

Well Log Data Management and Data Governance Principles

COURSE OVERVIEW

This course provides a comprehensive foundation in the management and governance of well log and geophysical data. Participants will explore the principles of organizing, storing, and securing technical data while learning how governance frameworks support data quality, regulatory compliance, and operational efficiency. With real-world examples and practical sessions, delegates will be empowered to design data workflows that ensure accessibility, integrity, and long-term value.

WHO SHOULD ATTEND?

This course is designed for geoscientists, data managers, petroleum engineers, IT specialists supporting subsurface teams, and technical professionals responsible for geophysical data. It is also valuable for team leads, compliance officers, and decision-makers working with seismic and well log data assets.

COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Understand well log and seismic data types and interpretation basics.
- Apply best practices in structuring, storing, and versioning technical data.
- Implement metadata and naming conventions that enhance data usability.
- Establish governance principles such as ownership, quality, and stewardship.
- Ensure data compliance, integrity, and traceability across teams.
- Design standard operating procedures (SOPs) for effective data handling.
- Use industry tools for organizing, visualizing, and retrieving data.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- Principles of well log and seismic data interpretation
- Structuring technical data for usability and compliance
- Metadata, naming conventions, and version control systems
- Regulatory frameworks and audit readiness
- Practical case study on governance integration
- Overview of Petrel, Kingdom Suite, and other data platforms
- SOP development for subsurface data management
- Real-world application through hands-on workshop

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.

1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded