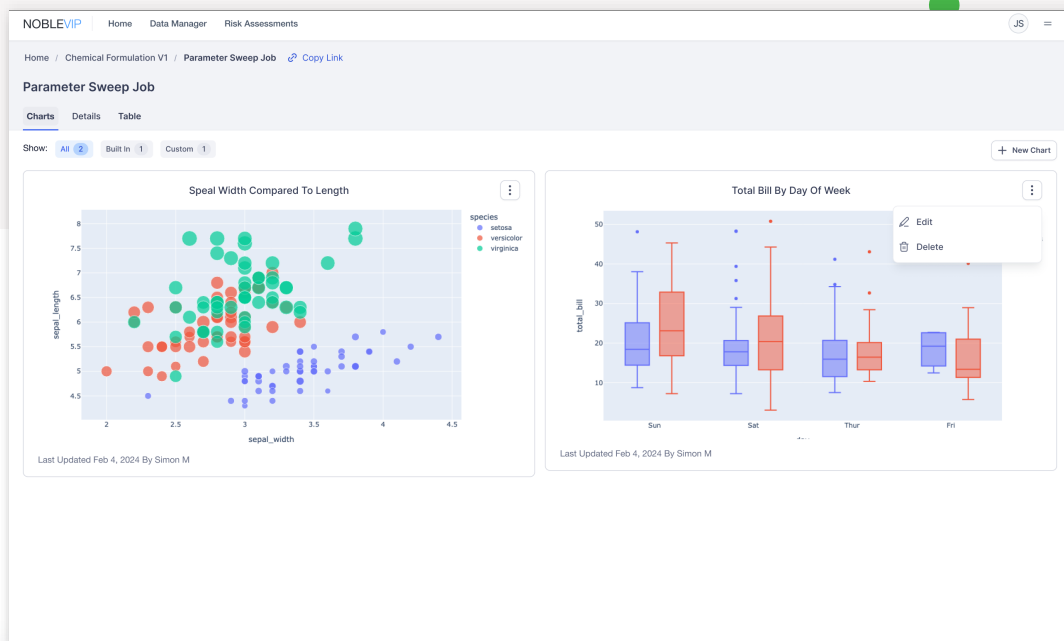# NOBLE AI

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.

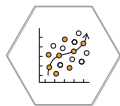# Practical AI to Accelerate Innovation

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.

www.noble.ai

VIP (Visualization, Insights & Predictions) Platform

Smart Data Management
Upload and search files easily. Keep modeling data organized and updated.

Forward Prediction & Parameter Sweeps
Easily and quickly generate model predictions from single points to thousands.

Inverse/Optimized Designs
Identify the best results based on multiple, predefined goals and constraints.

Dynamic Visualization
Visualize and analyze data with precision using customizable graphs, charts, and tables.

Explainable AI
Understand predictions through uncertainty, confidence, probability, and feature impacts.

Science-Based AI Models

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

Ensemble Model Approach
SBAI models are are built from many individually optimized components.

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

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

Fast Model Development
SBAI models can be developed quickly and be operational in as little as one month.