

Integration AI Agent tool for Data Warehouse

Client

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Background

Kinective offers a modernized data warehouse platform for banks and credit unions. Our customers use the platform to integrate many data sources into a single place, where they can visualize and analyze their data within this platform.

Project Goals and Requirements:

You will develop a new AI agent that will guide users through the process of connecting to an External API, Uploading Batch Extract Files, and Making Direct Database connections, as well as re-vamping and updating the UI for all the existing integration tools.

We will also be working on testing and improving the prompting for AI agents to make the experience for clients as streamlined as possible.

Suggested Team size and Location

4-5 students. Work can be done from CSM campus or elsewhere (connecting to our remote dev environment) or at our office in the Golden Area.

Skills/Experience for CSM Students:

You will learn how to build user interfaces for web applications. Skills will include:

- Javascript, the majority of the project will be programmed using Javascript, with some HTML and CSS for developing the AI agent UI.
- Experience in MySQL and other database flavors for uploading and data pipelines.
- PHP backend, most of our infrastructure is PHP.
- Leveraging LLM models such as Claude, OpenAI, and llama.

Note: All intellectual property developed as part of this project will be owned by Datava, Inc.