

AI Applications in Oil & Gas Contracts and Commercial Risk Analysis

COURSE OVERVIEW

This course provides a comprehensive understanding of how Artificial Intelligence (AI) can be applied in the oil and gas industry to optimize contract management and commercial risk analysis. Participants will explore the intersection of technology, law, and business by examining AI-driven solutions for contract drafting, review, negotiation, compliance monitoring, and dispute prevention. The course bridges industry-specific challenges such as fluctuating market conditions, regulatory complexities, and large-scale project risks with cutting-edge AI applications to enhance efficiency, accuracy, and decision-making in contract and risk management processes.

WHO SHOULD ATTEND?

This program is designed for professionals in the oil and gas sector including contract managers, legal counsel, commercial managers, project managers, compliance officers, and risk analysts. It is also suitable for AI practitioners and consultants looking to apply their expertise to the energy industry, as well as executives seeking to leverage technology to strengthen governance, reduce costs, and gain competitive advantage in a high-risk and highly regulated environment.

COURSE OUTCOMES

By the end of this course, participants will be able to:

- Understand the fundamentals of AI technologies and their relevance to oil and gas contracts.
- Apply AI tools to streamline contract drafting, negotiation, and lifecycle management.
- Identify and assess commercial risks using predictive analytics and machine learning models.
- Enhance compliance monitoring and mitigate risks of disputes and penalties.
- Develop strategies for integrating AI solutions into existing contract and risk management workflows.

KEY COURSE HIGHLIGHTS

By the end of this course, participants will understand:

- Industry-specific case studies from upstream, midstream, and downstream operations.
- Practical demonstrations of AI-powered contract and risk analysis tools.
- Insights from legal, commercial, and technology experts in oil and gas.
- Hands-on exercises to apply AI in real-world contract scenarios.
- Forward-looking discussions on emerging trends and regulatory implications of AI adoption.

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