



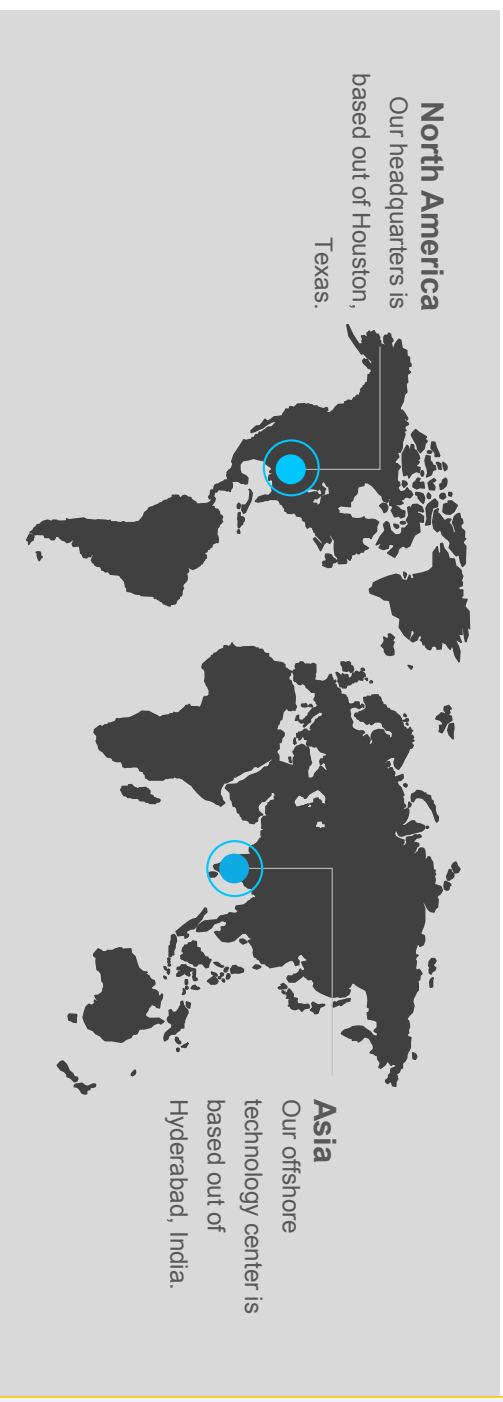
Sunil Garg

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Introduction



dataVedik derived from
the Sanskrit word védā meaning
"knowledge, wisdom"
aims to decode
the knowledge hidden in data.

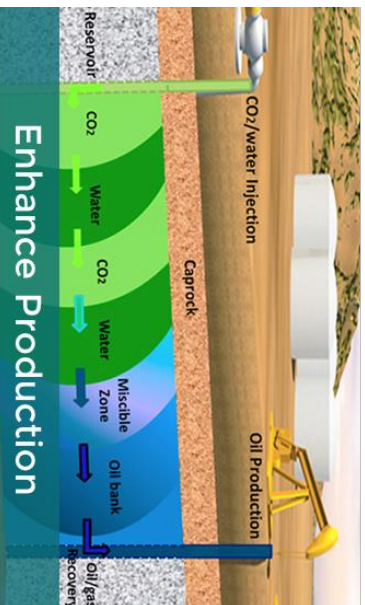


dataVedik is an early stage startup developing a "Hyper-Converged Data and Analytics Platform" for Oil & Gas industry.

Business Need

COSTS

Optimize Costs



SAFETY FIRST

Improve Safety

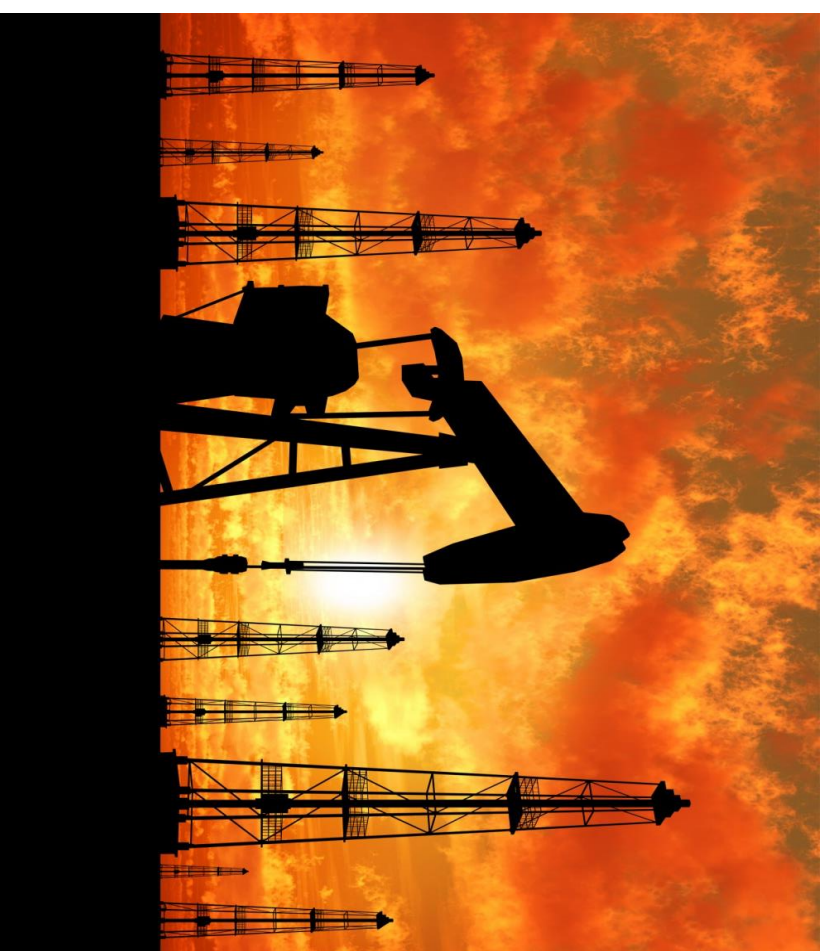


Efficient Operations

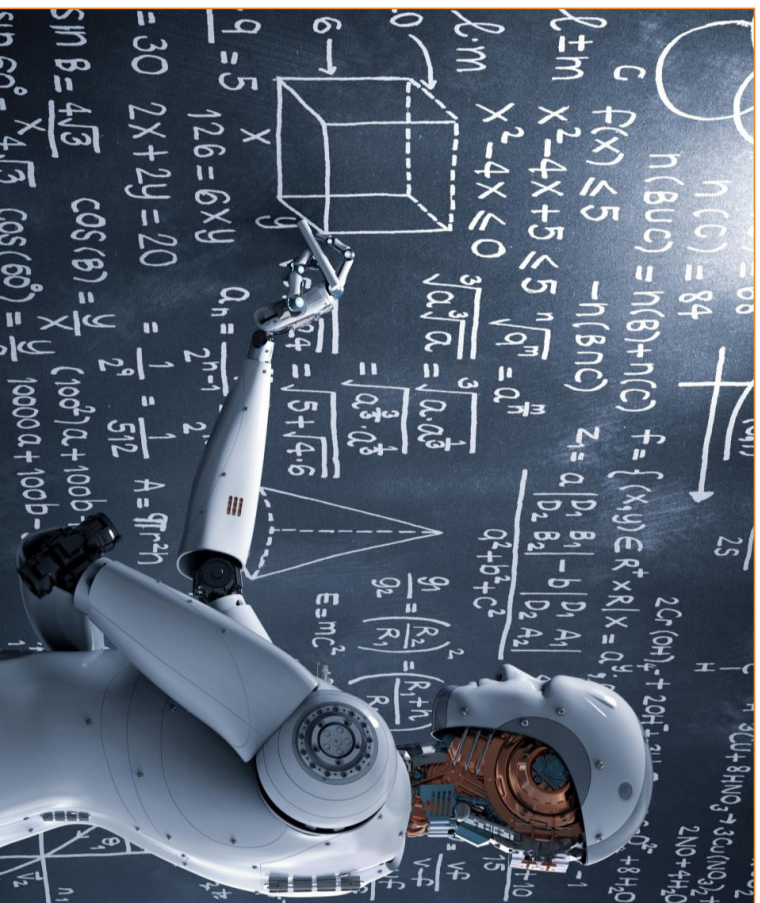


Our Vision

AI Market Leader in
Oil & Gas.
Better Data.
Better Insights.
Better Decisions.



Our Mission



Create an AI Platform to
foster effective
collaboration between
Domain experts and Data
Scientists to solve complex
business problems in Oil &
Gas industry

Target Market



By conservative estimate, we can capture 5% (> \$1 Billion) of the Analytics market

<https://www.marketsandmarkets.com/PressReleases/oil-and-gas-analytics.asp>
<https://www.credenceresearch.com/report/oil-and-gas-analytics-software-market>
<https://www.marketsandmarkets.com/PressReleases/cloud-applications-oil-gas.asp>

Our Technology Platform

“Hyper-Converged Data and Analytics Platform”
Enabling Rapid Development, Deployment and Delivery of
Machine Learning Solutions
in Oil & Gas Industry

Need for the Platform



90% of the time spent in Data Ingestion and Data Wrangling



Bad data quality



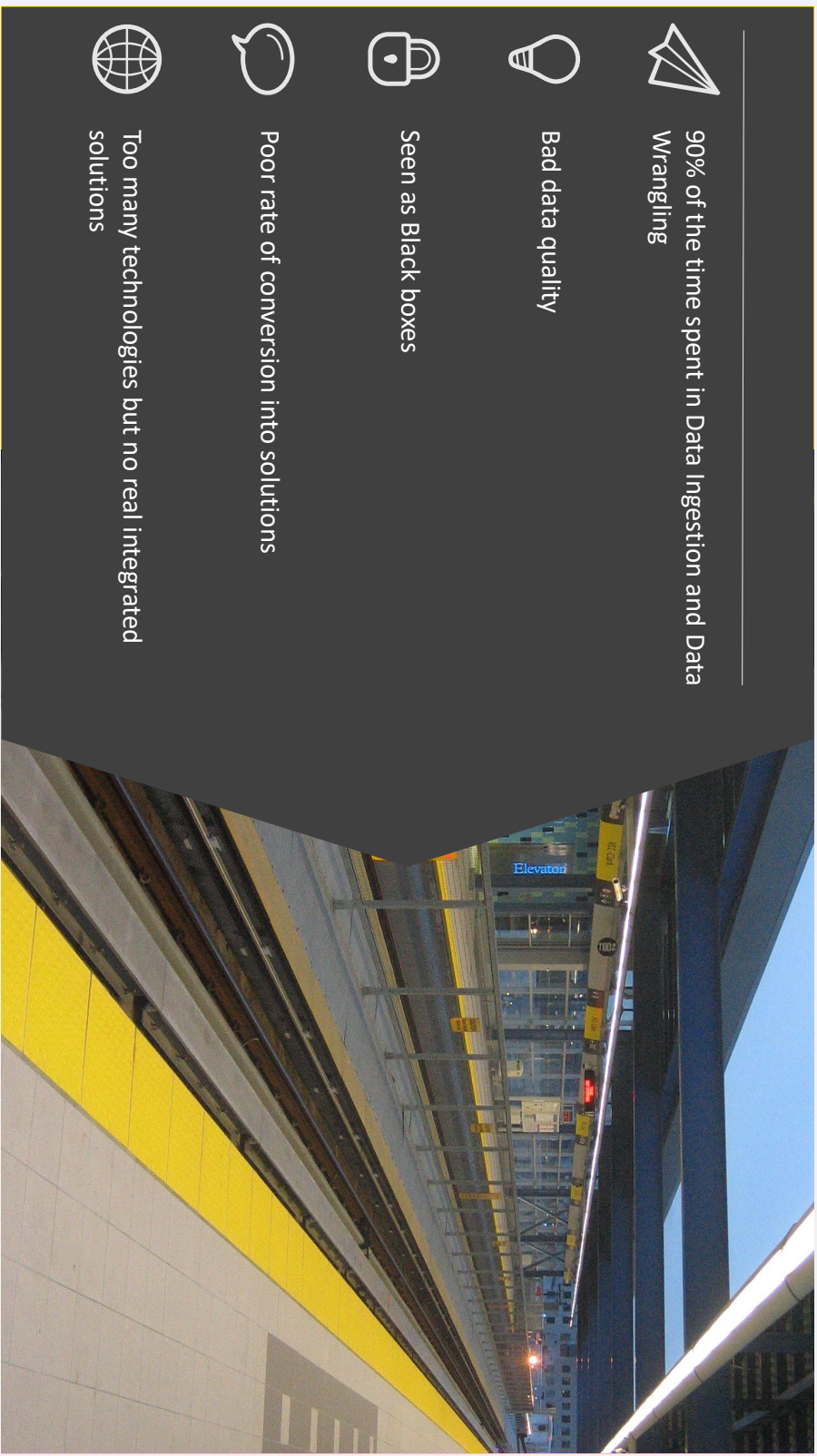
Seen as Black boxes



Poor rate of conversion into solutions



Too many technologies but no real integrated solutions



Our Technology



Big Picture



Leadership



Sunil Garg

Founder & CEO

Sunil Garg is the founder and CEO of dataVedik, an early stage startup specializing in Big Data, Data Analytics, Machine Learning and end-to-end Data Ecosystems for Oil & Gas and healthcare industries. Prior to this, he spent over two decades in leading the development of information management and Big Data Analytics technology solutions and business for Schlumberger Software.



Samir Jain

Director - Consulting

Samir leads dataVedik's consulting practice. He has over two decades of experience in the field of Upstream Oil and Gas E&P Information Management and has worked with the leading E&P consulting organizations – Schlumberger, Fugro and Noah Consulting. Samir's expertise spans Business Process Improvement, Data Governance, Data Quality & Standards, Data Migration & MDM.



Joseph H. Rozario

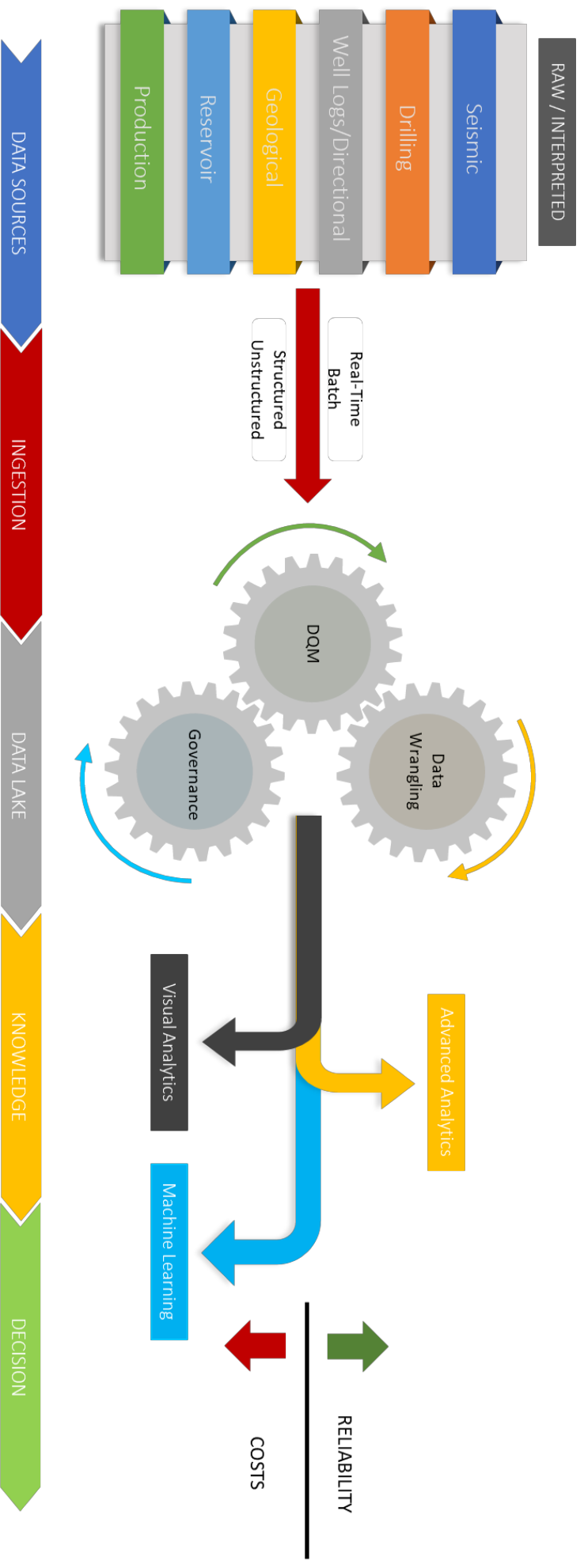
Director - Data Analytics

Joseph leads dataVedik's Data Analytics practice. He is a veteran of the software industry, a highly skilled professional with 25 years of IT experience, 10 years of BI and Analytics experience, 18 years of full Software Development Life Cycle (SDLC) experience. His passion is going deep into databases to extract the rich information that is so often hiding in disparate systems.

Our Team

Oil & Gas Domain Experts
Data Management Professionals
Software Architects
Data Scientists
Data Architects
Project Managers
Business Analysts
Software Developers
& Growing ...

Solution Paradigm



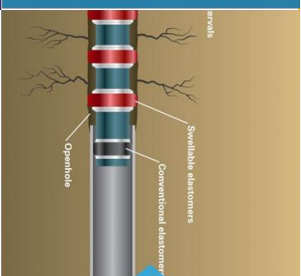
Success Stories



PHM
(Prognostics
And
Health Management)

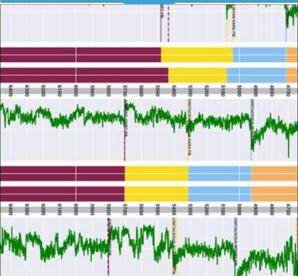


ROP Prediction
And
Optimization

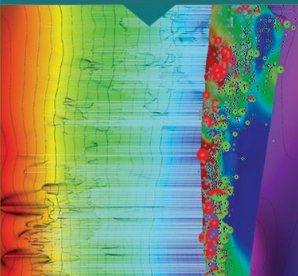


Hydraulic Fracturing
and
Design Optimization

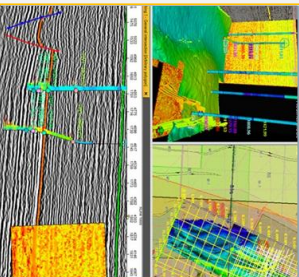
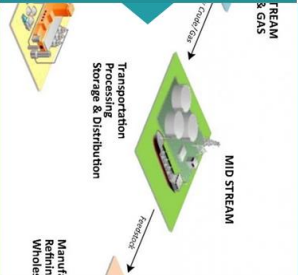
Formation Tops Prediction



Sweet spot prediction



Supply chain optimization



Seismic Interpretation



Drilling NPT Prediction and
Prevention

Planning	Drilling	Completing	Production
<ul style="list-style-type: none"> Well Path Planning Drilling Parameters Optimization Drilling Fluids Management Drilling Risks Assessment 	<ul style="list-style-type: none"> Drilling Rate Optimization Drilling Time Estimation Drilling Costs Reduction Drilling Safety Enhancement 	<ul style="list-style-type: none"> Completion Design Optimization Completion Time Estimation Completion Costs Reduction Completion Safety Enhancement 	<ul style="list-style-type: none"> Production Rate Optimization Production Time Estimation Production Costs Reduction Production Safety Enhancement

Digital Well File
"Unstructured Data"

Short-term Plan

- Provide solutions to customers with our existing/new ML models and platform components.
- Customers' trusted partners in their digital transformation initiatives.
- Rapid development of our platform.
- Grow the Team in Houston and the satellite development center in India.
- Dedicated Marketing & Sales.
- Support hybrid deployments.



Long-term Plan



- Deploy the platform in SaaS and PaaS modes in public / private clouds.
- Aggressive growth of Market share.
- Establish technology delivery and support centers across multiple geographies.
- Rapid expansion of the ML model libraries.
- Continue to invest in the new innovative workflows and tools.

SWOT Analysis

Strengths

- Seamless integration of E&P domain with data-science.
- Using ML to detect/correct data quality issues.
- Building repeatable and scalable end-to-end workflows using cutting-edge technologies.
- Integration with existing application/data eco-systems.

Weaknesses

- Marketing to create brand awareness.
- Sales Team for domestic and international markets.
- Larger Team to accelerate the models and platform development.

Opportunities

- Aggressive growth in Oil and Gas Data Analytics Market.
- Existing relationships with National Oil Companies.
- Positive response from Operators and OFS providers.
- First integrated AI/ML solution in Oil & Gas.

Threats

- Competition for Data Scientists.
- Competition with niche AI companies, Big IT consulting companies and in-house initiatives.

Why We Are Here



Next Steps

“Setup a demo session with us to understand our integrated workflows”

More information



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