Hal9 Helps **Greenny** Compute Carbon Credits with AI

- **Developed an AI-powered carbon credit computation demo in just two weeks**
- **Enabled Greenny to rapidly demo to customers and investors, accelerating startup growth**
- **Provided a scalable, customizable solution for environmental impact measurement**

"Hal9's platform was a game-changer for Greenny. We started showcasing our AI-powered carbon service in just two weeks"

Antonio Anguiano, Founder @ Greenny

Customer

Greenny, a forward-thinking startup, is dedicated to revolutionizing carbon credit markets through innovative technology. Focused on enabling businesses to measure and offset their environmental impact, Greenny leverages AI to streamline carbon credit calculations, making sustainability accessible and efficient for organizations worldwide.

Challenge

As a new player in the sustainability sector, Greenny needed to quickly develop a robust AI solution to compute carbon credits accurately and transparently. The challenge was to create a functional prototype in a short timeframe that could impress customers and attract investors, all while ensuring the system was scalable and customizable to handle diverse datasets and regulatory requirements. Traditional development approaches were too slow to meet Greenny's ambitious timeline for market entry.

Solution

Hal9's team collaborated with Greenny to deliver a high-impact AI solution using the Hal9 Platform, purpose-built for rapid generative AI and data analytics development.

Leveraging Hal9's Python-based, customizable workflows, the team built an AI-powered system to process environmental data and compute carbon credits in just two weeks.

Key aspects of the solution included:
- Rapid prototyping with Hal9's Streamlit applications to create an interactive interface for carbon credit calculations.
- Integration of Greenny's curated datasets, including emissions and offset data, to train a proprietary AI model tailored to carbon credit standards.
- Deployment of the solution as a cloud-based API, enabling easy integration into Greenny's customer-facing tools and investor demos.

Greenny's team provided domain expertise in carbon markets, refining the dataset and validating the AI model's outputs. Hal9's guided workflows and Python code generation allowed Greenny to customize the solution without deep technical expertise, ensuring flexibility for future enhancements. The entire process, from concept to demo-ready product, was completed in record time, leveraging Hal9's infrastructure for scalability and security.

Results

Greenny's AI-powered carbon credit system, built with Hal9, was ready for customer and investor demos within two weeks, marking the fastest development cycle in the startup's history. The solution impressed stakeholders with its accuracy, ease of use, and potential for scalability, positioning Greenny as an innovator in the carbon credit market. The Streamlit-based interface enabled interactive demonstrations, while the cloud-deployed API ensured seamless integration into Greenny's broader platform. This rapid development gave Greenny a competitive edge, accelerating fundraising and customer acquisition.

About Hal9

Hal9's mission is to make "Artificial Intelligence Accessible to Everyone", as we believe AI desperately needs to become more accessible for people worldwide to benefit from this new technology. We have a skilled team of engineers, data scientists, and designers working on this effort. Hal9 partnered with the Allen Institute for Artificial Intelligence incubator in 2022.