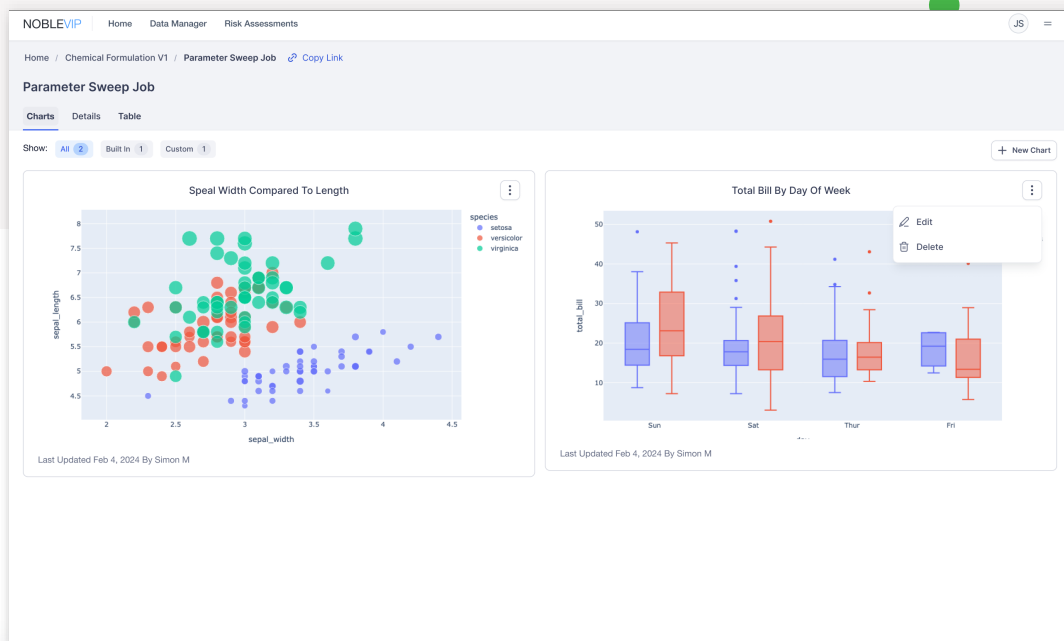# NOBLEAI

Accelerate Product Innovation
From Months to Minutes

About Us

NobleAI delivers practical AI solutions for complex challenges in chemistry and energy. Our data-efficient Science-Based AI technology and VIP (Visualizations, Insights & Predictions) Platform compress months of work into minutes, driving better decisions, accelerating innovation, and unlocking substantial economic value.

Trusted by product development, operations, and R&D teams at global companies, our enterprise-ready solutions optimize performance, shorten development cycles, and increase profitability.

Practical AI to Accelerate Innovation

We tackle the toughest multi-disciplinary, multi-scale challenges in chemistry and energy by combining advanced Science-Based AI models with the powerful, intuitive, cloud-based VIP Platform. NobleAI enables faster formulation and material development, smarter operations, and real-time experimentation; it helps companies reduce risk, improve reliability, and make faster, confident, profitable decisions.

VIP (Visualization, Insights & Predictions) Platform

Deploy Your Own Models (DYOM)
Run your existing models to accelerate insights, reduce bottlenecks, and enable collaboration.
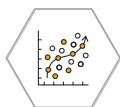
Model Builder for Formulations (MBFF)
Build and train your own SBAI models. No coding or data science expertise needed.

Inverse Designs With Parameter Sweeps
Identify the optimal results based on multiple, predefined goals and constraints.

Forward Prediction With Parameter Sweeps
Generate formulation predictions and run unlimited experiments in software with parameter sweeps.
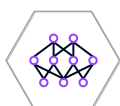
Dynamic Visualization
Visualize and analyze data using customizable data, graphs, and tables.

Deep Insights
Understand predictions through uncertainty, confidence, probability, and feature impacts.

Science-Based AI Models

Ensemble Model Architecture
SBAI Models are built from multiple individually trained model elements.

Customized Solution
SBAI models are structured, created and optimized for each specific use case.

Multi-Science, Multi-Scale
SBAI can incorporate any physical law, chemical property, scientific principle or constraint.

Data Efficiency and Privacy
SBAI models don't need to learn scientific principles from data and are inherently private.

Want to learn more? Let's talk.
contact@noble.ai

www.noble.ai