

AI Agents for Building Workflows

Client

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Background

The Data Intelligence department at Kinective develops enterprise level resource management and business intelligence tools in the cloud. Our customers use Kinective to integrate many data sources into a single place, where they can visualize and analyze their data. Kinective's platform includes a built-in AI agent framework that allows users to interact with their data through natural language and automated workflows.

Project Goals and Requirements:

You will develop AI agents within our system that help users build and manage workflows. These agents will understand user intent through natural language, interact with the system's data and configuration tools, and automate repetitive tasks involved in setting up workflows and data pipelines.

Suggested team size and location:

3-4 students. Work can be done from CSM campus or elsewhere (connecting to our remote dev environment) or at our offices in Golden, CO.

Skills/Experience for CSM Students:

You will learn how to build AI-powered tools for web applications. Skills will include:

- Javascript, HTML, CSS, PHP: the majority of the project will be programmed using Javascript and PHP, with some HTML and CSS for the agent UI panels.
- LLM integration: working with large language model APIs to power agent conversations and decision-making.
- MCP Tools: building the bridge between AI agents and our system using the already built machinery to wire MCP tools to the agents you build

Note: All intellectual property developed as part of this project will be owned by Kinective