

Report and Table Visualization / Analytics AI Agents

Inquiries for ***full-time positions*** are always welcome, even for students who do not work on this project.

Client

Jackson Heuvel, [Kinective](#), jackson.heuvel@kinective.io

Background

Kinective DI (Data Intelligence) develops enterprise level resource management and business intelligence tools in the cloud. Our customers use Kinective DI to integrate many data sources into a single place, where they can visualize and analyze their data.

Project Goals and Requirements:

This project focuses on developing and improving LLM-based agents that enhance the creation, analysis, and presentation of visual data reports. You will design agents that leverage multiple LLM backends to generate and refine outputs such as data reports, tables, charts, and interactive visualizations. The project emphasizes improving accuracy, interpretability, and usability in transforming complex data into clear, actionable insights. You will build new MCP (Model Context Protocol) tools to extend agent capabilities, including components for data processing, visualization generation, and evaluation.

Suggested Team Size and Location:

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

Skills/Experience for CSM Students:

You will learn how to build enterprise-level LLM agents and user interfaces for web applications. Skills will include:

- Javascript, HTML, CSS, PHP, SQL
- Utilizing all of the above to develop new MCP tools for agents
- Data visualization and aggregation

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