NOBLEAI

Accelerating Insights for Oil & Gas with Science-Based AI

Modernize Upstream Innovation

Today the energy industry uses timeworn, legacy tools to solve multi-scale, multi-physics and highly dimensional problems in an industry landscape that is ever changing. The aged, traditional tools are slow. It takes extended periods of computational time for repetitive tasks eg. history matching, seismic inversion, geology/reservoir parameters etc., required to provide insight for scientists and engineers to make informed decisions, on time.

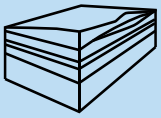
NobleAI offers commercially proven Machine Learning solutions built with our innovative Science-Based AI technology to address the following challenges pertaining to the oil and gas industry:

- Generate 1000s of production results in minutes
- Accelerate forecasting of oil and gas production based on limited historical data
- Quickly validate optimum well placement geometries
- Generate informatics statistics to build confidence around well optimization decisions
- Generate multiple reservoir and subsurface scenarios 100x faster than legacy simulation tools
- Rapidly improve understanding through explainable AI

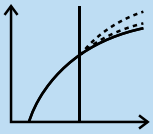
NobleAI Use Cases

Reservoir Simulation

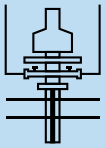
Seismic Inversion



Process Stratigraphy Modeling



History Matching



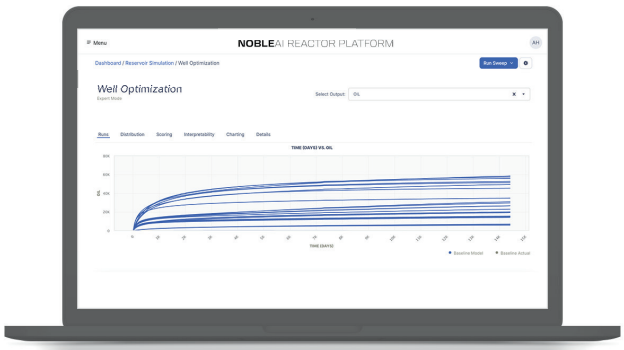
Well Control Optimization

And More

Cloud-Based. Easy-to-Use. Powered by Science-Based AI.

The NobleAI Reactor Platform, combined with our unique Science-Based AI technology, delivers critical insights for oil & gas industry challenges.

Built on modern cloud structure, the Platform incorporates any available data, scientific principles and relevant design constraints to accelerate product development for scientists and engineers.



Predictable
Predict Lifecycle, initial capacity, and end-of useful life with early performance data

Efficient
Unlock actionable insights with fewer than 100 data points

Scalable
State-of-the-art cloud provisioning system scales quickly across your organization

Iterative
Improves the models' predictive power over time with reinforcing feedback

Rapid
Your teams can begin unlocking insights in less than a month

Accurate
Achieve by incorporating scientific principles

Contact us today to learn how NobleAI's Science-Based AI solutions can accelerate your project.

www.noble.ai
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