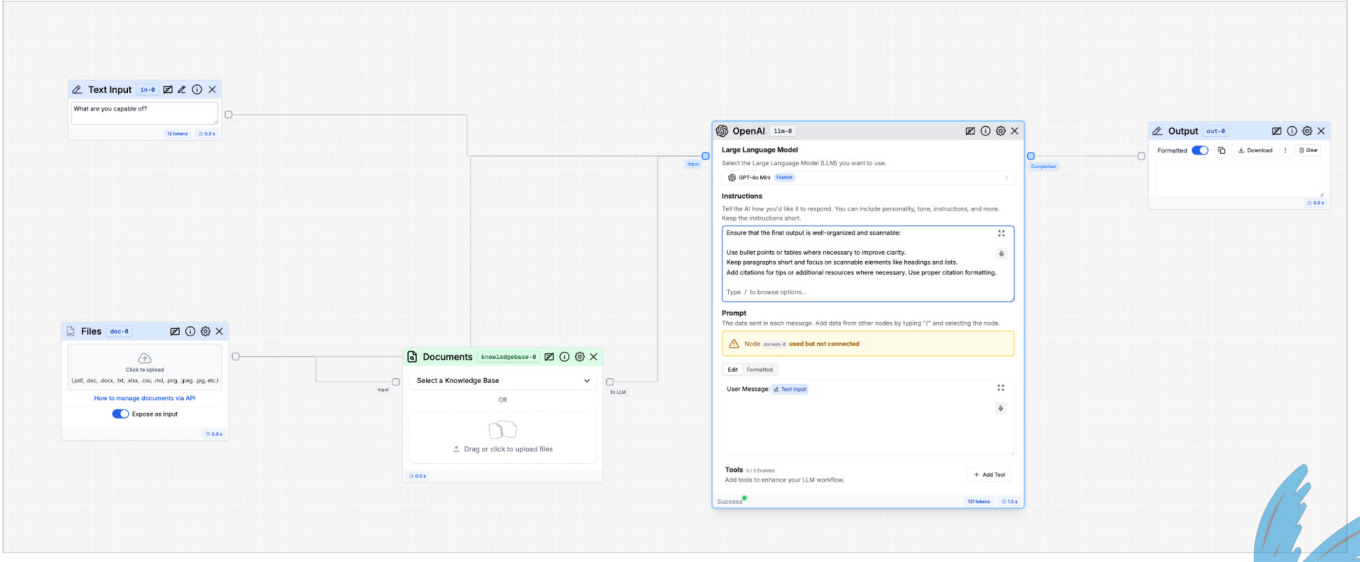


AI Writing Assistant

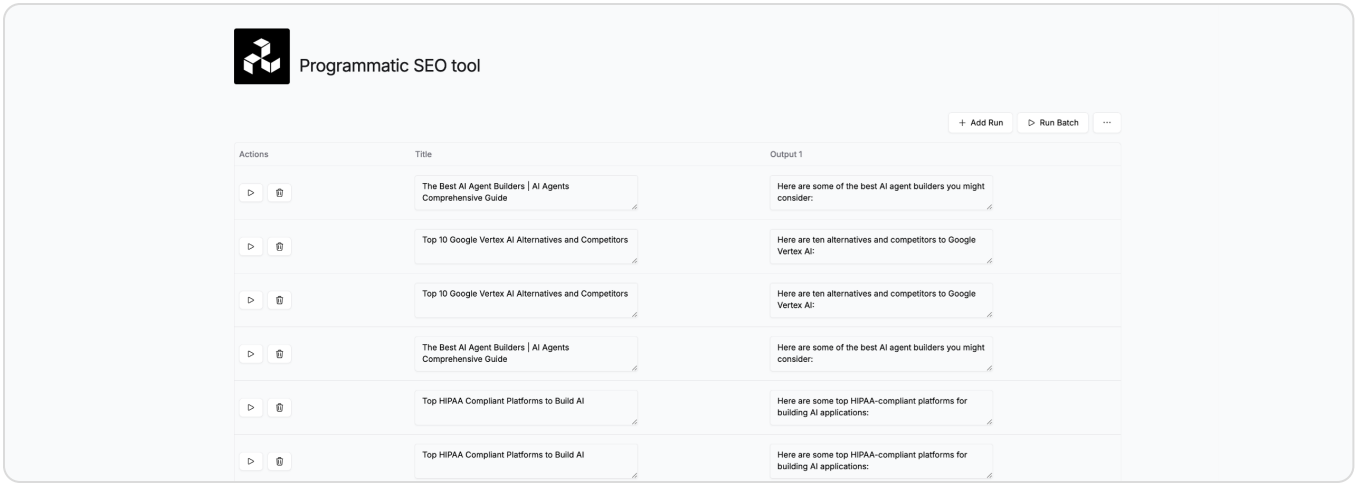


Industry	Sales and Marketing
Persona	Content Manager
Problem	Getting all writing produced by a team to conform to Style Guidelines is time-consuming.
Solution	The AI agents take a piece of writing that the user uploads and makes/tracks suggested edits to conform with Style Guide.
User Interface	Form
LLM	Open AI - GPT-4o
Data Sources	User input (copy/paste content), file upload (upload content as a file), Source file (Style Guide)
Actions	1. User uploads content they want the agent to edit. 2. The LLM cross-references this content with the Style Guide and suggests edits.
Time to Launch	Easy
Benefits	• Cut time spent reviewing compliance calls from 100 hours a month to 4 hours a month • Allows compliance officers to focus on more high-functioning analysis • Enables healthcare companies to invest in life-saving medical roles instead of back office

Agent Workflow

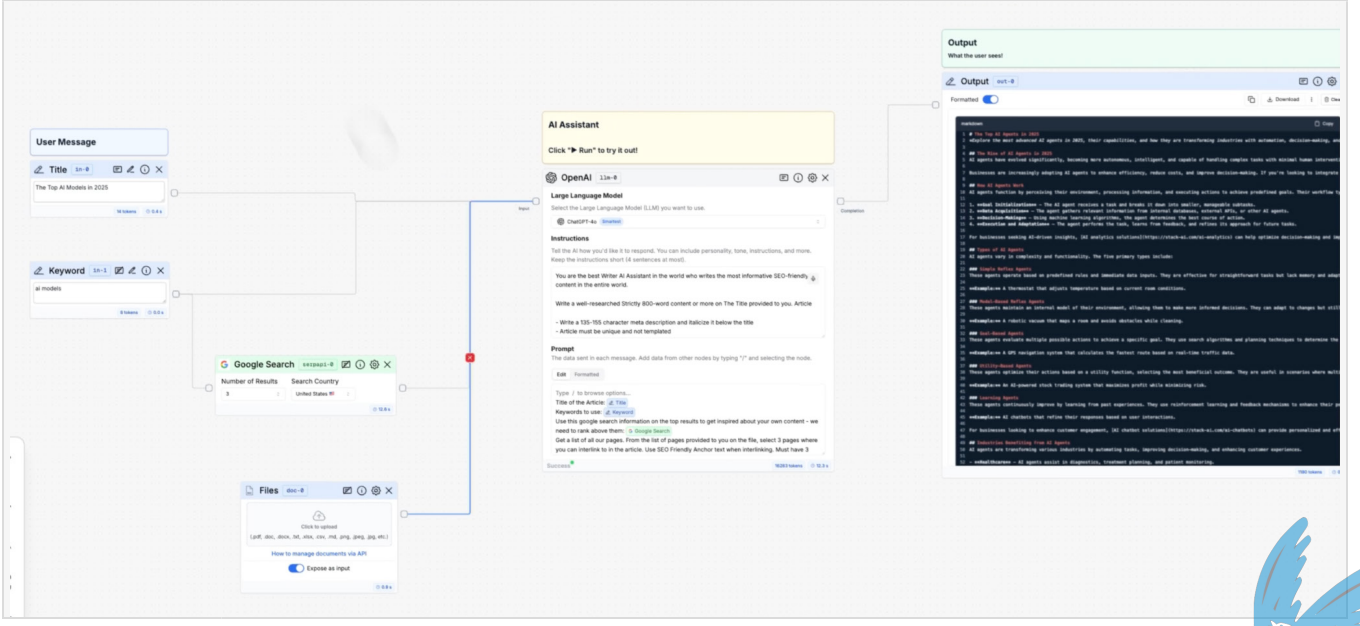


Programmatic SEO Tool

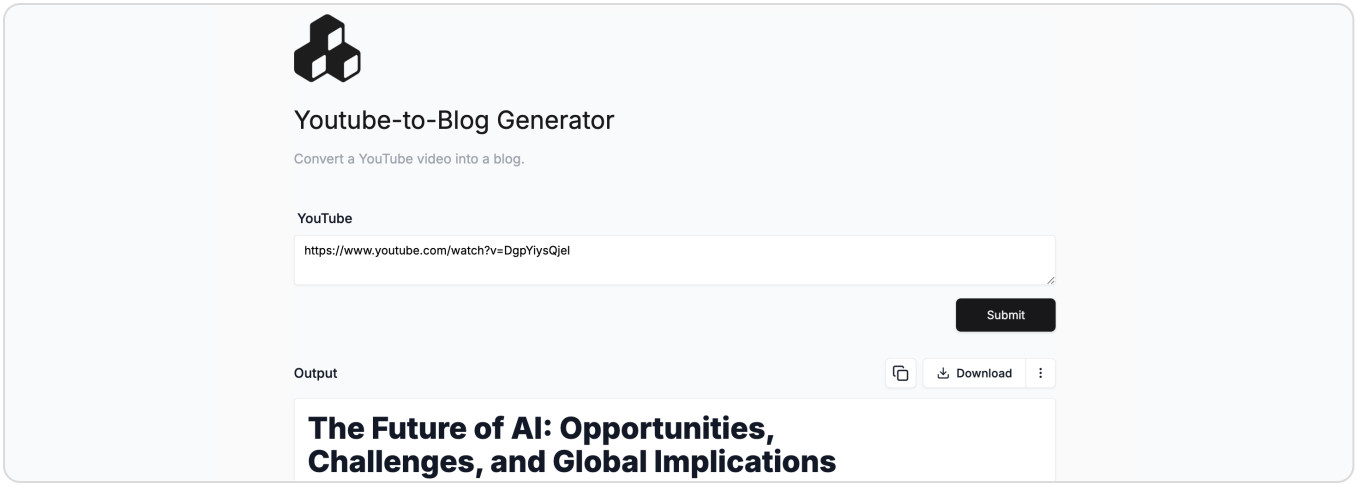


Industry	Sales & Marketing
Persona	SEO Strategists
Problem	Producing SEO-focused content is time-consuming and costly.
Solution	The AI agent automatically produces blogs and meta descriptions based on title and keyword that the user provides.
User Interface	Batch
LLM	OpenAI — ChatGPT 4o, GPT-4o mini
Data Sources	Web search, file upload
Actions	1. User uploads Title/Keyword pairs via CSV. 2. Batch run generates blog articles and meta descriptions.
Time to Launch	Easy
Benefits	• Automatically write hundreds of blog posts all at once • Adhere to SEO best-practices in all of your content • Launch thousands of pages simultaneously to supercharge SEO gains

Agent Workflow

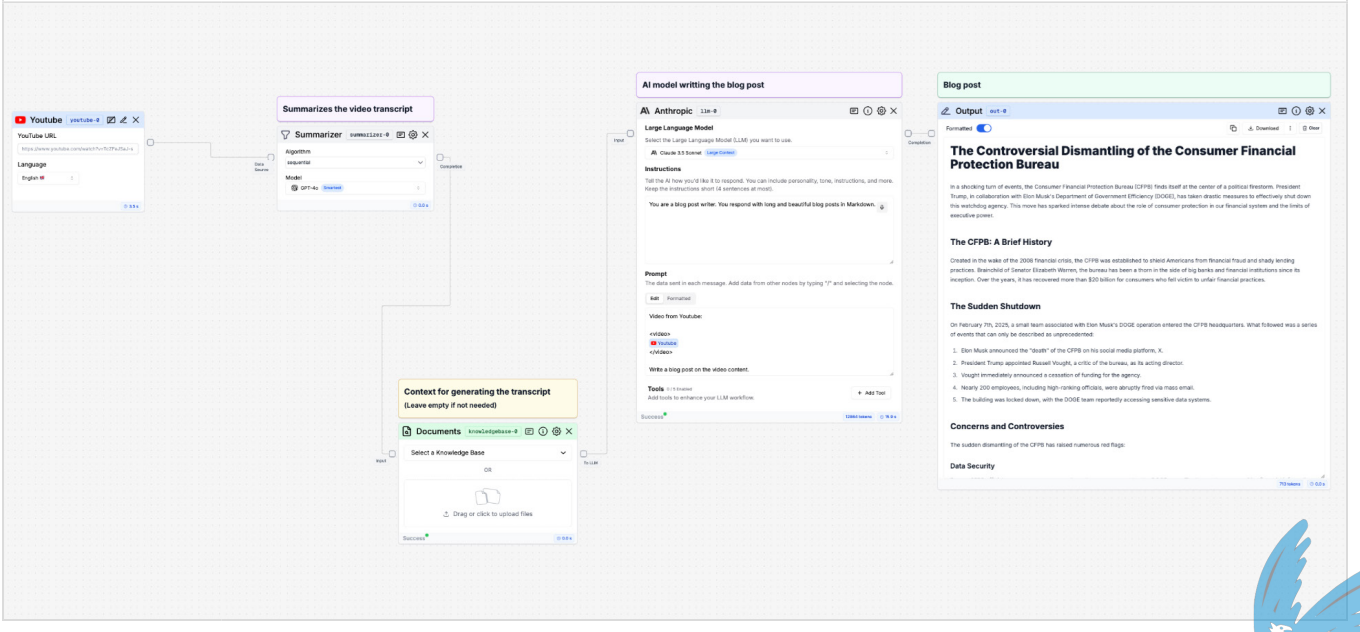


Video to Blog Post Generator

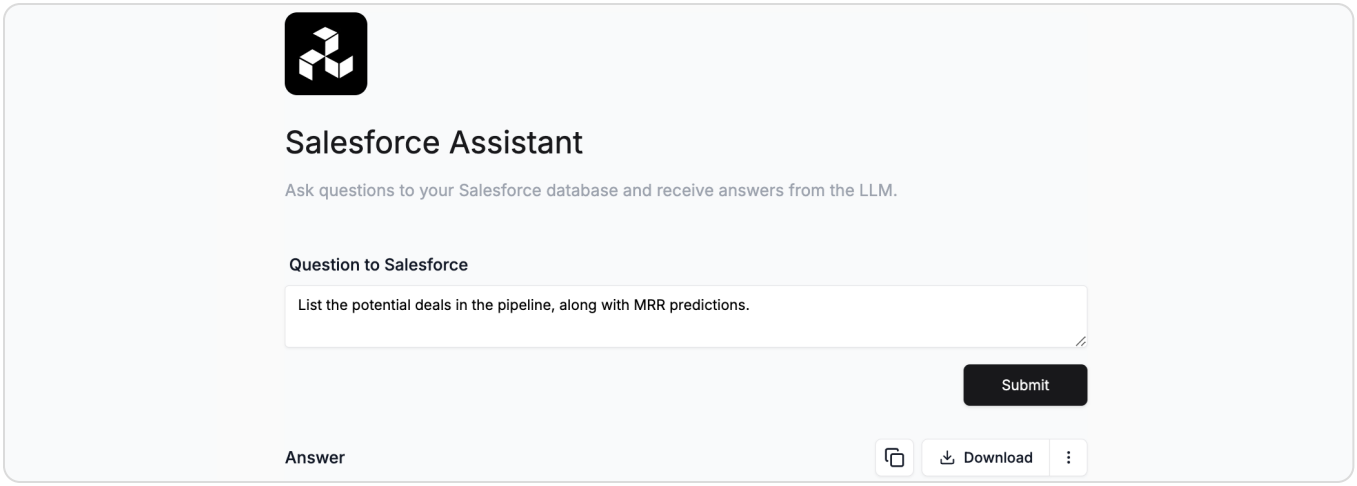


Industry	Sales & Marketing
Persona	Marketing Manager
Problem	Converting YouTube videos into written blogs is valuable but time consuming.
Solution	The AI agent asks the user to upload a YouTube URL and converts the video into a blog post.
User Interface	Form
LLM	Anthropic - Large Language Model - Claude Sonnet 3.5
Data Sources	YouTube URL
Actions	1. User uploads a YouTube URL. 2. URL is summarized by the summarizer. 3. The large language model generates a blog post based on the summarization.
Time to Launch	Easy
Benefits	• Convert blog post into video without requiring any manual work • Generate many different blogs very quickly as opposed to waiting weeks or months • Allow content team to focus on more valuable projects

Agent Workflow

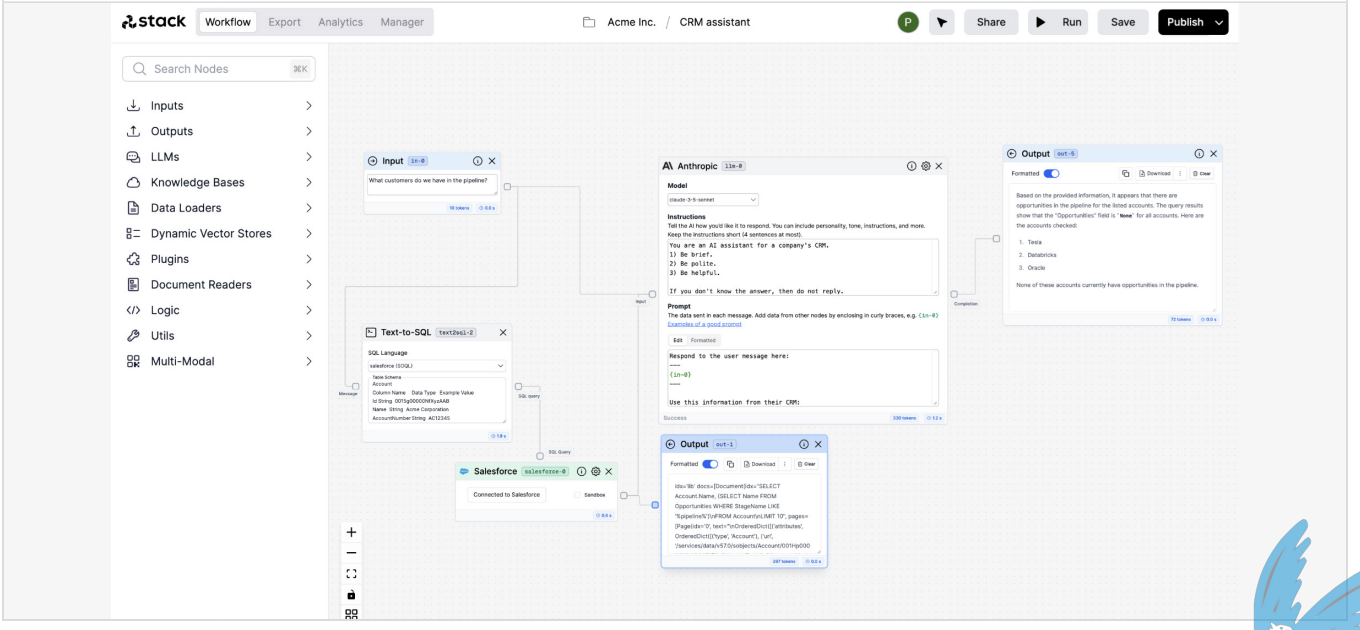


Salesforce Assistant

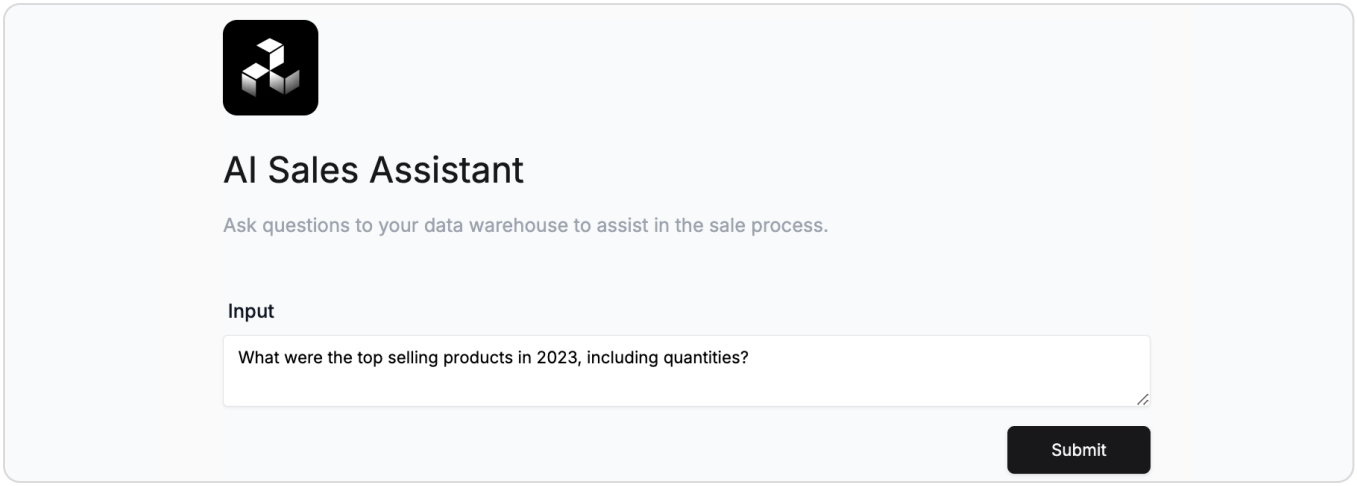


Industry	Sales & Marketing
Persona	Account Executive
Problem	Finding critical data in a CRM such as Salesforce can take time and require specified knowledge.
Solution	The AI agent allows users to search Salesforce CRM using natural language prompts.
User Interface	Form
LLM	Anthropic - Claude 3.5 Sonnet
Data Sources	Salesforce
Actions	1. User types in search query for Salesforce. 2. Text is converted into SOQL query. 3. SOQL query is run against Salesforce. The LLM returns the output.
Time to Launch	Medium
Benefits	• Find Salesforce data without searching throughout the CRM • Use natural language to generate Salesforce SOQL queries • Allow those with little Salesforce familiarity to access and retrieve data from the platform

Agent Workflow

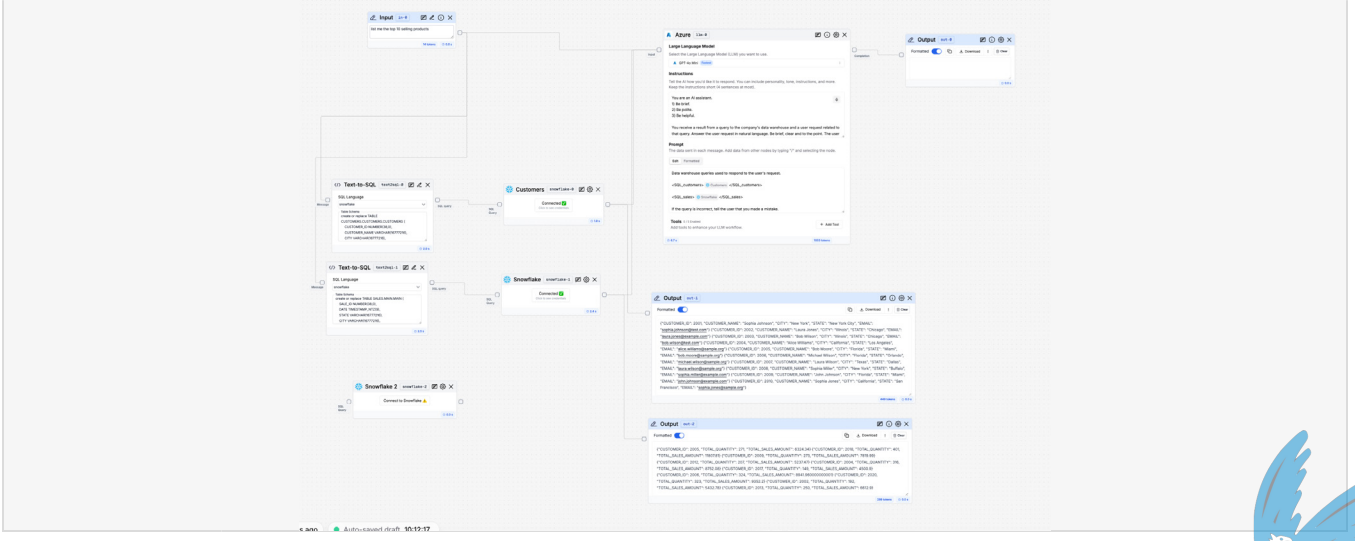


AI Sales Assistant for Snowflake



Industry	Sales & Marketing
Persona	SalesOps
Problem	SalesOps users need to access important sales data in Snowflake, but they don't know how to code in SQL.
Solution	This AI agent allows SalesOps users to extract sales data from Snowflake using plain language instead of SQL.
User Interface	Form
LLM	Azure - GPT 4-o mini
Data Sources	Snowflake
Actions	1. The user enters a text-based prompt. 2. The text is converted into a SQL query. 3. The SQL query is run against the Snowflake data warehouse. 4. The data resultant from the SQL query is returned to the user.
Time to Launch	Medium
Benefits	• Allows non-coders on business teams such as sales and marketing to leverage crucial databases • Saves the data team time, since they're focusing on less requests from business users • Makes sellers and marketers more effective at attracting and converting customers

Agent Workflow



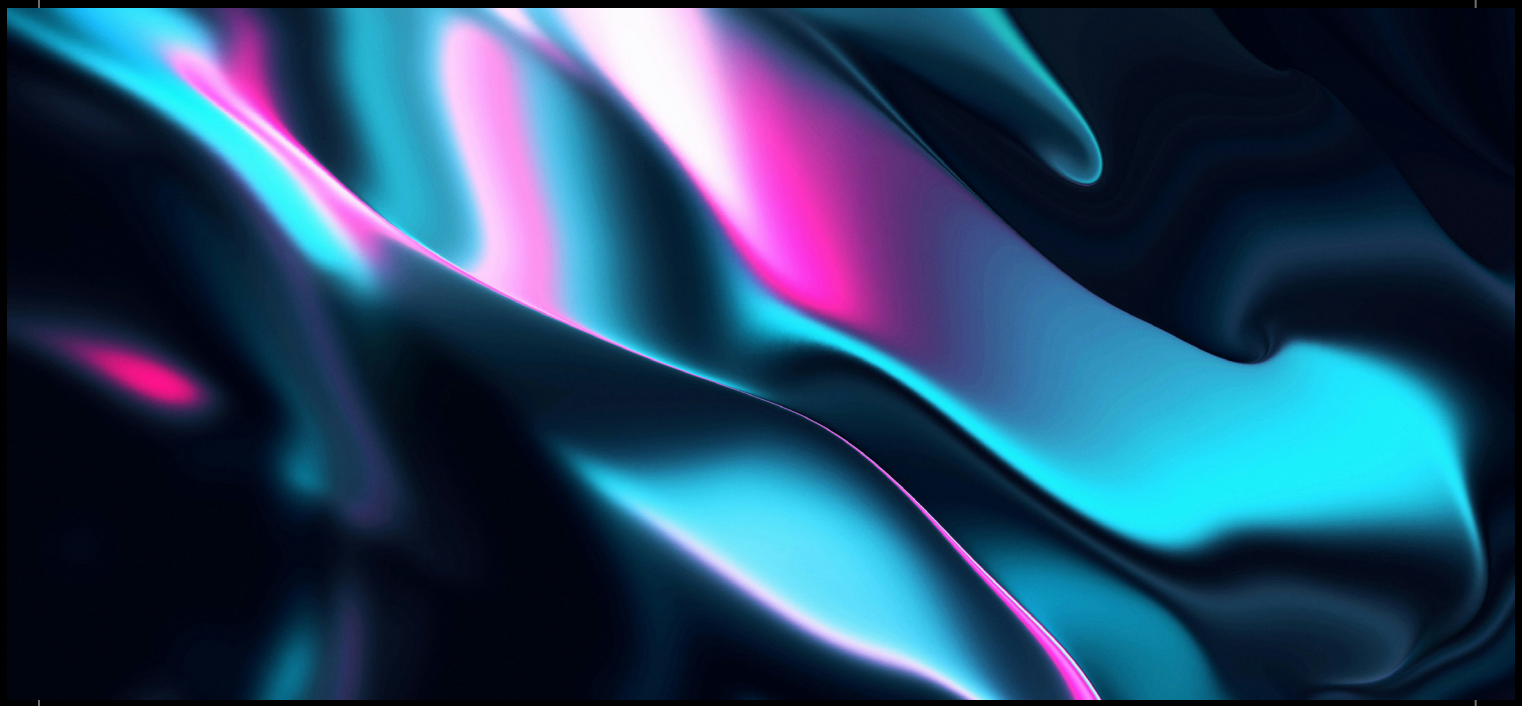
AI Agents

The Use Cases Never End

The AI agents we highlighted in this white paper perform complex jobs in a variety of industries. We hope you'll use our list of top 25 use cases to build AI agents that solve common challenges in your own sector.

But these are only a sliver of the possible use cases. As more teams adopt AI builder tools, AI agents will emerge for thousands of other use cases, and we'll be here to document them as we encounter them.

Follow us on our blog to read about new use cases on a weekly basis. And get started with Stack AI for free now to start building AI agents with a no-code interface.



Stack AI