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AI-Powered Fraud Detection, Risk Analysis, and Financial Forecasting

COURSE OVERVIEW

This comprehensive course introduces participants to a blend of AI and machine learning and specifically how it is used to detect fraud, assess financial risk, and improve forecasting. It is a carefully designed course for finance professionals, auditors, and analysts seeking to apply smart technologies in financial operations. Through diverse case studies and interactive exercises, participants will learn to use AI tools for spotting anomalies, evaluating credit risk, and making data-driven predictions. Generally, participants will understand how to apply AI for better accuracy, faster decision-making, and stronger financial control.

WHO SHOULD ATTEND?

This course is ideal for finance professionals, auditors, risk analysts, accountants, compliance officers, and data analysts who want to enhance their skills in using AI for fraud detection, risk assessment, and financial forecasting. It is also suitable for business leaders, CFOs, and decision-makers looking to integrate intelligent technologies into financial strategies and operations.

COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Detect fraudulent transactions using AI and anomaly detection algorithms.
- Assess financial risks with machine learning models and predictive analytics.
- Improve forecasting accuracy through AI-driven time series analysis.
- Implement real-time monitoring for fraud prevention and risk management.
- Apply explainable AI to ensure transparency in financial decision-making.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- AI-driven fraud detection using supervised and unsupervised learning.
- Risk scoring models with ensemble methods and deep learning.
- Financial time series forecasting with LSTMs and ARIMA.
- Real-time anomaly detection for transaction monitoring.
- Regulatory compliance and ethical AI in financial applications.
- Practical tasks with synthetic and real-world financial datasets.

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