

How – Implementing Big Data in Oil and Gas

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Abstract

- 3D Modeling create “what-if” Oilfield scenarios with step by step machine learning workflow.
- Enhanced Subsurface Understanding – Combining Data Science Driven results with G&G Workflows.
- Use Cases –
- 3D Geomechanics
- Advanced Geomodeling – Integrating Core Analysis with Geomechanics
- Fiber Optic Sensing - Fluid Breakthrough identification and Hydraulic fracture monitoring